

SLI SYLVANIA

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ACCENT LIGHTING 2007

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CATALOGUE

The background image is a photograph of a modern office interior. It features a ceiling with a grid of square acoustic tiles and several recessed circular lights. On the right side, there is a wall made of vertical wooden slats. The floor is highly reflective, showing the ceiling and the wall. In the distance, there are some office chairs and a desk.

LUMIANCE, A DIVISION OF SLI SYLVANIA, IS A DUTCH BASED LIGHTING COMPANY WHICH WAS ESTABLISHED IN 1934. OUR PRODUCTS ARE RENOWNED FOR ITS FUNCTIONALITY AND CONTEMPORARY DESIGN, QUALITY, RELIABILITY, DURABILITY, SAFETY AND ARE EASY TO INSTALL. VARIES PRODUCTS HAVE RECEIVED INTERNATIONAL PRESTIGIOUS DESIGN AWARDS.

LUMIANCE OFFERS INNOVATIVE AND GOOD VALUE FOR MONEY PRODUCTS WHICH ARE AIMED AT CONTRACTORS, LIGHTING SPECIALISTS AND INTERIOR DESIGNERS.

WITH MORE THAN 800 PRODUCTS, LUMIANCE OFFERS A WIDE RANGE OF CONTEMPORARY DESIGNED LUMINARIES BRINGING VITALITY AND VISUAL COMFORT. THE LUMINARIES ARE DESIGNED FOR USE AT PROFESSIONAL MEDIUM-TO-LARGE INTERIOR AND EXTERIOR PROJECTS SUCH AS SHOPS, OFFICES, PUBLIC BUILDINGS, HOTELS AND RESTAURANTS WORLDWIDE.

LUMIANCE OFFERS A HIGH SUPPLY RELIABILITY AS PRODUCTS ARE AVAILABLE FROM STOCK. SALES AND DISTRIBUTION ARE THE JOINT RESPONSIBILITY OF OUR OWN NATIONAL SALES ORGANISATIONS AND OUR LOCAL PARTNERS, THE ELECTRICAL AND LIGHTING WHOLESALERS.

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DOWNLIGHTS



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OVERVIEW

	PAGE NUMBER	INCANDESCENT MAINS VOLTAGE	TUNGSTEN HALOGEN	- MAINS VOLTAGE	- LOW VOLTAGE	H.I.D.	COMPACT FLUORESCENT	L.E.D.	EMERGENCY
INSAVER TC-T 175	11						•		
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INSAVER HE 225 CONE	17						•		•
INSAVER HE 175 TOPPER	18						•		
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INSTAR PRO	46-48				•				
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INSET PRO	68-70		•			•			
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INSET (CLASSICS)	78-81	•	•						
SIGNO 115	84		•	•	•	•			
SIGNO 155	85		•	•	•	•			
SIGNO 205	86					•			
SIGNO 155/205	87					•			
EXPOSPOT	90			•	•	•			

INSAVER

INSAVER COMPRISES AN EXTENSIVE RANGE OF RECESSED, ENERGY-SAVING COMPACT FLUORESCENT DOWNLIGHTS FOR ALL GENERAL LIGHTING REQUIREMENTS. INSAVER OFFERS QUICK AND EASY INSTALLATION.

INSAVER TC-T

Insaver TC-T is characterised by a visual free hanging faceted chrome reflector design and an aluminium ceiling rim. The downlight combines high light output with optimal light distribution and light comfort. Therefore suitable for use in VDT areas according to EN12464 (LG3): 1x18W, 2x18W, 2x26W, 2x32W and 2x42W. Insaver TC-T is ideal for lighting larger areas such as shops, theatres, public buildings and offices. With an IP43 classification, the Insaver TC-T is available in three diameters 175, 225 and 250mm and in low loss magnetic, HF electronic, analogue dimmable and integrated HF emergency versions. The range takes a variety of compact fluorescent lamps from single TC-T 18W to 2x42W TC-TEL. Accessories include a cover glass, decorative glass, drop ring, floating glass and emergency signs.



INSAVER HE

Insaver HE is characterised by its shallow recessed depth and is available in an open, cone or topper version. Insaver HE Open is distinguished by an open faceted polycarbonate reflector, which gives a very even light distribution and a very high LOR (68-71%). Insaver HE Cone has a scratch proof polycarbonate reflector and is fitted with a diffuser which appears to float in the reflector and has an IP44 classification. The Insaver HE Topper has a white polycarbonate reflector with an opal cover giving the downlight an IP44 classification, making it ideal for use in humid areas and under porches. Insaver HE is ideal for use in shops, showrooms, public spaces, offices and humid areas depending on which version is used. Available in two diameters, for compact fluorescent lamps from single 13W TC-D up to 2x26W TC-D, Insaver HE offers a choice of accessories including an IP44 clear glass and decorative glass screen, square and round decorative trim, etched floating glass, dotted polycarbonate diffuser, blue cone or cross-blade louver. For surface mounting applications a surface unit for the electronic versions of the 225 HE is available as an accessory. For the 225 HE emergency models, transparent PMMA emergency icons signs are also available.



INSAVER CLASSIC

Insaver Classic is characterised by a low recess depth and comes in two diameters (150 and 180mm) and in Cone and Topper versions from a single 7W TC up to 13W TC-D. The range has IP44 classification which makes it suitable for use in humid areas and under porches. The topper version is supplied with an opal diffuser.



INSAVER QUADRETTO

Insaver Quadretto is a range of square downlights for architectural applications. The innovative technical design gives the Quadretto range a low recess depth of just 115 mm and a high light output of up to 68%. The modern design makes this range especially ideal for use in shops, showrooms, hotels and offices. Insaver Quadretto is available for use with 35W / 70W and 150W metal halide lamps like Sylvania CMI-T, (gear to be ordered separately) and 1x26W or 2x26W Sylvania Lynx-T compact fluorescent lamps, supplied with low-loss magnetic ballast or electronic gear. Both the 1x26W and the 2x26W versions are available as emergency lighting models. Accessories include a decorative frosted glass, which gives it an IP44 classification. The Insaver Quadretto HIT is complete with a decorative frosted glass, and a sunfilter will be available as an accessory.



INSAVER MICROSAVER

Insaver Microsaver is a very compact fixture for the Sylvania Micro-Lynx-F lamp. With a low housing temperature Insaver Microsaver is therefore suitable for furniture display and orientation lighting. The product is available in recessed (IP44) and surface mounted (IP20) versions in white, matt silver and brushed aluminium. Complete with and without lamp, frosted glass cover, 0,6m cord and connection box suitable for looping. Suitable for white and coloured Sylvania Micro-Lynx F and Sylvania Micro-Lynx LED lamps.



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INSAVER MICRO-LYNX F

Insaver Micro-Lynx F is an ultra compact fluorescent downlight, available in recessed, semi-recessed and surface mounted versions. With a very low recess depth and compact dimensions it is ideal for furnishing, display and orientation lighting and is supplied with a Sylvania Micro-Lynx F F6W GX53 compact fluorescent lamp, 2m cord and plug. 6-way connector can be ordered separately. The Sylvania Micro-Lynx F fixture is also suitable for Sylvania Micro-Lynx LED.



INSAVER TC-T

INSAVER TC-T 175

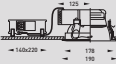
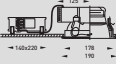
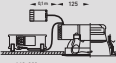
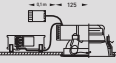
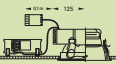
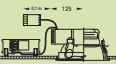
 TC • G23 7W = 400 lm	 TC • G23 2x7W = 800 lm	 TC-D • G24d-1 TC-DEL • G24q-1 10/13W = 900 lm	 TC • G23 2x9W = 1200 lm	 TC-D • G24d-2 TC-T • G24d-2 TC-DEL • G24q-2 TC-TEL • G24q-2 18W = 1200 lm 18W = 1200 lm
				 ■ 3034200 magnetic, white ■ 3034210 HF, white ■ 3034220 HF 1-10V dim., white
				 ■ 3034230 HF emerg., white

INSAVER TC-T 225

INSAVER TC-T 250

INSAVER HE OPEN

INSAVER HE 175 open

 ■ 3025800 magnetic, white ■ 3025950 magnetic, white +² ■ 3025810 HF, white ■ 3025812 HF, white +²	 ■ 3025850 magnetic, white ■ 3025960 magnetic, white +² ■ 3025860 HF, white ■ 3025862 HF, white +²
 ■ 3025830 HF 1-10V dim., white	 ■ 3025880 HF 1-10V dim., white
 ■ 3025820 emerg., white ■ 3025840 HF emerg., white	 ■ 3025870 emerg., white ■ 3025890 HF emerg., white
 ■ 3033010 magnetic, white ■ 3033020 magnetic, white +²	 ■ 3033060 magnetic, white ■ 3033070 magnetic, white +²
 ■ 3033030 HF, white ■ 3033032 HF, white +²	 ■ 3033080 HF, white ■ 3033082 HF, white +²
 ■ 3033040 emerg., white ■ 3033050 HF emerg., white	 ■ 3033090 emerg., white ■ 3033100 HF emerg., white
 ■ 3033510 magnetic, white ■ 3033520 magnetic, white +²	 ■ 3033560 magnetic, white ■ 3033570 magnetic, white +²
 ■ 3033530 HF, white ■ 3033532 HF, white +²	 ■ 3033580 HF, white ■ 3033582 HF, white +²

INSAVER HE 225 open

INSAVER HE CONE

INSAVER HE 175 cone

INSAVER HE 225 cone

INSAVER HE TOPPER

INSAVER HE 175 topper

INSAVER HE 225 topper

INSAVER QUADRETTO

INSAVER QUADRETTO

INS. CLASSIC

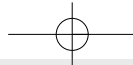
INSAVER CLASSIC 150 cone

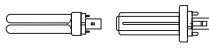
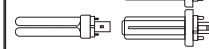
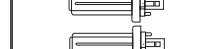
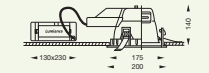
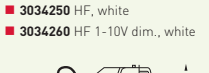
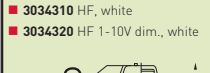
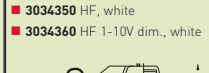
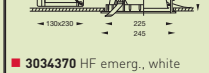
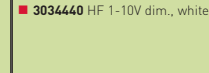
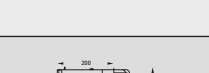
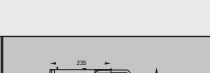
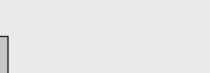
INSAVER CLASSIC 180 cone

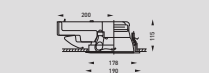
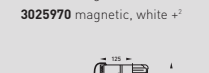
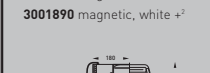
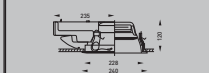
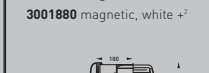
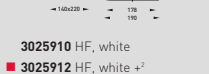
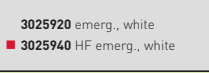
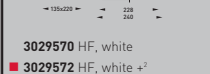
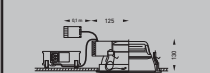
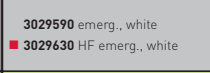
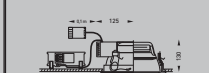
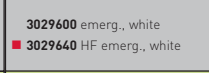
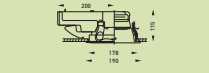
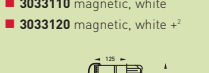
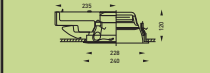
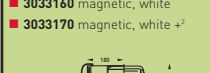
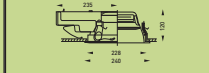
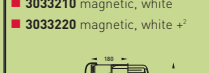
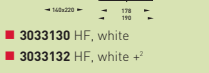
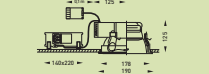
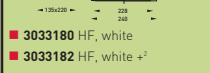
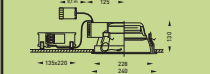
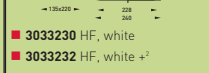
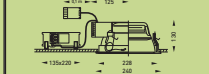
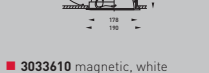
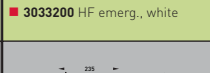
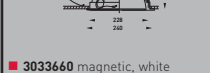
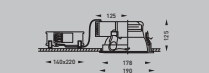
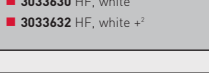
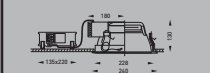
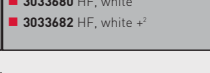
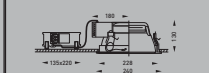
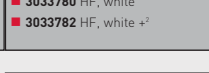
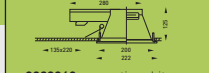
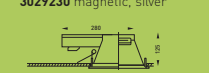
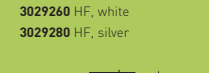
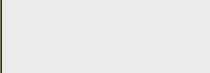
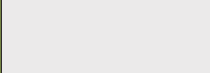
INSAVER CLASSIC 150 topper

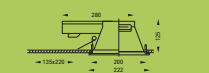
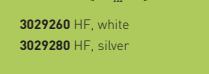
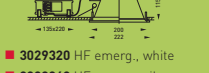
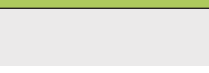
INSAVER CLASSIC 180 topper

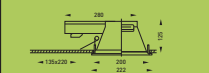
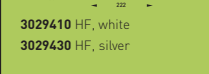
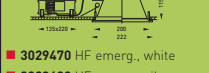
 ■ 3023200 magn., cone, white ■ 3001580 magn., cone, white +²	 ■ 3023250 magn., cone, white ■ 3001600 magn., cone, white +² ■ 3023260 magn., cone, white	 ■ 3023040 magn., cone, white ■ 3002020 magn., cone, white +² ■ 3023440 magn., cone, white ■ 3023450 magn., cone, white	 ■ 3023300 magn., cone, white ■ 3001860 magn., cone, white +² ■ 3023310 magn., cone, white +²
 ■ 3023220 magn., topper, white ■ 3001590 magn., topper, white +²	 ■ 3023270 magn., topper, white ■ 3001610 magn., topper, white +²	 ■ 3023460 magn., topper, white ■ 3002030 magn., topper, white +²	 ■ 3023320 magn., topper, white

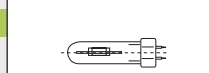


 TC-D • G24d-3 TC-DEL • G24q-3 2x18W = 1800 lm TC-T • G24d-3 TC-TEL • G24q-3 2x18W = 1800 lm	 TC-D/DEL • G24d-2/G24q-2 2x18W = 2400 lm TC-T/TEL • G24d-2/G24q-2 2x18W = 2400 lm	 TC-D/DEL • G24d-3/G24q-3 2x26W = 3600 lm TC-T/TEL • G24d-3/G24q-3 2x26W = 3600 lm	 TC-TEL • GX24q-3 2x32W = 4800 lm	 TC-TEL • GX24q-4 2x42W = 6400 lm
 ■ 3034240 magnetic, white  ■ 3034250 HF, white  ■ 3034260 HF 1-10V dim., white	 ■ 3034300 magnetic, white  ■ 3034310 HF, white  ■ 3034320 HF 1-10V dim., white	 ■ 3034340 magnetic, white  ■ 3034350 HF, white  ■ 3034360 HF 1-10V dim., white	 ■ 3034400 HF, white  ■ 3034410 HF 1-10V dim., white	 ■ 3034430 HF, white  ■ 3034440 HF 1-10V dim., white
 ■ 3034270 HF emerg., white	 ■ 3034330 HF emerg., white	 ■ 3034370 HF emerg., white	 ■ 3034420 HF emerg., white	

 3025900 magnetic, white  3025970 magnetic, white +²	 3029550 magnetic, white  3001890 magnetic, white +²	 3029560 magnetic, white  3001880 magnetic, white +²
 3025910 HF, white  ■ 3025912 HF, white +²  3025930 HF 1-10V dim., white	 3029570 HF, white  ■ 3029572 HF, white +²  3029610 HF 1-10V dim., white	 3029580 HF, white  ■ 3029582 HF, white +²  3029620 HF 1-10V dim., white
 3025920 emerg., white  ■ 3025940 HF emerg., white	 3029590 emerg., white  ■ 3029630 HF emerg., white	 3029600 emerg., white  ■ 3029640 HF emerg., white
 ■ 3033110 magnetic, white  ■ 3033120 magnetic, white +²	 ■ 3033160 magnetic, white  ■ 3033170 magnetic, white +²	 ■ 3033210 magnetic, white  ■ 3033220 magnetic, white +²
 ■ 3033130 HF, white  ■ 3033132 HF, white +²	 ■ 3033180 HF, white  ■ 3033182 HF, white +²	 ■ 3033230 HF, white  ■ 3033232 HF, white +²
 ■ 3033140 emerg., white  ■ 3033150 HF emerg., white	 ■ 3033190 emerg., white  ■ 3033200 HF emerg., white	 ■ 3033240 emerg., white  ■ 3033250 HF emerg., white
 ■ 3033610 magnetic, white	 ■ 3033660 magnetic, white	 ■ 3033760 magnetic, white
 ■ 3033630 HF, white  ■ 3033632 HF, white +²	 ■ 3033680 HF, white  ■ 3033682 HF, white +²	 ■ 3033780 HF, white  ■ 3033782 HF, white +²

 3029210 magnetic, white  3029230 magnetic, silver	 3029260 HF, white  3029280 HF, silver
 ■ 3029320 HF emerg., white  ■ 3029340 HF emerg., silver	

 3029360 magnetic, white  3029380 magnetic, silver	 3029410 HF, white  3029430 HF, silver
 ■ 3029470 HF emerg., white  ■ 3029490 HF emerg., silver	

 HIT • G12 35/70/150W 3400/6400/14000 lm	 ■ 3029360 magnetic, white  ■ 3029380 magnetic, silver
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■ New product



Lumiance

INSAVER TC-T 175



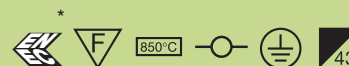
- >> VISUAL FREE HANGING REFLECTOR
- >> HIGH LIGHT OUTPUT
- >> QUICK AND EASY TO INSTALL
- >> WIELAND COMPATIBLE
- >> COMPLIES WITH EN12464 (LG3) LIGHT COMFORT

LIGHT SOURCES

- >> TC-T • GX24d-2
TC-TEL • GX24q-2
18W = 1200 lm



- >> TC-T • GX24d-3
TC-TEL • GX24q-3
26W = 1800 lm



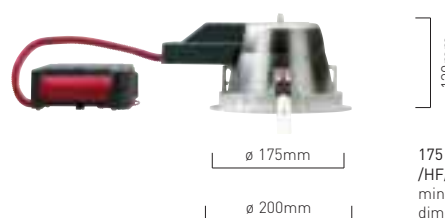
* pending

11

INSAVER TC-T 175

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3034200	TC-T	18W	G24d-2	magnetic	white/chrome	1.40kg
■ 3034202	TC-T	18W	G24d-2	magnetic plus*	white/chrome	1.50kg
■ 3034210	TC-TEL	18W	G24q-2	High Frequency	white/chrome	1.00kg
■ 3034220	TC-TEL	18W	G24q-2	HF 1-10V dimming	white/chrome	1.00kg
■ 3034230	TC-TEL	18W	G24q-2	HF emergency**	white/chrome	1.40kg
■ 3034240	TC-T	26W	G24d-3	magnetic	white/chrome	1.40kg
■ 3034242	TC-T	26W	G24d-3	magnetic plus*	white/chrome	1.50kg
■ 3034250	TC-TEL	26W	G24q-3	High Frequency	white/chrome	1.00kg
■ 3034260	TC-TEL	26W	G24q-3	HF 1-10V dimming	white/chrome	1.00kg
■ 3034270	TC-TEL	26W	G24q-3	HF emergency**	white/chrome	1.50kg

CAT NO	ACCESSORIES	COLOUR
■ 3004870	drop ring	opal
■ 3004875	drop ring	anthracite
■ 3004872	clear glass cover (IP44)	
■ 3004873	decorative glass cover (IP44)	
■ 3004874	floating ring	clear
■ 3004879	floating ring	blue



175 magnetic
/HF/HF 1-10V. dim
minimum recess
dimensions:
515x335x130mm

* plus² versions include 830 lamps and dust cover

** HF emergency versions incorporates 3 hour maintained emergency unit

INSAVER TC-T 225



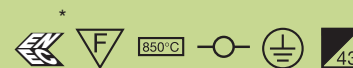
- >> VISUAL FREE HANGING REFLECTOR
- >> HIGH LIGHT OUTPUT
- >> QUICK AND EASY TO INSTALL
- >> IDEAL FOR LARGE AREAS
- >> WIELAND COMPATIBLE
- >> COMPLIES WITH EN12464 (LG3) LIGHT COMFORT

LIGHT SOURCES

- >> TC-T • GX24d-2
TC-TEL • GX24q-2
2x18W = 2400 lm



- >> TC-T • GX24d-3
TC-TEL • GX24q-3
2x26W = 3600 lm



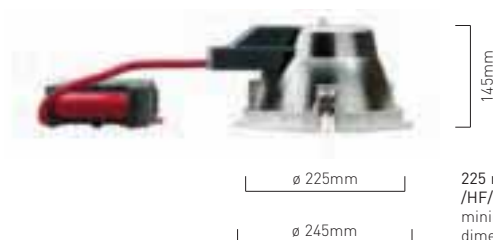
* pending

12

INSAVER TC-T 225

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3034300	TC-T	2x18W	G24d-2	magnetic	white/chrome	2.20kg
■ 3034302	TC-T	2x18W	G24d-2	magnetic plus ² *	white/chrome	2.30kg
■ 3034310	TC-TEL	2x18W	G24q-2	High Frequency	white/chrome	1.20kg
■ 3034320	TC-TEL	2x18W	G24q-2	HF 1-10V dimming	white/chrome	1.20kg
■ 3034330	TC-TEL	2x18W	G24q-2	HF emergency**	white/chrome	1.70kg
■ 3034340	TC-T	2x26W	G24d-3	magnetic	white/chrome	2.20kg
■ 3034342	TC-T	2x26W	G24d-3	magnetic plus ² *	white/chrome	2.30kg
■ 3034350	TC-TEL	2x26W	G24q-3	High Frequency	white/chrome	1.30kg
■ 3034360	TC-TEL	2x26W	G24q-3	HF 1-10V dimming	white/chrome	1.30kg
■ 3034370	TC-TEL	2x26W	G24q-3	HF emergency**	white/chrome	1.70kg

CAT NO	ACCESSORIES	COLOUR
■ 3004820	drop ring	opal
■ 3004825	drop ring	anthracite
■ 3004822	clear glass cover (IP44)	
■ 3004823	decorative glass cover (IP44)	
■ 3004824	floating ring	clear
■ 3004829	floating ring	blue
■ 3004826	emergency sign exit	
■ 3004827	emergency sign left/right	
■ 3004828	emergency sign down/straight	



225 magnetic
/HF/HF 1-10V. dim
minimum recess
dimensions:
565 x 335 x 180 mm

* plus² versions include 830 lamps and dust cover

** HF emergency versions incorporates 3 hour maintained emergency unit

INSAVER TC-T 250



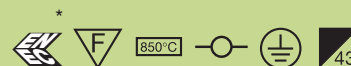
- >> VISUAL FREE HANGING REFLECTOR
- >> HIGH LIGHT OUTPUT
- >> QUICK AND EASY TO INSTALL
- >> IDEAL FOR LARGE AREAS
- >> WIELAND COMPATIBLE
- >> COMPLIES WITH EN12464 (LG3) LIGHT COMFORT

LIGHT SOURCES

>> TC-TEL • GX24q-3
2x32W = 4800 lm



>> TC-TEL • GX24q-4
2x42W = 6400 lm



* pending

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INSAVER TC-T 250

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3034400	TC-TEL	2x32W	G24q-3	High Frequency	white/chrome	1.30kg
■ 3034410	TC-TEL	2x32W	G24q-3	HF 1-10V dimming	white/chrome	1.40kg
■ 3034420	TC-TEL	2x32W	G24q-3	HF emergency*	white/chrome	1.90kg
■ 3034430	TC-TEL	2x42W	G24q-4	High Frequency	white/chrome	1.30kg
■ 3034440	TC-TEL	2x42W	G24q-4	HF 1-10V dimming	white/chrome	1.40kg

CAT NO	ACCESSORIES	COLOUR
■ 3004850	drop ring	opal
■ 3004855	drop ring	anthracite
■ 3004852	clear glass cover (IP44)	
■ 3004853	decorative glass cover (IP44)	
■ 3004854	floating ring	clear
■ 3004859	floating ring	blue



160mm

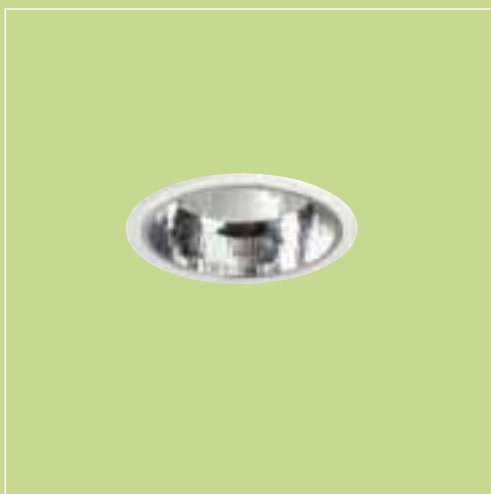
ø 250mm

ø 270mm

250 HF/HF 1-10V. dim
minimum recess
dimensions:
590x350x190mm

* HF emergency versions incorporates 3 hour maintained emergency unit

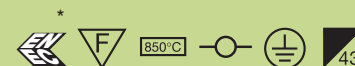
INSAVER HE 175 OPEN



- >> HIGH LIGHT OUTPUT RATIO 68-70%
- >> LOW RECESS DEPTH (MAX 125MM)
- >> ACCESSORIES AVAILABLE
- >> AVAILABLE WITH ELECTRONIC GEAR
- >> SCRATCH RESISTANT REFLECTOR

LIGHT SOURCES

- >> TC-D • G24d-1
TC-DEL • G24q-1
13W = 900 lm
- >> TC-D • G24d-2
TC-DEL • G24q-2
18W = 1200 lm
- >> TC-D • G24d-3
TC-DEL • G24q-3
26W = 1800 lm



* pending

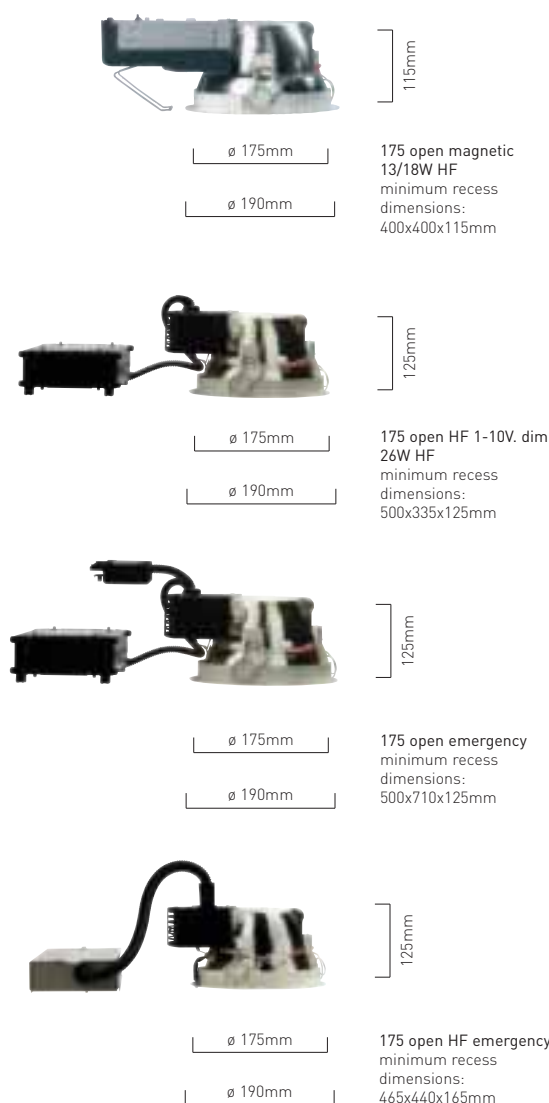
14

INSAVER HE 175 open

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3025800	TC-D	13W	G24d-1	magnetic	white/chrome	1.00kg
3025950	TC-D	13W	G24d-1	magnetic plus ^{2*}	white/chrome	1.40kg
3025810	TC-DEL	13W	G24q-1	High Frequency	white/chrome	0.60kg
3025812	TC-DEL	13W	G24q-1	High Frequency plus ^{2*}	white/chrome	1.00kg
3025830	TC-DEL	13W	G24q-1	HF 1-10V dimming	white/chrome	1.00kg
3025820	TC-DEL	13W	G24q-1	emergency ^{**}	white/chrome	1.00kg
3025840	TC-DEL	13W	G24q-1	HF emergency ^{***}	white/chrome	1.90kg
3025850	TC-D	18W	G24d-2	magnetic	white/chrome	1.00kg
3025960	TC-D	18W	G24d-2	magnetic plus ^{2*}	white/chrome	1.40kg
3025860	TC-DEL	18W	G24q-2	High Frequency	white/chrome	0.60kg
3025862	TC-DEL	18W	G24q-2	High Frequency plus ^{2*}	white/chrome	1.00kg
3025880	TC-DEL	18W	G24q-2	HF 1-10V dimming	white/chrome	1.00kg
3025870	TC-DEL	18W	G24q-2	emergency ^{**}	white/chrome	1.40kg
3025890	TC-DEL	18W	G24q-2	HF emergency ^{***}	white/chrome	2.00kg
3025900	TC-D	26W	G24d-3	magnetic	white/chrome	1.00kg
3025970	TC-D	26W	G24d-3	magnetic plus ^{2*}	white/chrome	1.40kg
3025910	TC-DEL	26W	G24q-3	High Frequency	white/chrome	1.00kg
3025912	TC-DEL	26W	G24q-3	High Frequency plus ^{2*}	white/chrome	1.40kg
3025930	TC-DEL	26W	G24q-3	HF 1-10V dimming	white/chrome	1.00kg
3025920	TC-DEL	26W	G24q-3	emergency ^{**}	white/chrome	1.20kg
3025940	TC-DEL	26W	G24q-3	HF emergency ^{***}	white/chrome	2.00kg

CAT NO	ACCESSORIES	COLOUR
3006920	clear glass cover (IP44)	
3006940	pc dotted cover (IP44)	
3006950	etched decorative glass cover (IP44)	
3006960	aluminium cross louvre	
3005550	floating glass	
3005960	deco trim 175 round	white
3005970	deco trim 175 round	silver
3005964	deco trim 175 square	white
3005974	deco trim 175 square	silver

- * plus²; including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.
- ** emergency unit; 3 hour maintained 10-38W, converter and batteries included, to be ordered separately (3029820)
- *** HF emergency versions incorporates 3 hour maintained emergency unit



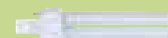
INSAVER HE 225 OPEN



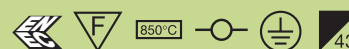
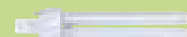
- >> HIGH LIGHT OUTPUT RATIO UP TO 71%
- >> LOW RECESS DEPTH (MAX 130MM)
- >> ACCESSORIES AVAILABLE
- >> AVAILABLE WITH ELECTRONIC GEAR
- >> SCRATCH RESISTANT REFLECTOR

LIGHT SOURCES

- >> TC-D • G24d-2
TC-DEL • G24q-2
2x18W = 2400 lm



- >> TC-D • G24d-3
TC-DEL • G24q-3
2x26W = 3600 lm

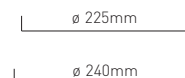


INSAVER HE 225 open

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3029550	TC-D	2x18W	G24d-2	magnetic	white/chrome	2.00kg
3001890	TC-D	2x18W	G24d-2	magnetic plus ² *	white/chrome	2.20kg
3029570	TC-DEL	2x18W	G24q-2	High Frequency	white/chrome	1.50kg
3029572	TC-DEL	2x18W	G24q-2	High Frequency plus ² *	white/chrome	1.60kg
3029610	TC-DEL	2x18W	G24q-2	HF 1-10V dimming	white/chrome	1.20kg
3029590	TC-DEL	2x18W	G24q-2	emergency**	white/chrome	1.80kg
3029630	TC-DEL	2x18W	G24q-2	HF emergency***	white/chrome	2.00kg
3029560	TC-D	2x26W	G24d-3	magnetic	white/chrome	2.60kg
3001880	TC-D	2x26W	G24d-3	magnetic plus ² *	white/chrome	2.90kg
3029580	TC-DEL	2x26W	G24q-3	High Frequency	white/chrome	1.50kg
3029582	TC-DEL	2x26W	G24q-3	High Frequency plus ² *	white/chrome	1.60kg
3029620	TC-DEL	2x26W	G24q-3	HF 1-10V dimming	white/chrome	1.20kg
3029600	TC-DEL	2x26W	G24q-3	emergency**	white/chrome	1.80kg
3029640	TC-DEL	2x26W	G24q-3	HF emergency***	white/chrome	2.00kg



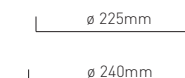
120mm



225 open magnetic
minimum recess
dimensions:
500x500x120mm



130mm

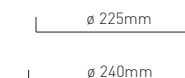


225 open HF/
HF 1-10V. dim.
minimum recess
dimensions:
550x335x130mm

CAT NO	ACCESSORIES	COLOUR
3005700	pc dotted cover (IP44)	
3005710	etched decorative glass cover (IP44)	
3005720	aluminium cross louvre	
3005740	clear glass cover (IP44)	
3005750	emergency sign exit	
3005760	emergency sign exit left/right	
3005770	emergency sign exit down/straight on	
3005790	surface mounting unit (for HF versions)	
3005570	floating glass	
3005980	deco trim 225 round	white
3005990	deco trim 225 round	silver
3005984	deco trim 225 square	white
3005994	deco trim 225 square	silver



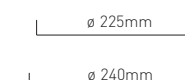
130mm



225 open emergency
minimum recess
dimensions:
500x980x130mm



130mm



225 open HF emergency
minimum recess
dimensions:
465x490x170mm

- * plus²; including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.
- ** emergency unit; 3 hour maintained 10-38W, converter and batteries included, to be ordered separately (3029820)
- *** HF emergency versions incorporates 3 hour maintained emergency unit

INSAVER HE 175 CONE



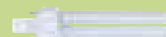
- >> SCRATCH PROOF POLYCARBONATE REFLECTOR
- >> QUICK AND EASY TO INSTALL
- >> LOW RECESS DEPTH (MAX 125MM)
- >> 'FLOATING' FRESNEL DIFFUSER
- >> CLOSED FIXTURE WITH IP44 CLASSIFICATION

LIGHT SOURCES

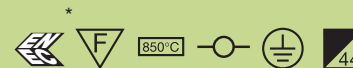
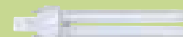
- >> TC-D • G24d-1
TC-DEL • G24q-1
13W = 900 lm



- >> TC-D • G24d-2
TC-DEL • G24q-2
18W = 1200 lm



- >> TC-D • G24d-3
TC-DEL • G24q-3
26W = 1800 lm



* pending

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INSAVER HE 175 cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3033010	TC-D	13W	G24d-1	magnetic	white/chrome	1.00kg
■ 3033020	TC-D	13W	G24d-1	magnetic plus ^{2*}	white/chrome	1.35kg
■ 3033030	TC-DEL	13W	G24q-1	High Frequency	white/chrome	0.50kg
■ 3033032	TC-DEL	13W	G24q-1	High Frequency plus ^{2*}	white/chrome	1.00kg
■ 3033040	TC-DEL	13W	G24q-1	emergency**	white/chrome	1.50kg
■ 3033050	TC-DEL	13W	G24q-1	HF emergency***	white/chrome	1.50kg
■ 3033060	TC-D	18W	G24d-2	magnetic	white/chrome	1.00kg
■ 3033070	TC-D	18W	G24d-2	magnetic plus ^{2*}	white/chrome	1.50kg
■ 3033080	TC-DEL	18W	G24q-2	High Frequency	white/chrome	0.50kg
■ 3033082	TC-DEL	18W	G24q-2	High Frequency plus ^{2*}	white/chrome	0.50kg
■ 3033090	TC-DEL	18W	G24q-2	emergency**	white/chrome	1.50kg
■ 3033100	TC-DEL	18W	G24q-2	HF emergency***	white/chrome	1.50kg
■ 3033110	TC-D	26W	G24d-3	magnetic	white/chrome	1.00kg
■ 3033120	TC-D	26W	G24d-3	magnetic plus ^{2*}	white/chrome	1.50kg
■ 3033130	TC-DEL	26W	G24q-3	High Frequency	white/chrome	1.00kg
■ 3033132	TC-DEL	26W	G24q-3	High Frequency plus ^{2*}	white/chrome	1.50kg
■ 3033140	TC-DEL	26W	G24q-3	emergency**	white/chrome	1.50kg
■ 3033150	TC-DEL	26W	G24q-3	HF emergency***	white/chrome	1.50kg

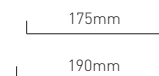
CAT NO	ACCESSORIES	COLOUR
3006920	clear glass cover (IP44)	
3006940	pc dotted cover (IP44)	
3006950	etched decorative glass cover (IP44)	
3005550	floating glass	
■ 3005960	deco trim 175 round	white
■ 3005970	deco trim 175 round	silver
■ 3005964	deco trim 175 square	white
■ 3005974	deco trim 175 square	silver

* plus²: including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.

** emergency unit; 3 hour maintained 10-38W, converter and batteries included, to be ordered separately (3029820)

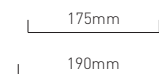
*** HF emergency versions incorporates 3 hour maintained emergency unit

Lumiance 2007



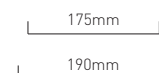
115mm

175 cone magnetic/HF
13/18W HF
minimum recess dimensions:
400x400x115mm



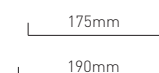
125mm

175 cone HF
26W
minimum recess
dimensions:
500x335x125mm



125mm

175 cone emergency
minimum recess
dimensions:
500x710x125mm



125mm

175 cone HF emergency
minimum recess
dimensions:
465x440x165mm

INSAVER HE 225 CONE



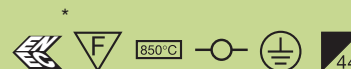
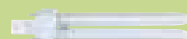
- >> SCRATCH PROOF POLYCARBONATE REFLECTOR
- >> QUICK AND EASY TO INSTALL
- >> LOW RECESS DEPTH (MAX 130 MM)
- >> 'FLOATING' FRESNEL DIFFUSER
- >> CLOSED FIXTURE WITH IP44 CLASSIFICATION

LIGHT SOURCES

- >> TC-D • G24d-2
TC-DEL • G24q-2
2x18W = 2400 lm



- >> TC-D • G24d-3
TC-DEL • G24q-3
2x26W = 3600 lm



* pending

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INSAVER HE 225 cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3033160	TC-D	2x18W	G24d-2	magnetic	white/chrome	1.50kg
■ 3033170	TC-D	2x18W	G24d-2	magnetic plus ^{2*}	white/chrome	2.00kg
■ 3033180	TC-DEL	2x18W	G24q-2	High Frequency	white/chrome	1.00kg
■ 3033182	TC-DEL	2x18W	G24q-2	High Frequency plus ^{2*}	white/chrome	1.50kg
■ 3033190	TC-DEL	2x18W	G24q-2	emergency**	white/chrome	2.00kg
■ 3033200	TC-DEL	2x18W	G24q-2	HF emergency***	white/chrome	2.00kg
■ 3033210	TC-D	2x26W	G24d-3	magnetic	white/chrome	2.50kg
■ 3033220	TC-D	2x26W	G24d-3	magnetic plus ^{2*}	white/chrome	3.00kg
■ 3033230	TC-DEL	2x26W	G24q-3	High Frequency	white/chrome	1.50kg
■ 3033232	TC-DEL	2x26W	G24q-3	High Frequency plus ^{2*}	white/chrome	1.70kg
■ 3033240	TC-DEL	2x26W	G24q-3	emergency**	white/chrome	2.00kg
■ 3033250	TC-DEL	2x26W	G24q-3	HF emergency***	white/chrome	2.00kg



120mm

225mm

240mm

225 cone magnetic
minimum recess
dimensions:
500x500x120mm



130mm

225mm

240mm

225 cone HF
minimum recess
dimensions:
550x335x130mm

CAT NO	ACCESSORIES	COLOUR
3005700	pc dotted cover (IP44)	
3005710	etched decorative glass cover (IP44)	
3005740	clear glass cover (IP44)	
3005750	emergency sign exit	
3005760	emergency sign exit left/right	
3005770	emergency sign exit down/straight on	
3005790	surface mounting unit (for HF versions)	
3005570	floating glass	
■ 3005980	deco trim 225 round	white
■ 3005990	deco trim 225 round	silver
■ 3005984	deco trim 225 square	white
■ 3005994	deco trim 225 square	silver



130mm

225mm

240mm

225 cone emergency
minimum recess
dimensions:
500x980x130mm



130mm

225mm

240mm

225 cone HF emergency
minimum recess
dimensions:
465x490x170mm

- * plus²; including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.
- ** emergency unit; 3 hour maintained 10-38W, converter and batteries included, to be ordered separately [3029820]
- *** HF emergency versions incorporates 3 hour maintained emergency unit

INSAVER HE 175 TOPPER



- >> LOW RECESS DEPTH (115MM)
- >> IDEAL FOR HUMID AREAS
- >> OPAL DIFFUSER
- >> QUICK AND EASY TO INSTALL
- >> EVEN LIGHT OUTPUT

LIGHT SOURCES

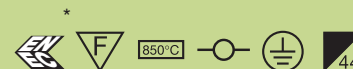
>> TC-D • G24d-1
TC-DEL • G24q-1
13W = 900 lm



>> TC-D • G24d-2
TC-DEL • G24q-2
18W = 1200 lm



>> TC-D • G24d-3
TC-DEL • G24q-3
26W = 1800 lm



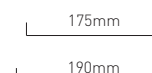
* pending

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INSAVER HE 175 topper

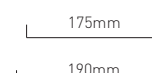
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3033510	TC-D	13W	G24d-1	magnetic	white/opal	1.00kg
■ 3033520	TC-D	13W	G24d-1	magnetic plus ^{2*}	white/opal	1.50kg
■ 3033530	TC-DEL	13W	G24q-1	High Frequency	white/opal	0.50kg
■ 3033532	TC-DEL	13W	G24q-1	High Frequency plus ^{2*}	white/opal	1.00kg
■ 3033560	TC-D	18W	G24d-2	magnetic	white/opal	1.00kg
■ 3033570	TC-D	18W	G24d-2	magnetic plus ^{2*}	white/opal	1.50kg
■ 3033580	TC-DEL	18W	G24q-2	High Frequency	white/opal	0.50kg
■ 3033582	TC-DEL	18W	G24q-2	High Frequency plus ^{2*}	white/opal	1.00kg
■ 3033610	TC-D	26W	G24d-3	magnetic	white/opal	1.00kg
■ 3033630	TC-DEL	26W	G24q-3	High Frequency	white/opal	1.00kg
■ 3033632	TC-DEL	26W	G24q-3	High Frequency plus ^{2*}	white/opal	1.50kg

CAT NO	ACCESSORIES	COLOUR
■ 3005960	deco trim 175 round	white
■ 3005970	deco trim 175 round	silver
■ 3005964	deco trim 175 square	white
■ 3005974	deco trim 175 square	silver



115mm

175 topper magnetic/HF
13/18W HF
minimum recess
dimensions:
400x400x115mm

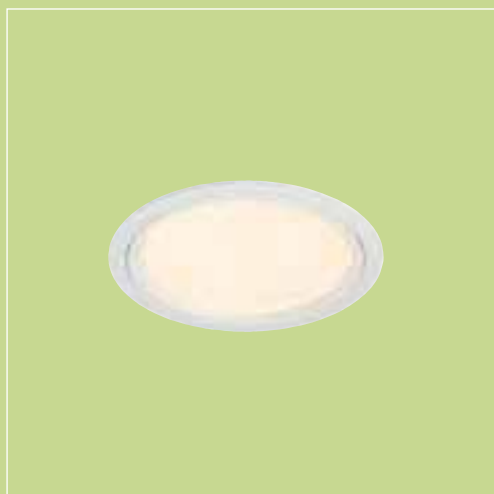


115mm

175 topper HF
26W
minimum recess
dimensions:
500x335x125mm

* plus²: including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.

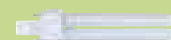
INSAVER HE 225 TOPPER



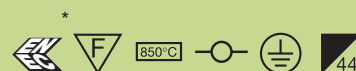
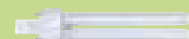
- >> LOW RECESS DEPTH (115MM)
- >> IDEAL FOR HUMID AREAS
- >> OPAL DIFFUSER
- >> QUICK AND EASY TO INSTALL
- >> EVEN LIGHT OUTPUT

LIGHT SOURCES

- >> TC-D • G24d-2
TC-DEL • G24q-2
2x18W = 2400 lm



- >> TC-D • G24d-3
TC-DEL • G24q-3
2x26W = 3600 lm

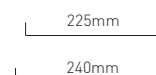


* pending

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INSAVER HE 225 topper

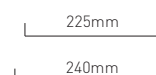
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3033660	TC-D	2x18W	G24d-2	magnetic	white/opal	2.00kg
■ 3033680	TC-DEL	2x18W	G24q-2	High Frequency	white/opal	1.00kg
■ 3033682	TC-DEL	2x18W	G24q-2	High Frequency plus ² *	white/opal	2.00kg
■ 3033760	TC-D	2x26W	G24d-3	magnetic	white/opal	2.50kg
■ 3033780	TC-DEL	2x26W	G24q-3	High Frequency	white/opal	1.00kg
■ 3033782	TC-DEL	2x26W	G24q-3	High Frequency plus ² *	white/opal	2.00kg



120mm

225 topper magnetic
minimum recess
dimensions:
500x500x125mm

CAT NO	ACCESSORIES	COLOUR
3005790	surface mounting unit (for HF versions)	
■ 3005980	deco trim 225 round	white
■ 3005990	deco trim 225 round	silver
■ 3005984	deco trim 225 square	white
■ 3005994	deco trim 225 square	silver



130mm

225 topper HF
minimum recess
dimensions:
550x335x130mm

* plus²; including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.

INSAVER CLASSIC

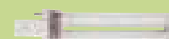
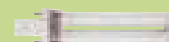
150/180 CONE

- >> CHROME CONE VERSIONS
- >> LOW RECESS DEPTH (MAX 92MM)
- >> QUICK AND EASY TO INSTALL
- >> IP44 CLASSIFICATION
- >> PLUS VERSIONS WITH LAMP(S) AND GST 18/3



LIGHT SOURCES

- >> TC • G23
7W = 400 lm
2x7W = 800 lm
- >> TC • G23
2x9W = 1200 lm
- >> TC-D • G24d-1
13W = 900 lm



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INSAVER CLASSIC 150 cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3023200	TC-S	7W	G23	magnetic (no pfc)	white/chrome	0.80kg
3001580	TC-S	7W	G23	magnetic plus ² * (no pfc)	white/chrome	0.80kg
3023250	TC-S	2x7W	G23	magnetic (no pfc)	white/chrome	0.80kg
3001600	TC-S	2x7W	G23	magnetic plus ² * (no pfc)	white/chrome	0.80kg
3023260	TC-S	2x7W	G23	magnetic (no pfc)	white/brass	0.80kg
3023440	TC-D	13W	G24d-1	magnetic (no pfc)	white/chrome	0.70kg
3002020	TC-D	13W	G24d-1	magnetic plus ² * (no pfc)	white/chrome	0.70kg
3023450	TC-D	13W	G24d-1	magnetic (no pfc)	white/brass	0.70kg
3023040	TC-D	13W	G24d-1	magnetic (no pfc)	white/white	0.80kg



85mm

ø 150mm

ø 170mm

150 cone 7W/2x7W
minimum recess
dimensions:
310x250x85mm

INSAVER CLASSIC 180 cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3023300	TC-S	2x9W	G23	magnetic (no pfc)	white/chrome	0.90kg
3001860	TC-S	2x9W	G23	magnetic plus ² * (no pfc)	white/chrome	0.90kg
3023310	TC-S	2x9W	G23	magnetic plus ² * (no pfc)	white/brass	0.90kg



90mm

ø 152mm

ø 170mm

150 cone 13W
minimum recess
dimensions:
315x255x90mm

* plus²: including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.



92mm

ø 180mm

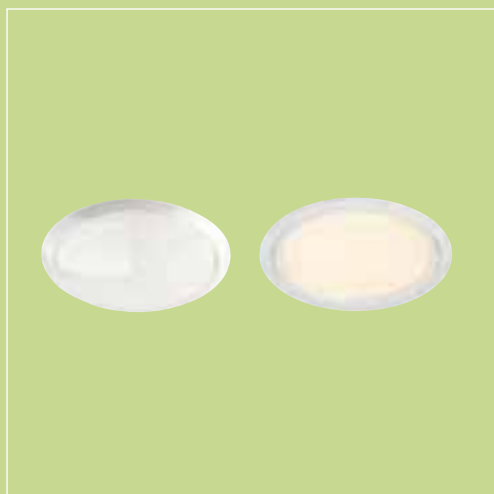
ø 200mm

180 cone 2x9W
minimum recess
dimensions:
340x280x92mm

INSAVER CLASSIC

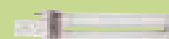
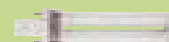
150/180 TOPPER

- >> OPAL DIFFUSER
- >> LOW RECESS DEPTH (MAX 92MM)
- >> QUICK AND EASY TO INSTALL
- >> IP44 CLASSIFICATION
- >> PLUS VERSIONS WITH LAMP(S) AND GST 18/3



LIGHT SOURCES

- >> TC • G23
7W = 400 lm
2x7W = 800 lm
- >> TC • G23
2x9W = 1200 lm
- >> TC-D • G24d-1
13W = 900 lm



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INSAVER CLASSIC 150 topper

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3023220	TC-S	7W	G23	magnetic (no pfc)	white/opal	0.80kg
3001590	TC-S	7W	G23	magnetic plus ² * (no pfc)	white/opal	1.00kg
3023270	TC-S	2x7W	G23	magnetic (no pfc)	white/opal	0.80kg
3001610	TC-S	2x7W	G23	magnetic plus ² * (no pfc)	white/opal	1.00kg
3023460	TC-D	13W	G24d-1	magnetic (no pfc)	white/opal	0.70kg
3002030	TC-D	13W	G24d-1	magnetic plus ² * (no pfc)	white/opal	1.00kg



ø 150mm

ø 170mm

85mm

150 topper 7W/2x7W
minimum recess
dimensions:
310x250x85mm

INSAVER CLASSIC 180 topper

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3023320	TC-S	2x9W	G23	magnetic (no pfc)	white/opal	0.90kg



ø 152mm

ø 170mm

90mm

150 topper 13W
minimum recess
dimensions:
315x255x90mm

* plus²; including lamp(s) type 830, installed supply cord with male GSTF/3 plug, extension cord with female GBUF/3 plug and CEE hybrid mains plug, dust cover.



ø 180mm

ø 200mm

92mm

180 topper 2x9W
minimum recess
dimensions:
340x280x92mm

INSAVER QUADRETTO



- >> SQUARE COMPACT FLUORESCENT DOWNLIGHT
- >> HIGH LIGHT OUTPUT RATIO UP TO 68%
- >> LOW RECESS DEPTH OF 115MM
- >> IP44 WITH GLASS COVER (CFL VERSION ONLY)
- >> HIT VERSION INCLUDES GLASS COVER (IP44 RATED)
- >> SUNFILTER ACCESSORY FOR HIT VERSIONS

LIGHT SOURCES

- >> TC-T • GX24d-3
TC-TEL • GX24q-3
26W = 1800 lm
2x26W = 3600 lm



- >> HIT • G12
35/70/150W =
3400/6400/14000 lm



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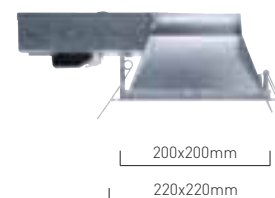
INSAVER QUADRETTO

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3029210	TC-T	26W	GX24d-3	magnetic	white	1.80kg
3029230	TC-T	26W	GX24d-3	magnetic	matt silver	1.80kg
3029260	TC-TEL	26W	GX24q-3	High Frequency	white	1.10kg
3029280	TC-TEL	26W	GX24q-3	High Frequency	matt silver	1.10kg
3029320	TC-TEL	26W	GX24q-3	HF emergency*	white	2.20kg
3029340	TC-TEL	26W	GX24q-3	HF emergency*	matt silver	2.00kg
3029360	TC-T	2x26W	GX24d-3	magnetic	white	2.90kg
3029380	TC-T	2x26W	GX24d-3	magnetic	matt silver	2.90kg
3029410	TC-TEL	2x26W	GX24q-3	High Frequency	white	1.20kg
3029430	TC-TEL	2x26W	GX24q-3	High Frequency	matt silver	1.20kg
3029470	TC-TEL	2x26W	GX24q-3	HF emergency*	white	2.20kg
3029490	TC-TEL	2x26W	GX24q-3	HF emergency*	matt silver	2.20kg
3029440	HIT	35/70/150W	G12	**	white	0.95kg
3029450	HIT	35/70/150W	G12	**	matt silver	0.95kg

CAT NO	ACCESSORIES
3057800	etched decorative glass cover (IP44)
3029820	emergency unit
3006840	sunfilter

Quadretto HIT

- * HF emergency versions incorporates 3 hour maintained emergency unit
 ** for use with Lumipower gear, see page 92



115mm

26W/2x26W magnetic
26W HF
minimum recess
dimensions:
500x500x115mm



115mm

2x26W HF
minimum recess
dimensions:
525x500x115mm



115mm

emergency lighting version
minimum recess
dimensions:
515x515x115mm



125mm

44
35/70/150W
minimum recess
dimensions:
500x500x125mm

INSAVER MICROSAVER



- >> VERY COMPACT DIMENSIONS
- >> WHITE, MATT SILVER AND BRUSHED ALUMINIUM
- >> RECESSED AND SURFACE MOUNTED VERSIONS
- >> FROSTED FRONT GLASS
- >> FOR SYLVANIA MICRO-LYNX F AND MICRO-LYNX LED LAMPS
- >> INCL. 0.6M CABLE AND CONNECTION BOX

LIGHT SOURCES

- >> TC-FSE • GX53
6W = 220 lm



23

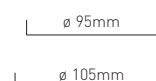
INSAVER MICROSAVER supplied with Sylvania Micro-Lynx F 6W, 220lm lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026100	TC-FSE	6W	GX53	recessed	brushed aluminium	0.27kg
3026150	TC-FSE	6W	GX53	recessed	white	0.27kg
3026170	TC-FSE	6W	GX53	recessed	matt silver	0.27kg
3026110	TC-FSE	6W	GX53	surface mounted	brushed aluminium	0.25kg
3026160	TC-FSE	6W	GX53	surface mounted	white	0.25kg
3026180	TC-FSE	6W	GX53	surface mounted	matt silver	0.25kg

INSAVER MICROSAVER

supplied without lamp, suitable for Sylvania Micro-Lynx F and Micro-Lynx LED lamps

CAT NO	CAP	MODEL	COLOUR	WEIGHT
■ 3026105	GX53	recessed	brushed aluminium	0.27kg
■ 3026155	GX53	recessed	white	0.27kg
■ 3026175	GX53	recessed	matt silver	0.27kg
■ 3026115	GX53	surface mounted	brushed aluminium	0.25kg
■ 3026165	GX53	surface mounted	white	0.25kg
■ 3026185	GX53	surface mounted	matt silver	0.25kg



33mm

recessed
minimum recess
dimensions:
ø 95x33mm



35mm

surface mounted

Please see page 24 for Sylvania's range of Micro-Lynx F and Micro-Lynx LED coloured lamps.

MICRO-LYNX LED/F



- >> INTEGRATED ELECTRONIC TRANSFORMER
- >> OPERATES ON MAINS SUPPLY
(NO TRANSFORMERS REQUIRED)
- >> GX53 'TWIST AND LOCK' CAP
- >> MICRO-LYNX LED
SATIN AND CLEAR IN 5 COLOURS
- >> MICRO-LYNX F
827,830,840, RED, GREEN AND BLUE COLOURS

LIGHT SOURCES

- >> LED-FSE • GX53
1,5W



- >> TC-FSE • GX53
6W=220 lm



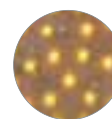
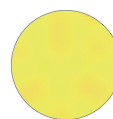
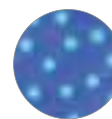
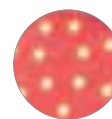
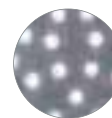
24

MICRO-LYNX LED LAMP

CAT NO	LAMP	W	MODEL	COLOUR
■ 0025060	Micro-Lynx LED	1,5W	satin	white
■ 0025061	Micro-Lynx LED	1,5W	satin	red
■ 0025062	Micro-Lynx LED	1,5W	satin	green
■ 0025063	Micro-Lynx LED	1,5W	satin	blue
■ 0025064	Micro-Lynx LED	1,5W	satin	yellow
■ 0025065	Micro-Lynx LED	1,5W	clear	white
■ 0025066	Micro-Lynx LED	1,5W	clear	red
■ 0025067	Micro-Lynx LED	1,5W	clear	green
■ 0025068	Micro-Lynx LED	1,5W	clear	blue
■ 0025069	Micro-Lynx LED	1,5W	clear	yellow

MICRO-LYNX F LAMP

CAT NO	LAMP	W	MODEL	COLOUR
■ 0025214	Micro-Lynx F	6W	clear	2700°K
■ 0025218	Micro-Lynx F	6W	clear	3000°K
■ 0025219	Micro-Lynx F	6W	clear	4000°K
■ 0025244	Micro-Lynx F	6W	clear	red
■ 0025245	Micro-Lynx F	6W	clear	green
■ 0025246	Micro-Lynx F	6W	clear	blue



Micro-Lynx LED lamp
satin

Micro-Lynx LED lamp
clear

INSAVER MICRO-LYNX F



- >> ULTRA SLIM COMPACT FLUORESCENT DOWNLIGHT
- >> RECESSED, SEMI-RECESSED AND SURFACE MOUNTED OPTIONS
- >> WHITE AND MATT SILVER FINISH
- >> INCL. 2M CABLE WITH PLUG FOR 6-WAY WIRING CONNECTOR

LIGHT SOURCES

- >> TC-FSE • GX53
6W = 220 lm



25

INSAVER MICRO-LYNX F supplied with Sylvania Micro-Lynx F 6W 830 lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
2033430	TC-FSE	6W	GX53	recessed	white	0.10kg
2033435	TC-FSE	6W	GX53	recessed	matt silver	0.10kg
2033436	TC-FSE	6W	GX53	semi-recessed	white	0.10kg
2033442	TC-FSE	6W	GX53	semi-recessed	matt silver	0.10kg
2033443	TC-FSE	6W	GX53	surface mounted	white	0.10kg
2033448	TC-FSE	6W	GX53	surface mounted	matt silver	0.10kg

CAT NO ACCESSORIES

2425917 6-way wiring connector with 3m. connecting cable

Also suitable for Sylvania Micro-Lynx LED lamps.
Please see page 24 for Sylvania's range of Micro-Lynx F and Micro-Lynx LED coloured lamps.



25mm

ø 78mm

ø 85mm

recessed
minimum recess
dimensions:
ø 78x25mm



12mm

25mm

ø 78mm

ø 85mm

semi-recessed
minimum recess
dimensions:
ø 78x12mm



25mm

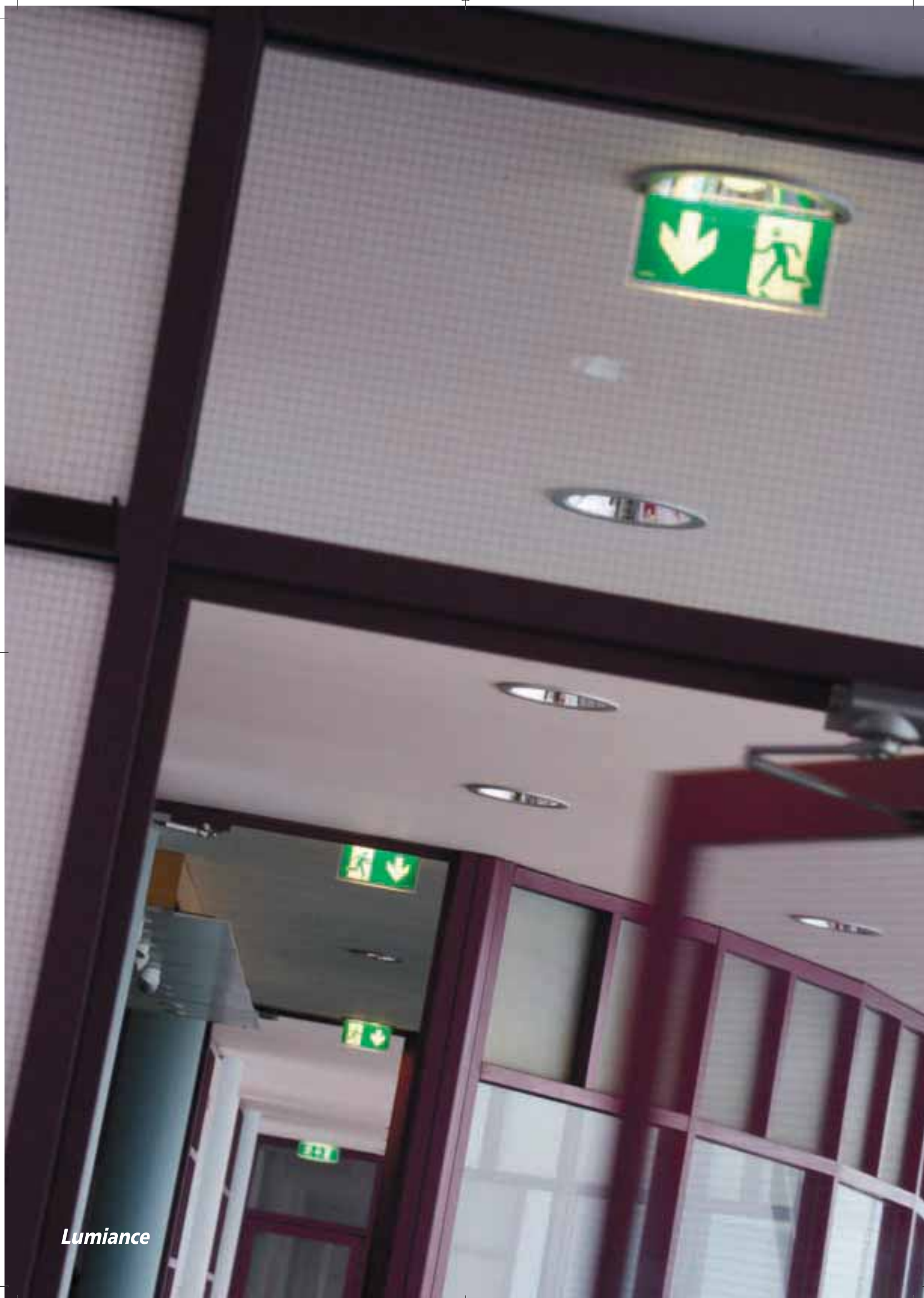
ø 78mm

ø 100mm

surface mounted



6-way wiring connector with 3m. connecting cable



Lumiance

EMERGENCY ACCESSORIES

INSAVER 225 HE/TC-T

For Insaver 225 HE and Insaver 225 TC-T.

Escape route signs can easily be attached to luminaires before or after installation.

The emergency power supply must be ordered separately.
Supplied including batteries. Charging indicated by a green LED.
In emergency mode one lamp operates from battery.

27

ESCAPE ROUTE SIGNS

CAT NO	MODEL
3005750	Insaver HE emergency exit sign - exit
3005760	Insaver HE emergency exit sign - left/right
3005770	Insaver HE emergency exit sign - down/straight on
3004826	Insaver TC-T emergency exit sign - exit
3004827	Insaver TC-T emergency exit sign - left/right
3004828	Insaver TC-T emergency exit sign - down/straight on

can be mounted before and after installation



width: 240mm
height: 120mm
thickness: 8mm

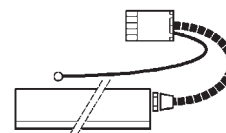


material: PMMA (Perspex)



EMERGENCY POWER SUPPLY

CAT NO	MODEL	WEIGHT
3029820	emergency power supply unit 10-38W self-maintained 3 h, recharge time 24 h	2.40kg



power supply
dimensions: 350x100x50mm

REPLACEMENT BATTERY PACKS for Insaver HE HF emergency

CAT NO	MODEL
3029830	emergency battery pack HE HF 13W
3029840	emergency battery pack HE HF 18W
3029850	emergency battery pack HE HF 26W

REPLACEMENT BATTERY PACKS for Insaver TC-T HF emergency

CAT NO	MODEL
3000518	emergency battery pack TC-T HF 18W
3000526	emergency battery pack TC-T HF 26W
3000527	emergency battery pack TC-T HF 32W

the emergency power supply unit must be ordered separately

INSAVER ACCESSORIES

The range of Lumiance downlights for general compact fluorescent lighting is very comprehensive. A wide range of accessories for Insaver TC-T, HE, Classic and Quadretto is available for extra lighting comfort, more decorative effects and safety. These accessories enlarge the application possibilities of Insaver downlights and achieve a more beautiful and luxurious lighting. All accessories are easy to install.

28



aluminium cross louvre
Insaver HE (175 225)



floating glass
Insaver HE, TC-T (175 225 250)



surface mounting unit
Insaver HE (175 225)



pc dotted cover (IP44)
Insaver HE, TC-T (175 225)



deco trim square



clear glass cover
Insaver HE, TC-T (175 225 250)



etched decorative glass cover (IP44)
Insaver HE, TC-T (175 225 250)



deco trim round



etched decorative glass cover (IP44)
Insaver Quadretto

- >> FOR WIDER AND BETTER APPLICATION POSSIBILITIES
- >> QUICK AND EASY TO INSTALL
- >> FOR BETTER PERFORMANCE
- >> FOR PROFESSIONAL APPEARANCE
- >> FOR COMBINED APPLICATIONS



drop ring
Insaver TC-T (175 225 250)



drop ring antracit
Insaver TC-T (175 225 250)



emergency sign exit
Insaver HE, TC-T (225)



clear glass cover
Insaver TC-T (175 225 250)



decorative glass cover
Insaver TC-T (175 225 250)



emergency sign exit left/right
Insaver HE, TC-T (225)



floating ring
Insaver TC-T (175 225 250)



floating ring blue
Insaver TC-T (175 225 250)



emergency sign exit down/straight on
Insaver HE, TC-T (225)



MANUFACTURED FROM DIE-CAST ALUMINIUM, MOTTO IS AVAILABLE IN THREE SIZES AND IN ROUND OR SQUARE MODULAR FORMATS. THIS COMPREHENSIVE RANGE ALLOWS THE DESIGNER TO CHOOSE FIXTURES FOR MAINS OR LOW VOLTAGE HALOGEN, COMPACT FLUORESCENT OR HIGH INTENSITY DISCHARGE LAMPS.

ROUND VERSIONS ARE AVAILABLE IN WHITE, BRUSHED ALUMINIUM OR MATT SILVER AND ARE SUPPLIED COMPLETE. MODULAR VERSIONS ARE AVAILABLE IN BRUSHED ALUMINIUM OR MATT SILVER AND BOTH DUO AND TRIO OPTIONS HAVE THE ADDED FLEXIBILITY OF ALLOWING DIFFERENT LAMP TYPES TO BE ACCOMMODATED WITHIN THE SAME FIXTURE.

VERSATILE AND COMPACT, THE NEW MOTTO DOWNLIGHT RANGE IS THE IDEAL SOLUTION FOR ACCENT, GENERAL, DISPLAY AND WALLWASH LIGHTING IN SHOPS, HOTELS, RESTAURANTS, GALLERIES AND SHOWROOMS.

MOTTO



MOTTO 82

With a cut out diameter of 82mm the Motto 82 range is designed for use with the Hi-Spot ES50 GU10 mains voltage halogen lamp, Superia 12V GU/GX5.3 Coolbeam halogen lamp and the new BriteSpot ES50 35W GX10 metal halide lamp. The new unique Britespot ES50 35W GX10 metal halide lamp from Sylvania has a similar footprint to that of a GU10 lamp but with an efficacy of 65 lm/W, a colour rendering index (CRI) of 90 and a stable colour temperature of 3000° K.

Duo and Trio options have the added flexibility of being able to integrate different light sources within the same fixture. Accessories include an aluminium high gloss cone for decorative purposes and a matt black comfort ring to reduce glare.



MOTTO 110

With a cut out diameter of 110mm the Motto 110 range is designed for use with QT12-ax 75W halogen lamps, 10W TC-D compact fluorescent lamps and CMI-TC 35/70W (ceramic) metal halide light sources.



MOTTO 144

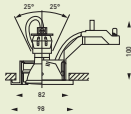
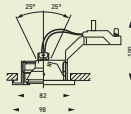
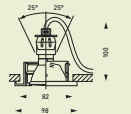
With a cut out diameter of 144mm the Motto 144 range offers the widest choice of all Motto fixtures. Choose from Hi-Spot ES111 GU10 Mains Voltage Halogen, 12V QR111 100W, compact fluorescent 18W TC-T, CMI-T 35/70/150W (ceramic) metal halide, SDW-TG 100W high intensity discharge lamps and the BriteSpot ES111 35W GX10 metal halide lamp. Duo and Trio options have the added flexibility of being able to integrate different light sources, within the same fixture.



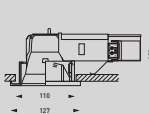
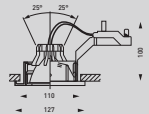
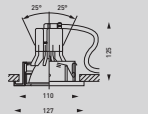
LUMITRONIC AND LUMIPOWER

All transformers and control gears must be ordered separately: Lumitronic transformers and Lumipower control gear are ideal for the Motto range. For more information see pages 92 and 93.

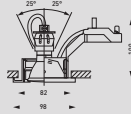
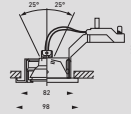
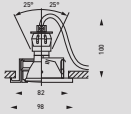
MOTTO 82

		
QPAS51 • GU10 50W = 525 lm	QR-CB51 • GU/GX5.3 50W = 1000 lm	HIPAS51 • GX10 35W = 3300 lm
		
3035010 white 3035710 white + lamp 3035020 matt silver 3035000 brushed alu. 3035720 brushed alu. + lamp	3035030 white, 3035040 matt silver 3035050 brushed alu.	3035060 white 3035070 matt silver 3035660 brushed alu.

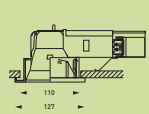
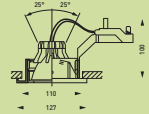
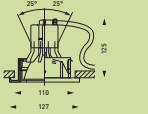
MOTTO 110

		
TC-D • G24d-1 10W = 600 lm	QT-ax12 • GY6.35 75W = 1600 lm	HIT • G8.5 35/70W = 6200 lm
		
3035260 white 3035270 matt silver	3035210 white 3035220 matt silver	3035230 white 3035240 matt silver

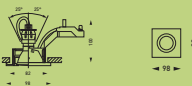
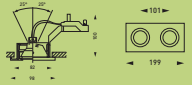
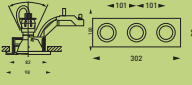
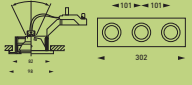
MOTTO 82 MODULAR

		
3035080 matt silver 3035200 brushed alu.	3035090 matt silver 3035190 brushed alu.	3035100 matt silver 3035670 brushed alu..
		
MONO 3035130 matt silver 3035160 brushed alu.	DUO 3035140 matt silver 3035170 brushed alu.	TRIO 3035150 matt silver 3035180 brushed alu.

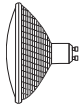
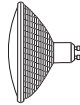
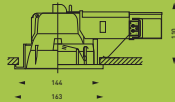
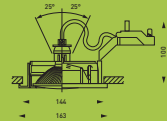
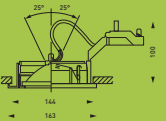
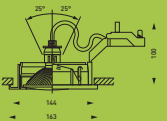
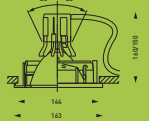
MOTTO 110 MODULAR

		
3035300 matt silver	3035280 matt silver	3035290 matt silver
		
MONO 3035330 matt silver	DUO 3035340 matt silver	TRIO 3035350 matt silver

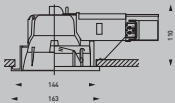
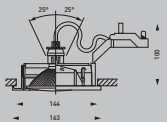
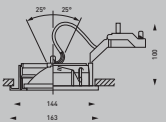
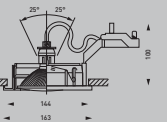
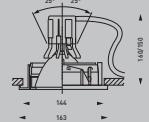
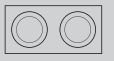
TREND (incl lamp)

	
3035730 + lamp, brushed alu.	3035830 + lamp, brushed alu.
	
3035740 + lamp, brushed alu.	3035840 + lamp, brushed alu.
	
3035750 + lamp, brushed alu.	3035850 + lamp, brushed alu.

MOTTO 144

 TC-T • G24d-2 18W = 1200 lm	 QPAR111 • GU10 75W = 1100 lm	 QR-LP111 • G53 100W = 1800 lm	 HIPAR111 • GX10 35W = 3300 lm	 HIT • G12 150W = 13500 lm
 3035430 white 3035440 matt silver	 3035500 white 3035510 matt silver	 3035410 white 3035420 matt silver	 ■ 3035920 white ■ 3035940 matt silver	 3035460 white 3035470 matt silver

MOTTO 144 MODULAR

 3035610 matt silver	 3035620 matt silver	 3035580 matt silver	 ■ 3035950 matt silver	 3035590 matt silver
 MONO 3035630 matt silver	 DUO 3035640 matt silver	 TRIO 3035650 matt silver		

MOTTO

82



- >> BRITESPOT ES50 METAL HALIDE, HI-SPOT ES50, 12V COOLBEAM LAMPS
- >> EASY RELAMPING
- >> LOW RECESS DEPTH OF 100 MM
- >> 2X25° TILT AND 355° ROTATION
- >> CONE AND COMFORT ACCESSORIES

LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm
- >> HIPAR51 • GX10
35W = 3300 lm



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MOTTO 82



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035010	QPAR51	50W	GU10	Hi-Spot ES50	white	0.20kg
3035020	QPAR51	50W	GU10	Hi-Spot ES50	matt silver	0.20kg
3035000	QPAR51	50W	GU10	Hi-Spot ES50	brushed alu	0.20kg
3035030	QR-CB51	50W	GU/GX5.3	Cool 50	white	0.20kg
3035040	QR-CB51	50W	GU/GX5.3	Cool 50	matt silver	0.20kg
3035050	QR-CB51	50W	GU/GX5.3	Cool 50	brushed alu	0.20kg

supplied with Sylvania BriteSpot ES50 35W 60° metal halide lamp and comfort accessory

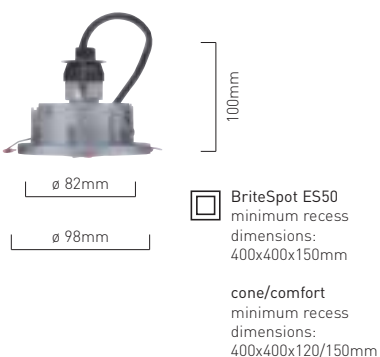
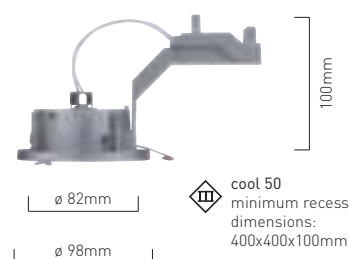
3035060	HIPAR51	35W	GX10	BriteSpot ES50	white	0.20kg
3035070	HIPAR51	35W	GX10	BriteSpot ES50	matt silver	0.20kg
3035660	HIPAR51	35W	GX10	BriteSpot ES50	brushed alu	0.20kg

supplied with Sylvania BriteSpot ES50 35W 38° metal halide and comfort accessory

3035061	HIPAR51	35W	GX10	BriteSpot ES50	white	0.20kg
3035071	HIPAR51	35W	GX10	BriteSpot ES50	matt silver	0.20kg
3035661	HIPAR51	35W	GX10	BriteSpot ES50	brushed alu	0.20kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3035110	cone	high gloss aluminium	0.01kg
3035120	comfort	black	0.01kg

to be used with Lumipower Slim HF 35W HF gear (cat no 3006090) or HF 35W (cat no 3006730)
for use with Lumitronic transformers see page 93 and Lumipower gear see page 92
for easy mounting on insulated false ceilings, recess boxes are available see page 91



MOTTO

82 MODULAR



MODULAR SYSTEM MOTTO 82

LAMP UNIT*

CEILING PLATE*

Hi-Spot ES50
QPAR51 50W GU10

Cool 50
QR-CB51 50W GU/GX 5.3

BriteSpot ES50
HIPAR51 35W GX10

* always order lamp unit(s) and appropriate ceiling plate. Available in matt silver or brushed aluminium

35

MOTTO 82 MODULAR

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035080	QPAR51 50W GU10			Hi-Spot ES50	matt silver	0.20kg
3035200	QPAR51 50W GU10			Hi-Spot ES50	brushed alu	0.20kg
3035090	QR-CB51 50W GU/GX5.3			Cool 50	matt silver	0.20kg
3035190	QR-CB51 50W GU/GX5.3			Cool 50	brushed alu	0.20kg

supplied with Sylvania BriteSpot ES50 35W 60° metal halide lamp and comfort accessory

3035100	HIPAR51 35W GX10			BriteSpot ES50	matt silver	0.20kg
3035670	HIPAR51 35W GX10			BriteSpot ES50	brushed alu	0.20kg

supplied with Sylvania BriteSpot ES50 35W 38° metal halide lamp and comfort accessory

3035101	HIPAR51 35W GX10			BriteSpot ES50	matt silver	0.20kg
3035671	HIPAR51 35W GX10			BriteSpot ES50	brushed alu	0.20kg

3035130				ceiling plate mono	matt silver	0.10kg
3035160				ceiling plate mono	brushed alu	0.10kg
3035140				ceiling plate duo	matt silver	0.20kg
3035170				ceiling plate duo	brushed alu	0.20kg
3035150				ceiling plate trio	matt silver	0.30kg
3035180				ceiling plate trio	brushed alu	0.30kg

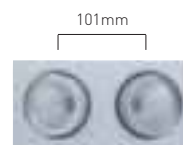
CAT NO	ACCESSORIES	COLOUR	WEIGHT
3035110	cone	high gloss aluminium	0.01kg
3035120	comfort	black	0.01kg



98mm

98mm

ceiling plate mono
cut out: Ø 82mm
minimum recess
dimensions:
400x400x100mm

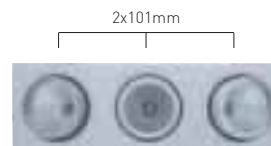


101mm

199mm

98mm

ceiling plate duo
cut out: 2x Ø 82mm
minimum recess
dimensions:
600x600x250mm



2x101mm

302mm

98mm

ceiling plate trio
cut out: 3x Ø 82mm
minimum recess
dimensions:
600x600x250mm

to be used with Lumipower Slim HF 35W HF gear (cat no 3006090) or HF 35W (cat no 3006730)
for use with Lumitronic transformers see page 93 and Lumipower gear see page 92

MOTTO TREND

82



- >> HI-SPOT ES50, 12V COOLBEAM
- >> EASY RELAMPING
- >> LOW RECESS DEPTH OF 100 MM
- >> 2X25° TILT AND 355° ROTATION
- >> CONE AND COMFORT ACCESSORIES

LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



36

MOTTO TREND 82

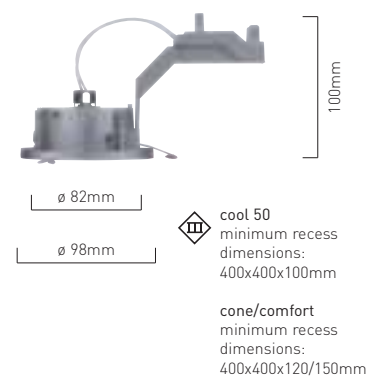
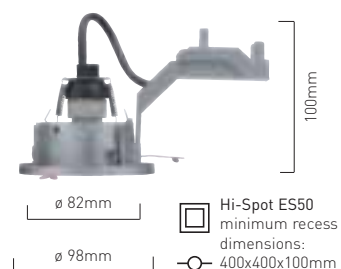
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
Supplied with lamp						
3035710	QPAR51	50W	GU10	Hi-Spot ES50	white	0.30kg
3035720	QPAR51	50W	GU10	Hi-Spot ES50	brushed alu	0.30kg

3035030	QR-CB51	50W	GU/GX5.3	Cool 50	white	0.20kg
3035050	QR-CB51	50W	GU/GX5.3	Cool 50	brushed alu	0.20kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3035110	cone	high gloss aluminium	0.01kg
3035120	comfort	black	0.01kg

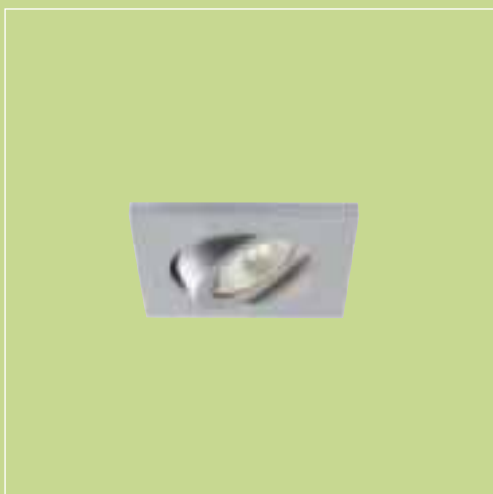
for use with Lumitronic transformers see page 93

for easy mounting on insulated false ceilings, recess boxes are available see page 91



MOTTO TREND

82 MODULAR



- >> HI-SPOT ES50, 12V COOLBEAM
- >> MOTTO TREND 82 MODULAR VERSIONS ARE COMPLETE FIXTURES
- >> LOW RECESS DEPTH OF 100 MM
- >> 2X25° TILT AND 355° ROTATION
- >> CONE AND COMFORT ACCESSORIES

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



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MOTTO TREND 82 MODULAR

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
Supplied with lamp						
3035730	QPAR51	50W	GU10	Hi-Spot ES50 mono	brushed alu	0.30kg
3035740	QPAR51	50W	GU10	Hi-Spot ES50 duo	brushed alu	0.60kg
3035750	QPAR51	50W	GU10	Hi-Spot ES50 trio	brushed alu	0.90kg

3035830	QR-CB51	50W	GU/GX5.3	Cool 50 mono	brushed alu	0.20kg
3035840	QR-CB51	50W	GU/GX5.3	Cool 50 duo	brushed alu	0.60kg
3035850	QR-CB51	50W	GU/GX5.3	Cool 50 trio	brushed alu	0.70kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3035110	cone	high gloss aluminium	0.01kg
3035120	comfort	black	0.01kg

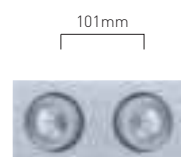
for use with Lumitronic transformers see page 93



98mm

ø 98mm

ceiling plate mono
cut out: Ø 82mm
minimum recess
dimensions:
400x400x100mm

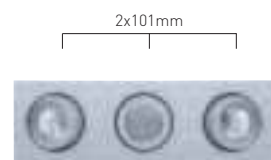


101mm

98mm

ø 199mm

ceiling plate duo
cut out: 2x Ø 82mm
minimum recess
dimensions:
600x600x250mm



2x101mm

98mm

ø 302mm

ceiling plate trio
cut out: 3x Ø 82mm
minimum recess
dimensions:
600x600x250mm

MOTTO

110



- >> HIT/CMI-TC, QT12 AND TC-D LAMPS
- >> EASY RELAMPING
- >> LOW RECESS DEPTH OF 100 MM
- >> 2X25° TILT AND 355° ROTATION
- >> HIT VERSIONS C/W GLASS COVER

LIGHT SOURCES

>> QT-ax12 • GY6.35
75W = 1600 lm



>> TC-D • G24d-1
10W = 600 lm



>> HIT • G8.5
70W = 6200 lm



* only for TC-D version

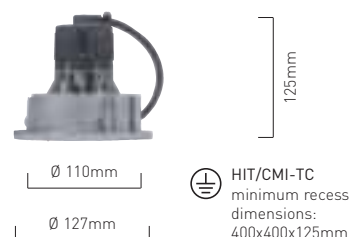
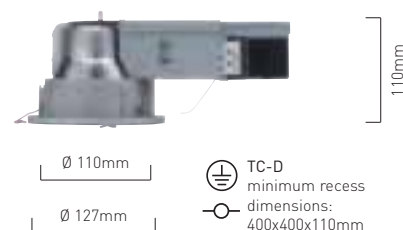
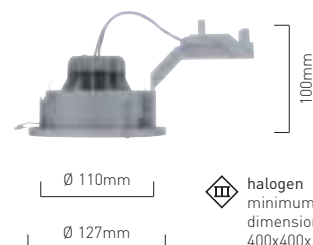
38

MOTTO 110

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035210	QT-ax12	75W	GY6.35	halogen	white	0.30kg
3035220	QT-ax12	75W	GY6.35	halogen	matt silver	0.30kg
3035260	TC-D	10W	G24d-1	cfl	white	1.00kg
3035270	TC-D	10W	G24d-1	cfl	matt silver	1.00kg
3035230	HIT	35/70W	G8.5	HIT/CMI-TC	white	0.40kg
3035240	HIT	35/70W	G8.5	HIT/CMI-TC	matt silver	0.40kg

CAT NO	ACCESSORIES	MODEL
■ 3006830	sunfilter	HIT/CMI-TC 3000K
■ 3004760	spot reflector	QT12/HIT

for use with Lumitronic transformers see page 93 and Lumipower gear see page 92



MOTTO

110 MODULAR



MODULAR SYSTEM MOTTO 110

LAMP UNIT*

CEILING PLATE*

Halogen
QT-ax12 75W GY6.35



CFL
TC-D 10W G24d-1



HIT/CMI-TC
HIT 35/70W G8.5



* always order lamp unit(s) and appropriate ceiling plate. Available in matt silver.

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MOTTO 110 MODULAIR

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035280	QT-ax12	75W	GY6.35	halogen	matt silver	0.20kg
3035300	TC-D	10W	G24d-1	cfl	matt silver	0.90kg
3035290	HIT	35/70W	G8.5	HIT/CMI-TC	matt silver	0.20kg
3035330				ceiling plate mono	matt silver	0.20kg
3035340				ceiling plate duo	matt silver	0.30kg
3035350				ceiling plate trio	matt silver	0.50kg

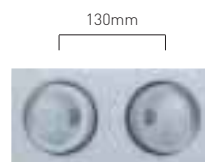
CAT NO	ACCESSORIES	MODEL
■ 3006830	sunfilter	HIT/CMI-TC 3000K
■ 3004760	spot reflector	QT12/HIT



127mm

127mm

ceiling plate mono
cut out: Ø 110mm
minimum recess
dimensions:
400x400x100mm (QT-ax12)
400x400x125mm (HIT)

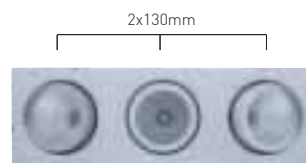


130mm

257mm

127mm

ceiling plate duo
cut out: 2x Ø 110mm
minimum recess
dimensions:
600x600x250mm



2x130mm

387mm

127mm

ceiling plate trio
cut out: 3x Ø 110mm
minimum recess
dimensions:
600x600x250mm

for use with Lumitronic transformers see page 93 and Lumipower gear see page 92

MOTTO

144



- >> HALOGEN, HIGH-PRESSURE DISCHARGE AND CFL LAMPS
- >> EASY RELAMPING
- >> LOW RECESS DEPTH OF 100 MM
- >> 2X25° TILT AND 355° ROTATION
- >> HIT VERSIONS C/W GLASS COVER

LIGHT SOURCES

- >> QPAR111 • GU10
75W = 1100 lm
- >> QR-LP111 • G53
100W = 1800 lm
- >> TC-T • GX24d-2
18W = 1200 lm
- >> HIT • G12
150W = 13500 lm
- >> HST • GX12-1
50/100W = 2300/4800 lm
- >> HIPAR111 • GX10
35W/70W = 3300/7300 lm



* not for HIT versions

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MOTTO 144

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035500	QPAR111	75W	GU10	Hi-Spot ES111	white	0.60kg
3035510	QPAR111	75W	GU10	Hi-Spot ES111	matt silver	0.60kg
3035410	QR-LP111	100W	G53	QR-LP111	white	0.40kg
3035420	QR-LP111	100W	G53	QR-LP111	matt silver	0.40kg
3035430	TC-T	18W	GX24d-2	cfl	white	1.10kg
3035440	TC-T	18W	GX24d-2	cfl	matt silver	1.10kg
3035460	HIT	35/70/150W	G12	HIT/CMi-T	white	0.60kg
3035470	HIT	35/70/150W	G12	HIT/CMi-T	matt silver	0.60kg
3035480	HST	50/100W	GX12-1	HST/SDW-TG	white	0.60kg

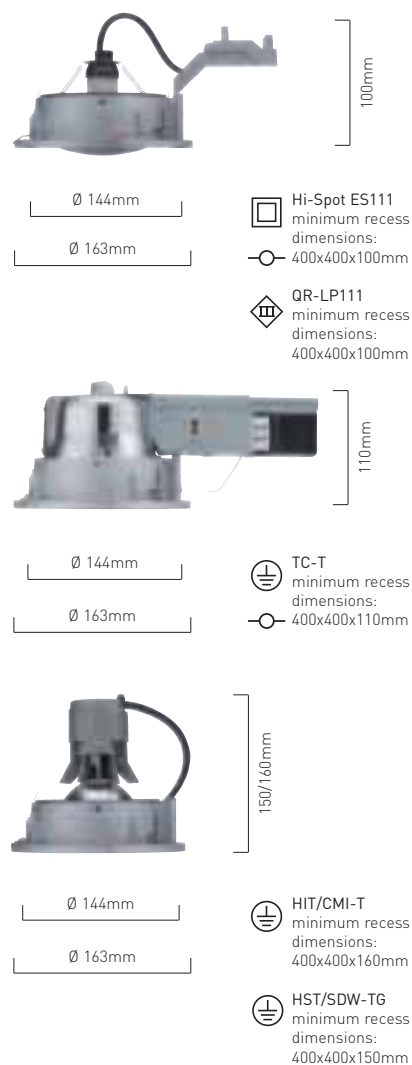
supplied with Sylvania BriteSpot ES(D)111 35/70W 24° lamp

3035920	HIPAR111	35W	GX10	BriteSpot ES111	white	0.60kg
3035940	HIPAR111	35W	GX10	BriteSpot ES111	matt silver	0.60kg
3035960*	HIPAR111	70W	GX10	BriteSpot ESD111	white	0.60kg
3035970*	HIPAR111	70W	GX10	BriteSpot ESD111	matt silver	0.60kg

CAT NO	ACCESSORIES	MODEL
3006890	sunfilter	HIT/CMi-T 3000K
3004770	spot reflector	HIT

for use with Lumitronic transformers see page 93 and Lumipower gear see page 92

* ENEC pending



MOTTO

144 MODULAR



MODULAR SYSTEM MOTTO 114

LAMP UNIT*

CEILING PLATE*

Hi-Spot ES111
QPAR111 75W GU10

QR-LP111
QR-LP111 100W G53

CFL
TC-T 18W GX24 d-2

HIT/CMI-T
HIT 35/70/150W G12

HST/SDW-TG
HST 100W GX12-1

BriteSpot ES111
HIPAR 111 35W GX10

* always order lamp unit(s) and appropriate ceiling plate. Available in matt silver.

MOTTO 144 MODULAR



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3035620	QPAR111	75W	GU10	Hi-Spot ES111	matt silver	0.30kg
3035580	QR-LP111	100W	G53	QR-LP111	matt silver	0.20kg
3035610	TC-T	18W	GX24d-2	cfl	matt silver	1.00kg
3035590	HIT	35/70/150W	G12	HIT/CMI-T	matt silver	0.40kg

supplied with Sylvania BriteSpot ES(D)111 35/70W 24° lamp

3035950	HIPAR111	35W	GX10	BriteSpot ES111	matt silver	0.30kg
3035980	HIPAR111	70W	GX10	BriteSpot ESD111	matt silver	0.30kg

3035630	ceiling plate mono	matt silver	0.30kg
3035640	ceiling plate duo	matt silver	0.50kg
3035650	ceiling plate trio	matt silver	0.70kg

CAT NO	ACCESSORIES	MODEL
3006890	sunfilter	HIT/CMI-T 3000K
3004770	spot reflector	HIT

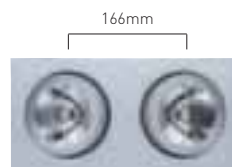
for use with Lumitronic transformers see page 93 and Lumipower gear see page 92



163mm

163mm

ceiling plate mono
cut out: Ø 144mm
minimum recess
dimensions:
400x400x100mm (QPAR111)
400x400x100mm (QR-LP111)
400x400x110mm (TC-T)
400x400x160mm (HIT)

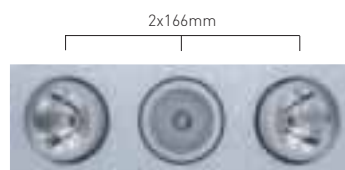


166mm

163mm

329mm

ceiling plate duo
cut out: 2x Ø 144mm
minimum recess
dimensions:
600x600x250mm



2x166mm

163mm

495mm

ceiling plate trio
cut out: 3x Ø 144mm
minimum recess
dimensions:
600x600x250mm

INSTAR PRO



INSTAR PRO SWING

Adjustable aluminium recessed downlight with a 2x30° tilt for QR-CB lamps up to 50W and QT12 lamps up to 75W. Instar Pro Swing is IP44 and halogen versions come with a safety glass. The Swing version has the possibility to align the inner ring in a 0° horizontal position.



INSTAR PRO COMFORT

Instar Pro comfort offers a high light comfort due to the deepened lamp position and black comfort ring. Instar Pro Comfort is IP44 and uses QR-CB lamps up to 50W. The recessed downlight has a tilt of 2x30° and is available in three colours.



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INSTAR PRO CONE

Available in three colours and two diameters, the Instar Pro Cone includes a chrome-coloured cone ring giving an enjoyable light output without glare. The fixture has an IP20 rating and is suitable for QR-CB lamps up to 50W.

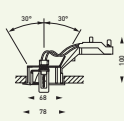
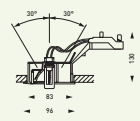
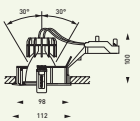
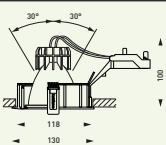
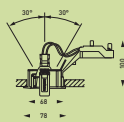
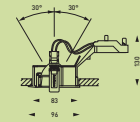
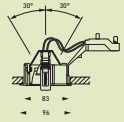
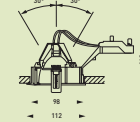


INSTAR PRO

INSTAR PRO swing

INSTAR PRO comfort

INSTAR PRO cone

 QR-CB35 • GU/GZ4 35W = 630 lm	 QR-CB51 • GU/GX5.3 50W = 1000 lm	 QT-AX12 • GY6.35 50W = 1000 lm	 QT-AX12 • GY6.35 75W = 1600 lm
 ■ 3080030 Pro 65, white ■ 3080040 Pro 65, bru. alu. ■ 3080050 Pro 65, gold	 ■ 3080190 Pro 80, white ■ 3080200 Pro 80, bru. alu. ■ 3080210 Pro 80, gold	 ■ 3080480 Pro 95, white ■ 3080490 Pro 95, bru. alu. ■ 3080500 Pro 95, gold	 ■ 3080570 Pro 115, white ■ 3080580 Pro 115, bru. alu. ■ 3080590 Pro 115, gold
 ■ 3080000 Pro 65, white ■ 3080010 Pro 65, bru. alu. ■ 3080020 Pro 65, gold	 ■ 3080160 Pro 80, white ■ 3080170 Pro 80, bru. alu. ■ 3080180 Pro 80, gold		
 ■ 3080060 Pro 80, white ■ 3080070 Pro 80, bru. alu. ■ 3080080 Pro 80, gold	 ■ 3080330 Pro 95, white ■ 3080340 Pro 95, bru. alu. ■ 3080350 Pro 95, gold		

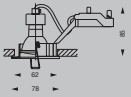
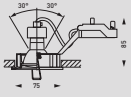
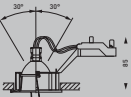
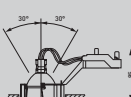
INSTAR TREND

INSTAR TREND 62 flush

INSTAR TREND 75 swing

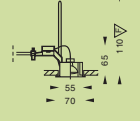
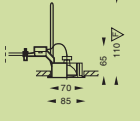
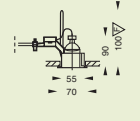
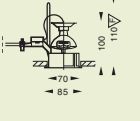
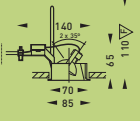
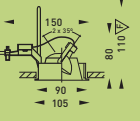
INSTAR TREND 75 comfort

INSTAR TREND 75 cone

 ■ 3078550 Trend 62, white ■ 3078560 Trend 62, bru. alu. ■ 3078570 Trend 62, matt silver ■ 3078580 Trend 62, chrome ■ 3078590 Trend 62, gold ■ 3078650 Trend 62, antique ■ 3078660 Trend 62, bru. gold
 ■ 3078500 Trend 75, white ■ 3078510 Trend 75, bru. alu. ■ 3078520 Trend 75, matt silver ■ 3078530 Trend 75, chrome ■ 3078540 Trend 75, gold ■ 3078600 Trend 75, antique ■ 3078610 Trend 75, bru. gold
 ■ 3078800 Trend 75, white ■ 3078810 Trend 75, bru. alu. ■ 3078820 Trend 75, matt silver ■ 3078830 Trend 75, chrome ■ 3078840 Trend 75, gold ■ 3078850 Trend 75, antique ■ 3078860 Trend 75, bru. gold
 ■ 3078700 Trend 75, white ■ 3078710 Trend 75, bru. alu. ■ 3078720 Trend 75, matt silver ■ 3078730 Trend 75, chrome ■ 3078740 Trend 75, gold ■ 3078750 Trend 75, antique ■ 3078760 Trend 75, bru. gold

INSTAR

INSTAR 55/70 flush

 QR-CB35 • GU/GZ4 35W = 630 lm	 QR-CB51 • GU/GX5.3 50W = 1000 lm	 QT-AX12 • GY6.35 50W = 1000 lm	 QT-AX12 • GY6.35 75W = 1600 lm
 3021400 55, white	 3020380 70, white, + lamp 3021900 70, white 3020390 70, matt silver, + lamp 3021930 70, matt silver		
 3021300 55, white 3021330 55, matt silver	 3021500 70, white 3021530 70, matt silver		
 3020620 70, white 3020640 70, matt silver	 3020650 90, white 3020670 90, matt silver		

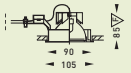
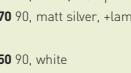
INSTAR 90/105 halogen

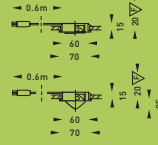
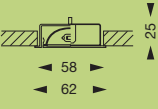
INSTAR 60 halogen

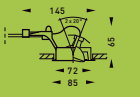
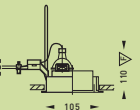
INSTAR 55 cabinet

INSTAR 70 standard

INSTAR 105 turnostar

 3020330 90, white, +lamp 3020370 90, matt silver, +lamp
 3021850 90, white 3021880 90, matt silver
 3022200 105, white 3022230 105, matt silver

 3022800 60, white 3022830 60, chrome 3022850 60, deco, white 3022880 60, deco, chrome
 ■ 3022800 55, white ■ 3022830 55, br. iron ■ 3022850 55, chrome ■ 3022880 55, gold

 3020580 70, white 3020600 70, matt silver
 3022500 105, white 3022530 105, matt silver

■ New product

INSTAR PRO

65/80/95/115 SWING



- >> ALUMINIUM HOUSING WITH STYLISH DESIGN
- >> EASY INSTALLATION AND RELAMPING
- >> SAFETY GLASS FOR QT-AX12 VERSION
- >> THREE COLOURS AND FOUR DIAMETERS
- >> TILT 2 X 30°

LIGHT SOURCES

>> QR-CB35 • GU/GZ4
35W = 630 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



>> QT-ax12 • GY6.35
50/75W = 1000/1600lm

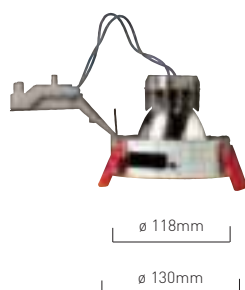


* pending

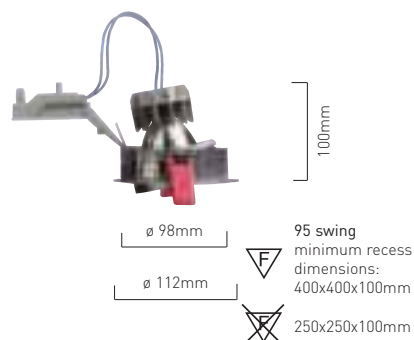
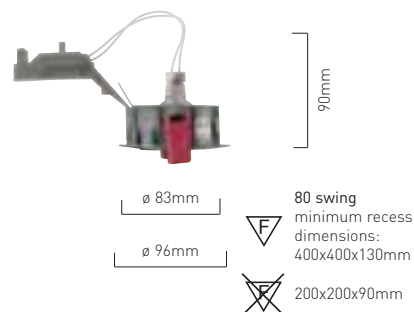
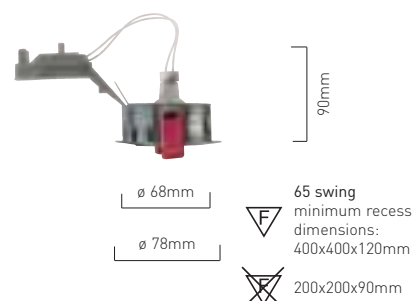
INSTAR PRO swing

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3080030	QR-CB35	35W	GU/GZ4	Pro 65 swing cool 35	white	0.14kg
■ 3080040	QR-CB35	35W	GU/GZ4	Pro 65 swing cool 35	brushed alu.	0.14kg
■ 3080050	QR-CB35	35W	GU/GZ4	Pro 65 swing cool 35	gold	0.14kg
■ 3080190	QR-CB51	50W	GU/GX5.3	Pro 80 swing cool 50	white	0.18kg
■ 3080200	QR-CB51	50W	GU/GX5.3	Pro 80 swing cool 50	brushed alu.	0.18kg
■ 3080210	QR-CB51	50W	GU/GX5.3	Pro 80 swing cool 50	gold	0.18kg
■ 3080480	QT-ax12	50W	GY6.35	Pro 95 swing halogen	white	0.28kg
■ 3080490	QT-ax12	50W	GY6.35	Pro 95 swing halogen	brushed alu.	0.28kg
■ 3080500	QT-ax12	50W	GY6.35	Pro 95 swing halogen	gold	0.28kg
■ 3080570	QT-ax12	75W	GY6.35	Pro 115 swing halogen	white	0.40kg
■ 3080580	QT-ax12	75W	GY6.35	Pro 115 swing halogen	brushed alu.	0.40kg
■ 3080590	QT-ax12	75W	GY6.35	Pro 115 swing halogen	gold	0.40kg

for use with Lumitronic transformers see page 93

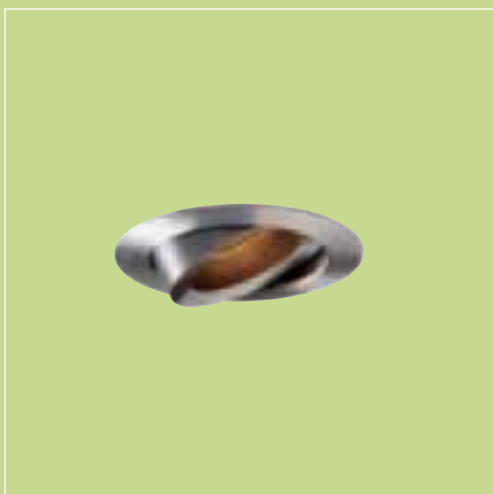


115 swing
minimum recess
dimensions:
400x400x110mm
250x250x110mm



INSTAR PRO

65/80 COMFORT



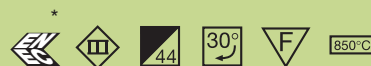
- >> ALUMINIUM HOUSING
- >> TWO DIAMETERS
- >> COMPACT DESIGN
- >> BLACK COMFORT RING
- >> IP44

LIGHT SOURCES

>> QR-CB35 • GU/GZ4
35W = 630 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



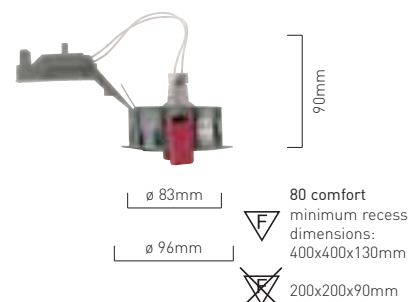
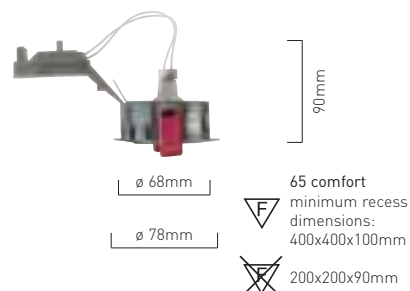
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47

INSTAR PRO comfort

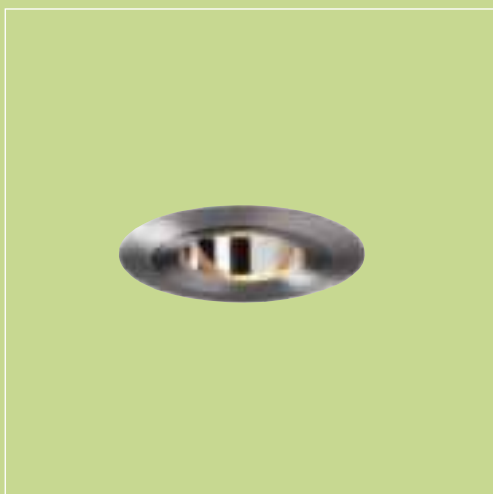
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3080000	QR-CB35	35W	GU/GZ4	Pro 65 comfort cool 35	white	0.14kg
■ 3080010	QR-CB35	35W	GU/GZ4	Pro 65 comfort cool 35	brushed alu	0.14kg
■ 3080020	QR-CB35	35W	GU/GZ4	Pro 65 comfort cool 35	gold	0.14kg
■ 3080160	QR-CB51	50W	GU/GX5.3	Pro 80 comfort cool 50	white	0.19kg
■ 3080170	QR-CB51	50W	GU/GX5.3	Pro 80 comfort cool 50	brushed alu	0.19kg
■ 3080180	QR-CB51	50W	GU/GX5.3	Pro 80 comfort cool 50	gold	0.19kg

for use with Lumitronic transformers see page 93



INSTAR PRO

80/95 CONE



- >> COMPACT DESIGN
- >> IP20
- >> CHROME-COLOURED RING
- >> 2 X 30° TILT
- >> QUICK AND EASY INSTALLATION

LIGHT SOURCES

- >> QR-CB35 • GU/GZ4
35W = 630 lm
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



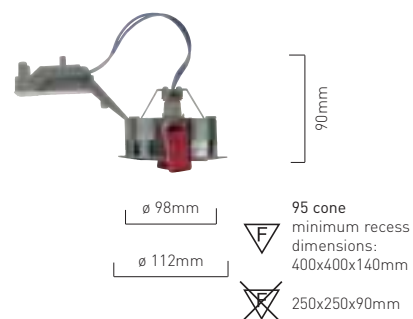
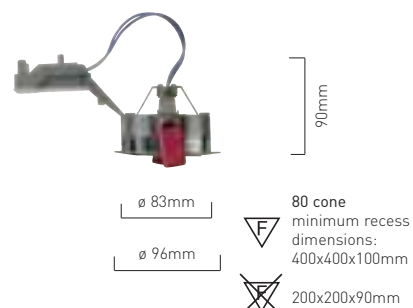
* pending

48

INSTAR PRO cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3080060	QR-CB35	35W	GU/GZ4	Pro 80 cone cool 35	white	0.22kg
■ 3080070	QR-CB35	35W	GU/GZ4	Pro 80 cone cool 35	brushed alu.	0.22kg
■ 3080080	QR-CB35	35W	GU/GZ4	Pro 80 cone cool 35	gold	0.22kg
■ 3080330	QR-CB51	50W	GU/GX5.3	Pro 95 cone cool 50	white	0.22kg
■ 3080340	QR-CB51	50W	GU/GX5.3	Pro 95 cone cool 50	brushed alu.	0.22kg
■ 3080350	QR-CB51	50W	GU/GX5.3	Pro 95 cone cool 50	gold	0.22kg

for use with Lumitronic transformers see page 93





INSTAR DOWNLIGHTS ARE DESIGNED FOR A CHOICE OF LOW VOLTAGE HALOGEN LAMPS UP TO 75W. AVAILABLE IN VARIOUS DIAMETERS, IP44 VERSIONS AND ARE VERY EASY TO INSTALL. INSTAR TREND IS A STYLISH ADDITION TO THE RANGE WHICH IS SUITABLE FOR A WIDE RANGE OF COMMERCIAL AND DOMESTIC APPLICATIONS.

Lumiance

INSTAR



INSTAR TREND

Available in various colours, the range includes a flush, swing, cone and comfort version for coolbeam 50W lamps. For ready-to-install solutions, a three-pack in all seven colours is available, complete with 35W 38° coolbeam lamps and the 105VA Lumitronic electronic transformer.



INSTAR 55/70 FLUSH

50 Fixed recessed downlights in two IP44 versions. Instar flush coolbeam 50 offers added sparkle due to the positioning of the lamp and its F-mark makes it safe for a shallow 70mm ceiling cut-out, without ceiling discolouration.



INSTAR 70/90 CONE

Recessed downlights with a high light output and comfort level, due to the recessed lamp position. Available for recess depths up to 70 or 90mm, Instar Cone 90 offers 355° rotation. Both versions come with a chrome-coloured cone and 2x35° tilt. A decorative glass accessory is available.



INSTAR 90/105 HALOGEN

Downlights that offer a very high light output and comfort level, due to the recessed lamp position and faceted chrome finish reflector. Taking QT12 lamps up to 75W, Instar Halogen fittings are IP44-rated and come with a safety glass which also protects the reflector and lamp against dust and dirt.



INSTAR



INSTAR 105 TURNOSTAR

This is an adjustable luminaire for QR-CB 50W lamps, with 45° tilt and 355° rotation. Instar 105 Turnostar offers high visual comfort due to the recessed lamp position.



INSTAR 60 HALOGEN

Instar 60 has an extremely low recess depth of 20mm and with an additional mounting ring, it can also be surface mounted. Its MM mark makes it suitable for building into kitchen cabinets and display cases.



51

INSTAR 55 CABINET

Flat fixed downlight for recess or surface mounted application in cabinets and available in 4 colours, white, brushed iron, chrome and gold. The fixture takes low voltage halogen lamp QT10 20W 12V G4.



INSTAR 70 STANDARD

Adjustable recessed downlights with a 2x20° tilt and 180° rotation for QR-CB lamps up to 50W. The fittings have a shallow recess depth of only 65mm and create added sparkle, due to the lower position of the lamp.



INSTAR 55/70 COMFORT

This range of fixed recessed downlights offers a high light output and comfort level due to the deep lamp position. They are extremely suitable for discreet spot lighting, using QR-CB lamps up to 50W.



INSTAR TREND

62 FLUSH/75 SWING

- >> EASY RELAMPING DUE TO UNIQUE LAMP SPRING
- >> SWING: 2 X 30° TILT
- >> AVAILABLE IN 7 COLOURS



LIGHT SOURCES

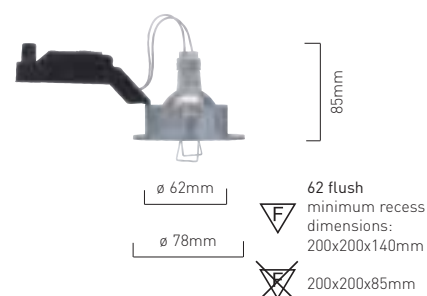
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



* only swing version

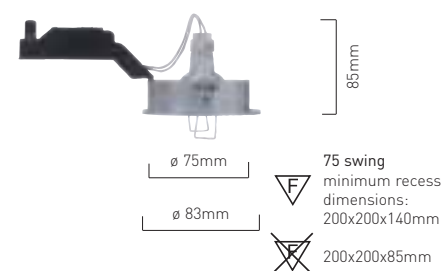
INSTAR 62 TREND flush

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3078550	QR-CB51	50W	GU/GX5.3	Trend 62 flush	white	0.12kg
3078560	QR-CB51	50W	GU/GX5.3	Trend 62 flush	brushed alu	0.12kg
3078570	QR-CB51	50W	GU/GX5.3	Trend 62 flush	matt silver	0.12kg
3078580	QR-CB51	50W	GU/GX5.3	Trend 62 flush	chrome	0.12kg
3078590	QR-CB51	50W	GU/GX5.3	Trend 62 flush	gold	0.12kg
3078650	QR-CB51	50W	GU/GX5.3	Trend 62 flush	antique	0.12kg
3078660	QR-CB51	50W	GU/GX5.3	Trend 62 flush	brushed gold	0.12kg



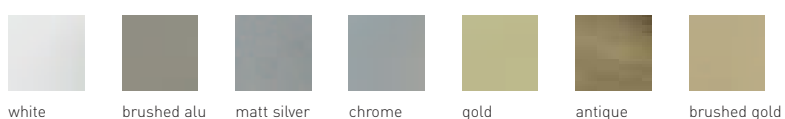
INSTAR 75 TREND swing

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3078500	QR-CB51	50W	GU/GX5.3	Trend 75 swing	white	0.18kg
3078510	QR-CB51	50W	GU/GX5.3	Trend 75 swing	brushed alu	0.18kg
3078520	QR-CB51	50W	GU/GX5.3	Trend 75 swing	matt silver	0.18kg
3078530	QR-CB51	50W	GU/GX5.3	Trend 75 swing	chrome	0.18kg
3078540	QR-CB51	50W	GU/GX5.3	Trend 75 swing	gold	0.18kg
3078600	QR-CB51	50W	GU/GX5.3	Trend 75 swing	antique	0.18kg
3078610	QR-CB51	50W	GU/GX5.3	Trend 75 swing	brushed gold	0.18kg

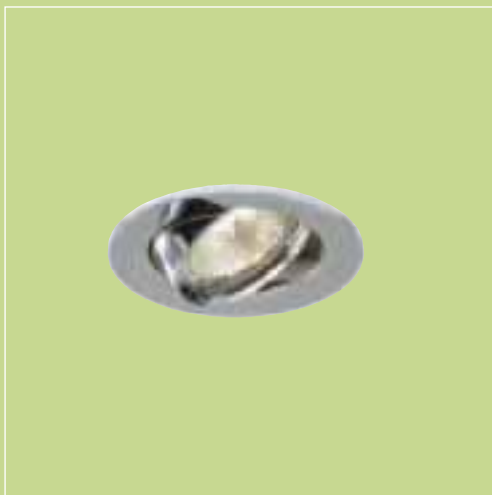


for use with Lumitronic transformers see page 93

for easy mounting on isolated ceilings, recess boxes are available see page 91



INSTAR TREND 75 SWING (3-PACK)



- >> FOR READY TO INSTALL SOLUTIONS
- >> INCLUDING LAMPS (35W 38° COOLBEAM LAMP)
- >> INCLUDING TRANSFORMER
- >> EASY RELAMPING DUE TO UNIQUE LAMP SPRING
- >> 2 X 30° TILT

LIGHT SOURCES

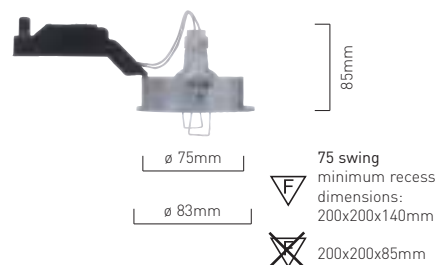
- >> QR-CB51 • GU/GX5.3
35W = 630 lm



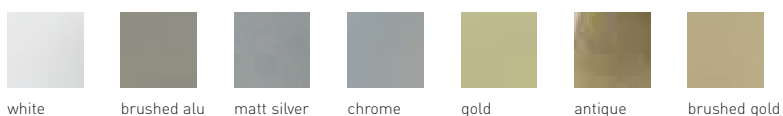
53

INSTAR 75 TREND swing (3-pack)

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3078503	QR-CB51	35W	GU/GX5.3	Trend 75 swing	white	0.18kg
3078513	QR-CB51	35W	GU/GX5.3	Trend 75 swing	brushed alu	0.18kg
3078523	QR-CB51	35W	GU/GX5.3	Trend 75 swing	matt silver	0.18kg
3078533	QR-CB51	35W	GU/GX5.3	Trend 75 swing	chrome	0.18kg
3078543	QR-CB51	35W	GU/GX5.3	Trend 75 swing	gold	0.18kg
3078603	QR-CB51	35W	GU/GX5.3	Trend 75 swing	antique	0.18kg
3078613	QR-CB51	35W	GU/GX5.3	Trend 75 swing	brushed gold	0.18kg



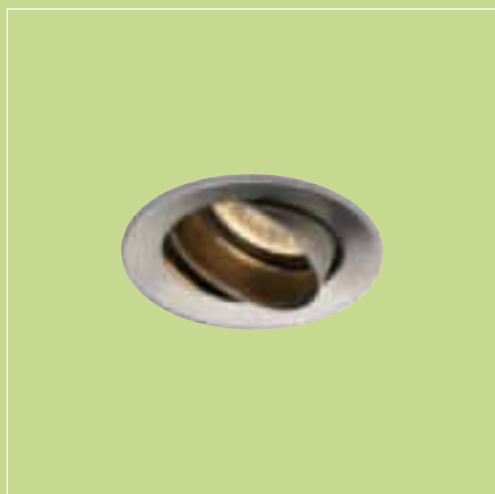
for easy mounting on isolated ceilings, recess boxes are available see page 91



Instar Trend Swing 3-pack

INSTAR TREND 75 COMFORT

- >> AVAILABLE IN 7 COLOURS
- >> EASY RELAMPING
- >> 2 X 30° TILT
- >> INCLUDING ANTI-GLARE BEZEL



LIGHT SOURCES

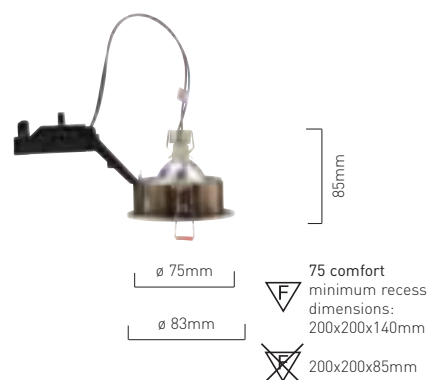
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



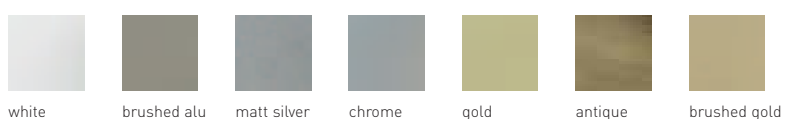
54

INSTAR 75 TREND comfort

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3078800	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	white	0.18kg
■ 3078810	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	brushed alu	0.18kg
■ 3078820	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	matt silver	0.18kg
■ 3078830	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	chrome	0.18kg
■ 3078840	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	gold	0.18kg
■ 3078850	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	antique	0.18kg
■ 3078860	QR-CB51	50W	GU/GX5.3	Trend 75 comfort cool 50	brushed gold	0.18kg



for easy mounting on isolated ceilings, recess boxes are available, see page 91



INSTAR TREND

75 CONE

- >> AVAILABLE IN 7 COLOURS
- >> EASY RELAMPING
- >> 2 X 30° TILT
- >> INCLUDING CHROME CONE
- >> LOW VOLTAGE QR-CB51 GU/GX5,3 50W



LIGHT SOURCES

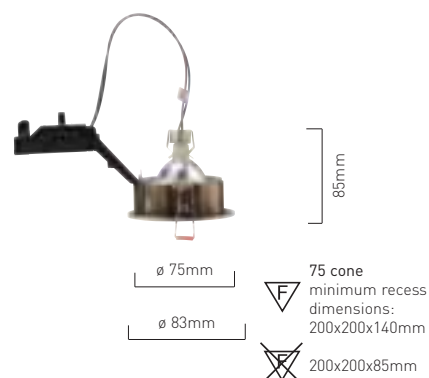
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



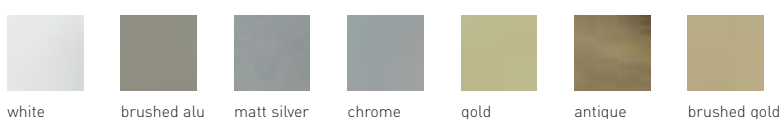
55

INSTAR 75 TREND cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3078700	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	white	0.18kg
■ 3078710	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	brushed alu	0.18kg
■ 3078720	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	matt silver	0.18kg
■ 3078730	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	chrome	0.18kg
■ 3078740	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	gold	0.18kg
■ 3078750	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	antique	0.18kg
■ 3078760	QR-CB51	50W	GU/GX5.3	Trend 75 cone cool 50	brushed gold	0.18kg



for easy mounting on isolated ceilings, recess boxes are available see page 91



INSTAR

55/70 FLUSH



- >> COOL 35/50 LAMPS
- >> F-MARK AND IP44 CLASSIFICATION
- >> NO CEILING DISCOLOURATION
- >> SPARKLING EFFECT
- >> DECORATIVE GLASS ACCESSORY

LIGHT SOURCES

>> QR-CB35 • GU/GZ4
35W = 630 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



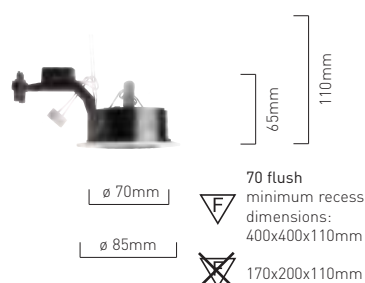
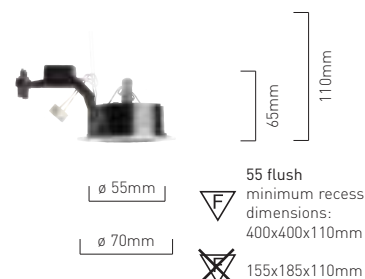
56

INSTAR 55/70 flush

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3021400	QR-CB35	35W	GU/GZ4	Instar 55 flush	white	0.16kg
3020380	QR-CB51	50W	GU/GX5.3	Instar 70 flush (+lamp)	white	0.17kg
3021900	QR-CB51	50W	GU/GX5.3	Instar 70 flush	white	0.17kg
3020390	QR-CB51	50W	GU/GX5.3	Instar 70 flush (+lamp)	matt silver	0.20kg
3021930	QR-CB51	50W	GU/GX5.3	Instar 70 flush	matt silver	0.20kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3005400	decorative glass for Instar 70	white	0.05kg
3005410	decorative glass for Instar 70	blue	0.05kg

for use with Lumitronic transformers see page 93



decorative glass

INSTAR 70/90 CONE



- >> HIGH COMFORT LEVEL
- >> 2 x 35° TILTABLE
- >> DECORATIVE GLASS ACCESSORY
- >> INSTAR 90 355° ROTATION
- >> F-MARK

LIGHT SOURCES

>> QR-CB35 • GU/GZ4
35W = 630 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm

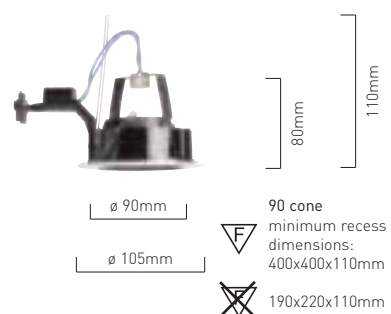
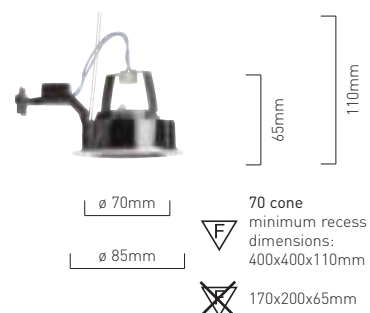


57

INSTAR 70/90 cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3020620	QR-CB35	35W	GU/GZ4	Instar 70 cone	white	0.09kg
3020640	QR-CB35	35W	GU/GZ4	Instar 70 cone	matt silver	0.09kg
3020650	QR-CB51	50W	GU/GX5.3	Instar 90 cone	white	0.10kg
3020670	QR-CB51	50W	GU/GX5.3	Instar 90 cone	matt silver	0.10kg

for use with Lumitronic transformers see page 93



INSTAR

90/105 HALOGEN

- >> IP44 CLASSIFICATION
- >> HIGH COMFORT LEVEL
- >> HIGH LIGHT OUTPUT
- >> SAFETY GLASS COVER
- >> F-MARK



LIGHT SOURCES

- >> QT-ax12 • GY6.35
- 50W** = 1000 lm
- 75W** = 1600 lm

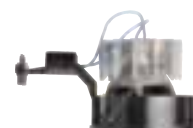


58

INSTAR 90/105 halogen

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3020330	QT-ax12	50W	GY6.35	Instar 90 halogen (+lamp)	white	0.18kg
3020370	QT-ax12	50W	GY6.35	Instar 90 halogen (+lamp)	matt silver	0.18kg
3021850	QT-ax12	50W	GY6.35	Instar 90 halogen	white	0.18kg
3021880	QT-ax12	50W	GY6.35	Instar 90 halogen	matt silver	0.18kg
3022200	QT-ax12	75W	GY6.35	Instar 105 halogen	white	0.21kg
3022230	QT-ax12	75W	GY6.35	Instar 105 halogen	matt silver	0.21kg

for use with Lumitronic transformers see page 93



85mm

ø 90mm

ø 105mm

90 halogen
minimum recess
dimensions:
190x220x85mm



95mm

ø 105mm

ø 120mm

105 halogen
minimum recess
dimensions:
205x235x95mm

INSTAR

105 TURNOSTAR



- >> 355° ROTATIONAL
- >> 45° TILTABLE
- >> HIGH COMFORT LEVEL
- >> F-MARK
- >> FOR QR-CB51 LAMPS

LIGHT SOURCES

- >> QR-CB51 • GU/GX5.3
- 50W** = 1000 lm

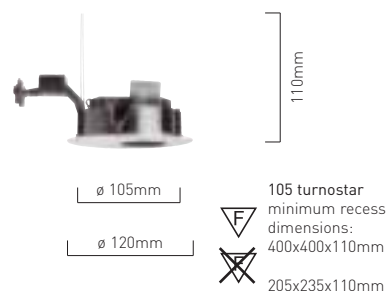


59

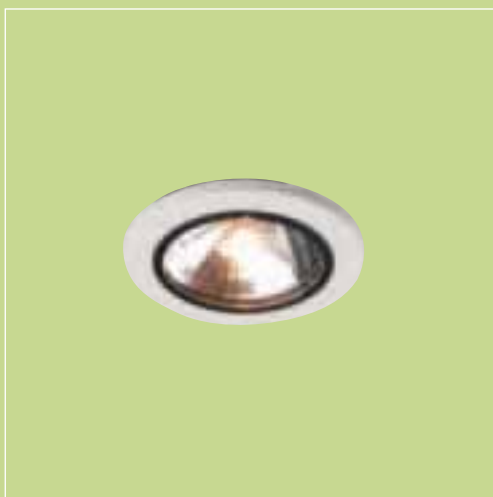
INSTAR 105 turnostar

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3022500	QR-CB51	50W	GU/GX5.3	Instar 105 turnostar	white	0.19kg
3022530	QR-CB51	50W	GU/GX5.3	Instar 105 turnostar	matt silver	0.19kg

for use with Lumitronic transformers see page 93



INSTAR 60 HALOGEN



- >> LOW RECESS DEPTH
- >> MM-MARK
- >> IP44 CLASSIFICATION
- >> SURFACE MOUNTING TRIM AVAILABLE
- >> F-MARK

LIGHT SOURCES

- >> QT-ax10 • G4
20W = 350 lm



60

INSTAR 60 halogen supplied with lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3022800	QT-ax10	20W	G4	Instar 60 halogen	white	0.06kg
3022830	QT-ax10	20W	G4	Instar 60 halogen	chrome	0.06kg
3022850	QT-ax10	20W	G4	Instar 60 halogen deco	white	0.18kg
3022880	QT-ax10	20W	G4	Instar 60 halogen deco	chrome	0.18kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3005600	surface trim	white	0.06kg

for use with Lumitronic transformers see page 93



20mm

ø 60mm

ø 70mm

60 halogen
minimum recess
dimensions:
ø60x20mm



20mm

45mm

ø 60mm

ø 70mm

60 halogen deco
minimum recess
dimensions: ø60x20mm

INSTAR 55 CABINET



- >> RECESS AND SURFACE MOUNTED
- >> LOW RECESS DEPTH OF 25MM
- >> MM-MARK
- >> F-MARK
- >> LAMP INCLUDED

LIGHT SOURCES

- >> QT10 • G4
20W = 320 lm



61

INSTAR 55 cabinet supplied with lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3078000	QT10	20W	G4	Instar 55 cabinet	white	0.08kg
■ 3078010	QT10	20W	G4	Instar 55 cabinet	brushed iron	0.08kg
■ 3078020	QT10	20W	G4	Instar 55 cabinet	chrome	0.08kg
■ 3078030	QT10	20W	G4	Instar 55 cabinet	gold	0.08kg



ø 58mm

ø 65mm

25mm

55 cabinet
minimum recess
dimensions:
ø58x25mm

for use with Lumitronic transformers see page 93

INSTAR 70 STANDARD

- >> 355° ROTATABLE
- >> SWING: 2 X 30° TILT
- >> LOW RECESS DEPTH



LIGHT SOURCES

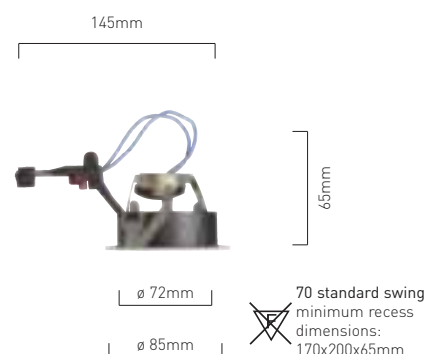
- >> QR-CB51 • GU/GX5.3
50W = 1000 lm



62

INSTAR 70 standard swing

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3020580	QR-CB51	50W	GU/GX5.3	Instar 70 standard swing	white	0.05kg
3020600	QR-CB51	50W	GU/GX5.3	Instar 70 standard swing	matt silver	0.05kg



INSTAR

55/70 COMFORT

>> COMFORTABLE LIGHTING (NO GLARE)
>> F-MARK



LIGHT SOURCES

>> QR-CB35 • GU/GZ4
35W = 630 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



63

INSTAR 55 comfort

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3021300	QR-CB35	35W	GU/GZ4	Instar 55 comfort	white	0.06kg
3021330	QR-CB35	35W	GU/GZ4	Instar 55 comfort	matt silver	0.06kg
3021500	QR-CB51	50W	GU/GX5.3	Instar 70 comfort	white	0.10kg
3021530	QR-CB51	50W	GU/GX5.3	Instar 70 comfort	matt silver	0.10kg



ø 55mm

ø 70mm

95mm

100mm

55 comfort
minimum recess
dimensions:
400x400x100mm



155x185x95mm



ø 70mm

ø 85mm

110mm

70 comfort
minimum recess
dimensions:
400x400x110mm

INSET PRO



INSET PRO SWING

Inset Pro Swing has a high visible appearance due to the aluminium housing and ceiling ring. The Swing version has a tilt of $2 \times 30^\circ$ and an IP44 rating which can be used with Hi-Spot ES 50/63 or Hi-Spot 63.



INSET PRO COMFORT

The Inset Pro Comfort series is available for Hi-Spot ES50/63 - Hi-Spot 63 as well as the Sylvania Britespot ES50 35W metal halide lamps. Very little glare due to the deepened lamp and black ring makes Inset Pro Comfort ideal for commercial uses.



65

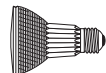
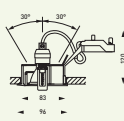
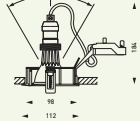
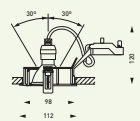
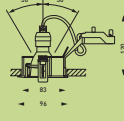
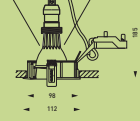
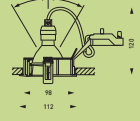
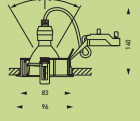
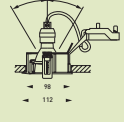
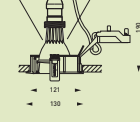
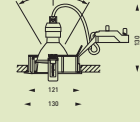
INSET PRO CONE

With a chrome-coloured ring and deepened lamp ensures a pleasant light output without glare. Inset Pro Cone is suitable in a wide range of applications. The Inset Pro Cone has an IP20 classification and a tilt of $2 \times 30^\circ$ and is available for Hi-Spot ES50 and ES63 and Hi-Spot 63.



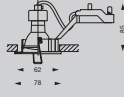
INSET PRO

INSET PRO 80/95 swing

 QPAR51 • GU10 50W = 525 lm	 QPAR20 • E27 50W = 660 lm	 QPAR64 • GU10 75W = 980 lm	 HIPAR51 • GX10 35W = 3300 lm
 ■ 3080130 PRO 80, white ■ 3080140 PRO 80, brushed alu ■ 3080150 PRO 80, gold	 ■ 3080450 PRO 95, white ■ 3080460 PRO 95, brushed alu ■ 3080470 PRO 95, gold	 ■ 3080390 PRO 95, white ■ 3080400 PRO 95, brushed alu ■ 3080410 PRO 95, gold	
 ■ 3080100 PRO 80, white ■ 3080110 PRO 80, brushed alu ■ 3080120 PRO 80, gold	 ■ 3080420 PRO 95, white ■ 3080430 PRO 95, brushed alu ■ 3080440 PRO 95, gold	 ■ 3080360 PRO 95, white ■ 3080370 PRO 95, brushed alu ■ 3080380 PRO 95, gold	 ■ 3080220 PRO 80, white ■ 3080230 PRO 80, brushed alu ■ 3080240 PRO 80, gold
 ■ 3080300 PRO 95, white ■ 3080310 PRO 95, brushed alu ■ 3080320 PRO 95, gold	 ■ 3080540 PRO 115, white ■ 3080550 PRO 115, brushed alu ■ 3080560 PRO 115, gold	 ■ 3080510 PRO 115, white ■ 3080520 PRO 115, brushed alu ■ 3080530 PRO 115, gold	

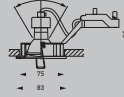
INSET TREND

INSET TREND 62 flush



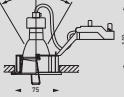
3073550 TREND 62, white
3073560 TREND 62, brushed alu
3073570 TREND 62, matt silver
3073580 TREND 62, chrome
3073590 TREND 62, gold
3073650 TREND 62, antique
3073660 TREND 62, br. gold

INSET TREND 75 swing



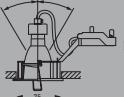
3073500 TREND 75, white
3073510 TREND 75, brushed alu
3073520 TREND 75, matt silver
3073530 TREND 75, chrome
3073540 TREND 75, gold
3073600 TREND 75, antique
3073610 TREND 75, br. gold

INSET TREND 75 cone



3073700 TREND 75, white
3073710 TREND 75, brushed alu
3073720 TREND 75, matt silver
3073730 TREND 75, chrome
3073740 TREND 75, gold
3073750 TREND 75, antique
3073760 TREND 75, br. gold

INSET TREND 75 comfort



3073800 TREND 75, white
3073810 TREND 75, brushed alu
3073820 TREND 75, matt silver
3073830 TREND 75, chrome
3073840 TREND 75, gold
3073850 TREND 75, antique
3073860 TREND 75, br. gold

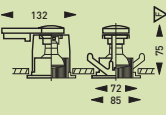
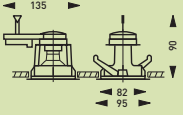
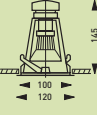
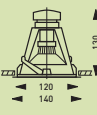
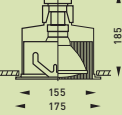


3073900 TREND 75, white
3073910 TREND 75, brushed alu
3073920 TREND 75, matt silver
3073930 TREND 75, chrome
3073940 TREND 75, gold
3073950 TREND 75, antique
3073960 TREND 75, br. gold

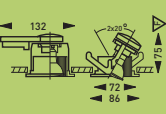
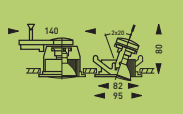
 QPAR51 • GU10 50W = 525 lm	 QPAR20 • E27 50W = 660 lm	 R63 • E27 60W = 650	 QPAR64 • GU10 75W = 980 lm	 QPAR80 • E27 75W = 1080 lm	 QPAR30 • E27 100W = 1550 lm	 QPAR38 • E27 100W = 1550 lm
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INSET

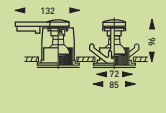
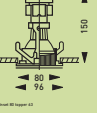
INSET 70/80/100/120/150 flush

 3085430 70, white	 3085500 80, white	 3085140 80, white	 3085600 100, white	 3085700 120, white	 3085800 150 white
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INSET 70/80/100 swing

 3085060 70, white 3085080 70, matt silver	 3085300 80, white	 3086050 80, white 3086070 80, matt silver	 3085160 100, white
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INSET 70/80 topper

 3085010 70, white	 3085550 80, white
--	--

INSET 90 eyeball

 3023620 90, white
--

INSET PRO

80/95 SWING

- >> ALUMINIUM HOUSING WITH STYLISH DESIGN
- >> THREE COLOURS
- >> HI-SPOT ES50 AND ES63 LAMP INCLUDED
- >> TILT 2 X 30°



LIGHT SOURCES

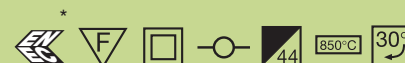
>> QPAR51 • GU10
50W = 525 lm



>> QPAR64 • GU10
75W = 980 lm



>> QPAR20 • E27
50W = 660 lm



* pending

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INSET PRO swing

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
supplied with Hi-Spot ES50 50W 25° lamp						
■ 3080130	QPAR51	50W	GU10	Pro 80 swing Hi-Spot ES50	white	0.19kg
■ 3080140	QPAR51	50W	GU10	Pro 80 swing Hi-Spot ES50	brushed alu	0.19kg
■ 3080150	QPAR51	50W	GU10	Pro 80 swing Hi-Spot ES50	gold	0.19kg
supplied with Hi-Spot ES63 75W 25° lamp						
■ 3080390	QPAR64	75W	GU10	Pro 95 swing Hi-Spot ES63	white	0.23kg
■ 3080400	QPAR64	75W	GU10	Pro 95 swing Hi-Spot ES63	brushed alu	0.23kg
■ 3080410	QPAR64	75W	GU10	Pro 95 swing Hi-Spot ES63	gold	0.23kg
■ 3080450	QPAR20	50W	E27	Pro 95 swing Hi-Spot 63	white	0.22kg
■ 3080460	QPAR20	50W	E27	Pro 95 swing Hi-Spot 63	brushed alu	0.22kg
■ 3080470	QPAR20	50W	E27	Pro 95 swing Hi-Spot 63	gold	0.22kg



ø 83mm

ø 96mm

80 swing Hi-Spot ES50
minimum recess dimensions:
400x400x110mm

200x200x110mm



ø 98mm

ø 112mm

95 swing Hi-Spot ES63
minimum recess dimensions:
400x400x170mm

250x250x170mm



ø 98mm

ø 112mm

95 swing Hi-Spot 63
minimum recess dimensions:
400x400x170mm

250x250x170mm

INSET PRO

80/95 COMFORT



- >> FOR HI-SPOT ES50/ES63, HI-SPOT 63 AND BRITESPOT ES50 METAL HALIDE
- >> ALUMINIUM HOUSING
- >> THREE COLOURS
- >> FITTED WITH BLACK COMFORT RING
- >> IP44

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



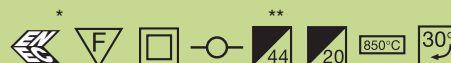
>> HIPAR51 • GX10
35W = 3300 lm



>> QPAR64 • GU10
75W = 980 lm



>> QPAR20 • E27
50W = 660 lm



* pending
** not for BriteSpot ES50

69

INSET PRO comfort

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
supplied with Hi-Spot ES50 50W 25° lamp						
■ 3080100	QPAR51	50W	GU10	Pro 80 comfort Hi-Spot ES50	white	0.20kg
■ 3080110	QPAR51	50W	GU10	Pro 80 comfort Hi-Spot ES50	brushed alu	0.20kg
■ 3080120	QPAR51	50W	GU10	Pro 80 comfort Hi-Spot ES50	gold	0.20kg
supplied with BriteSpot ES50 35W 38° lamp						
■ 3080220	HIPAR51	35W	GX10	Pro 80 comfort BriteSpot ES50	white	0.21kg
■ 3080230	HIPAR51	35W	GX10	Pro 80 comfort BriteSpot ES50	brushed alu	0.21kg
■ 3080240	HIPAR51	35W	GX10	Pro 80 comfort BriteSpot ES50	gold	0.21kg
supplied with Hi-Spot ES63 75W 25° lamp						
■ 3080360	QPAR64	75W	GU10	Pro 95 comfort Hi-Spot ES63	white	0.24kg
■ 3080370	QPAR64	75W	GU10	Pro 95 comfort Hi-Spot ES63	brushed alu	0.24kg
■ 3080380	QPAR64	75W	GU10	Pro 95 comfort Hi-Spot ES63	gold	0.24kg
■ 3080420	QPAR20	50W	E27	Pro 95 comfort Hi-Spot 63	white	0.23kg
■ 3080430	QPAR20	50W	E27	Pro 95 comfort Hi-Spot 63	brushed alu	0.23kg
■ 3080440	QPAR20	50W	E27	Pro 95 comfort Hi-Spot 63	gold	0.23kg



80 comfort Hi-Spot ES50
minimum recess dimensions:
400x400x120mm
200x200x120mm



80 comfort BriteSpot ES50
minimum recess dimensions:
400x400x140mm



95 comfort Hi-Spot 63
minimum recess dimensions:
400x400x120mm
250x250x120mm



95 comfort Hi-Spot 63
minimum recess dimensions:
400x400x180mm
250x250x180mm

INSET PRO

95/115 CONE

- >> TWO DIAMETERS
- >> IP20 CLASSIFICATION
- >> CHROME-COLOURED RING
- >> 2 X 30° TILT
- >> EASY INSTALLATION



LIGHT SOURCES

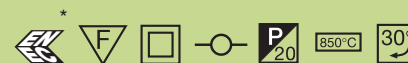
>> QPAR51 • GU10
50W = 525 lm



>> QPAR64 • GU10
75W = 980 lm



>> QPAR20 • E27
50W = 660 lm



* pending

70

INSET PRO cone

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
supplied with Hi-Spot ES50 50W 25° lamp						
■ 3080300	QPAR51	50W	GU10	Pro 95 cone Hi-Spot ES50	white	0.23kg
■ 3080310	QPAR51	50W	GU10	Pro 95 cone Hi-Spot ES50	brushed alu	0.23kg
■ 3080320	QPAR51	50W	GU10	Pro 95 cone Hi-Spot ES50	gold	0.23kg
supplied with Hi-Spot ES63 75W 25° lamp						
■ 3080510	QPAR64	75W	GU10	Pro 115 cone Hi-Spot ES63	white	0.35kg
■ 3080520	QPAR64	75W	GU10	Pro 115 cone Hi-Spot ES63	brushed alu	0.35kg
■ 3080530	QPAR64	75W	GU10	Pro 115 cone Hi-Spot ES63	gold	0.35kg
■ 3080540	QPAR20	50W	E27	Pro 115 cone Hi-Spot63	white	0.34kg
■ 3080550	QPAR20	50W	E27	Pro 115 cone Hi-Spot63	brushed alu	0.34kg
■ 3080560	QPAR20	50W	E27	Pro 115 cone Hi-Spot63	gold	0.34kg



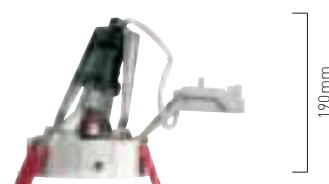
95 cone Hi-Spot ES50
minimum recess dimensions:
400x400x130mm

250x250x130mm



115 cone Hi-Spot ES63
minimum recess dimensions:
400x400x130mm

250x250x130mm



115 cone Hi-Spot 63
minimum recess dimensions:
400x400x190mm

250x250x190mm



Lumiance

A photograph of a modern interior space featuring a ceiling with several circular inset recessed halogen downlights. The ceiling is white, and the walls are a light blue-grey color. A diagonal architectural element, possibly a beam or a decorative trim, runs across the frame. The lighting is soft and even, highlighting the clean lines of the space.

INSET IS A COMPREHENSIVE RANGE OF RECESSED MAINS VOLTAGE HALOGEN DOWNLIGHTS WHICH ARE QUICK AND EASY TO INSTALL. INSET DOWNLIGHTS CAN BE DIMMED WITHOUT A TRANSFORMER. INSET TREND IS AN IP44 ADDITION TO THE INSET MAINS VOLTAGE HALOGEN DOWNLIGHT RANGE. THE STYLISH DESIGN MAKES THESE FIXTURES IDEAL FOR A WIDE RANGE OF USES IN COMMERCIAL AND DOMESTIC APPLICATIONS AND INCORPORATES THE LUMIANCE DESIGNED QUICK AND EASY ELECTRICAL CONNECTION BOX.

INSET



INSET TREND

Inset Trend is available in seven colours for use in homes, shops, hotels and offices. This range consists of flush, swing, cone and comfort versions, which comes complete with Hi-Spot ES50 or BriteSpot ES50 metal halide lamp. Installer 3 packs are available in all colours.

INSET FLUSH

Fixed and compact recessed Inset downlights which offer added sparkle, due to the flush positioning of the lamp.

INSET SWING

This adjustable recessed version of the Inset downlight offers a 2x20° tilt - and added sparkle, due to the positioning of the lamp.

INSET TOPPER

The Topper series of recessed Inset downlights has a transparent protective glass providing IP44 (splash proof) protection, making it suitable for humid areas such as bathrooms. Its high lamp position and a deep black baffle are identical to the Inset Comfort.

INSET EYEBALL

A directional semi-recessed Inset downlight with (355°) rotation and 2x35° tilt. It offers a degree of extra sparkle due to the low positioning of the lamp.



INSET TREND

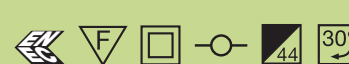
62 FLUSH/75 SWING

- >> EASY RELAMPING DUE TO UNIQUE LAMP SPRING
- >> CAN BE WIRED IN SERIES
- >> SWING: 2 X 30° TILT
- >> AVAILABLE IN 7 COLOURS
- >> HI-SPOT ES50 LAMP INCLUDED



LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm



* for swing versions

INSET TREND flush supplied with Hi-Spot ES50 50W 25° lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3073550	QPAR51	50W	GU10	Trend 62 flush	white	0.17kg
3073560	QPAR51	50W	GU10	Trend 62 flush	brushed alu	0.17kg
3073570	QPAR51	50W	GU10	Trend 62 flush	matt silver	0.17kg
3073580	QPAR51	50W	GU10	Trend 62 flush	chrome	0.17kg
3073590	QPAR51	50W	GU10	Trend 62 flush	gold	0.17kg
3073650	QPAR51	50W	GU10	Trend 62 flush	antique	0.17kg
3073660	QPAR51	50W	GU10	Trend 62 flush	brushed gold	0.17kg

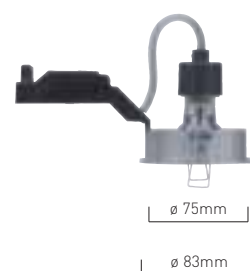


85mm

62 flush
minimum recess dimensions:
200x200x85mm

INSET TREND swing swing supplied with Hi-Spot ES50 50W 25° lamp

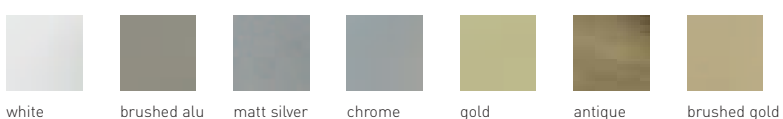
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3073500	QPAR51	50W	GU10	Trend 75 swing	white	0.23kg
3073510	QPAR51	50W	GU10	Trend 75 swing	brushed alu	0.23kg
3073520	QPAR51	50W	GU10	Trend 75 swing	matt silver	0.23kg
3073530	QPAR51	50W	GU10	Trend 75 swing	chrome	0.23kg
3073540	QPAR51	50W	GU10	Trend 75 swing	gold	0.23kg
3073600	QPAR51	50W	GU10	Trend 75 swing	antique	0.23kg
3073610	QPAR51	50W	GU10	Trend 75 swing	brushed gold	0.23kg



85mm

75 swing
minimum recess dimensions:
200x200x85mm

for easy mounting on isolated ceilings, recess boxes are available see page 91



INSET TREND 75 SWING (3-PACK)



- >> FOR 'READY TO INSTALL' SOLUTIONS
- >> EASY RELAMPING DUE TO UNIQUE LAMP SPRING
- >> SWING: 2 X 30° TILT
- >> AVAILABLE IN 7 COLOURS
- >> HI-SPOT ES50 LAMP INCLUDED

LIGHT SOURCES

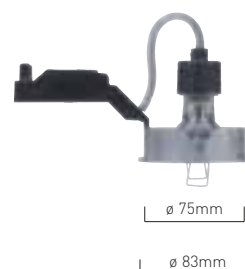
- >> QPAR51 • GU10
50W = 525 lm



75

INSET TREND swing (3-PACK) supplied with Hi-Spot ES50 50W 25° lamp

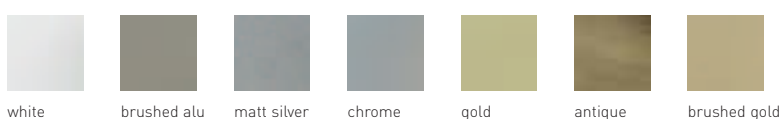
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3073503	QPAR51	50W	GU10	Trend 75 swing	white	0.23kg
3073513	QPAR51	50W	GU10	Trend 75 swing	brushed alu	0.23kg
3073523	QPAR51	50W	GU10	Trend 75 swing	matt silver	0.23kg
3073533	QPAR51	50W	GU10	Trend 75 swing	chrome	0.23kg
3073543	QPAR51	50W	GU10	Trend 75 swing	gold	0.23kg
3073603	QPAR51	50W	GU10	Trend 75 swing	antique	0.23kg
3073613	QPAR51	50W	GU10	Trend 75 swing	brushed gold	0.23kg



85mm

75 swing
minimum recess dimensions:
200x200x85mm

for easy mounting on isolated ceilings, recess boxes are available see page 91



white

brushed alu

matt silver

chrome

gold

antique

brushed gold



Inset Trend Swing 3-pack

INSET TREND 75 COMFORT



- >> EASY RELAMPING
- >> 2 X 30° TILT
- >> INCLUDING ANTI-GLARE BEZEL
- >> LAMP INCLUDED
- >> BRITESPOT METAL HALIDE FOR HIGH LIGHT OUTPUT

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> HIPAR51 • GX10
35W = 3300 lm



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INSET TREND comfort supplied with Hi-Spot ES50 50W 25° or BriteSpot ES50 35W 38° metal halide lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3073800	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	white	0.20kg
■ 3073810	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	brushed alu	0.20kg
■ 3073820	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	matt silver	0.20kg
■ 3073830	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	chrome	0.20kg
■ 3073840	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	gold	0.20kg
■ 3073850	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	antique	0.20kg
■ 3073860	QPAR51	50W	GU10	Trend 75 comfort Hi-Spot ES50	brushed gold	0.20kg
■ 3073900	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	white	0.21kg
■ 3073910	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	brushed alu	0.21kg
■ 3073920	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	matt silver	0.21kg
■ 3073930	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	chrome	0.21kg
■ 3073940	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	gold	0.21kg
■ 3073950	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	antique	0.21kg
■ 3073960	HIPAR51	35W	GX10	Trend 75 comfort BriteSpot ES50	brushed gold	0.21kg
■ 3073870	HIPAR51	35W	GX10	Installer kit*	white	
■ 3073880	HIPAR51	35W	GX10	Installer kit*	brushed alu	



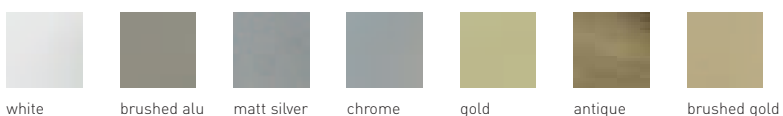
75 comfort Hi-Spot ES50
minimum recess dimensions:
200x200x110mm



75 comfort BriteSpot ES50
minimum recess dimensions:
400x400x125mm

for easy mounting on isolated ceilings, recess boxes are available see page 91

* including lamp and VSA



INSET TREND

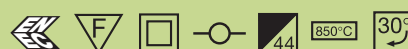
75 CONE

- >> EASY RELAMPING
- >> 2 X 30° TILT
- >> INCLUDING CHROME CONE
- >> HI-SPOT ES50 LAMP INCLUDED
- >> AVAILABLE IN 7 COLOURS



LIGHT SOURCES

- >> QPAR51 • GU10
- 50W** = 525 lm



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INSET TREND cone supplied with Hi-Spot ES50 50W 25° lamp

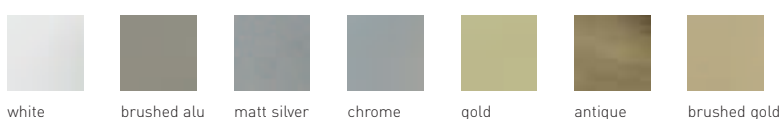
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3073700	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	white	0.18kg
■ 3073710	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	brushed alu	0.18kg
■ 3073720	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	matt silver	0.18kg
■ 3073730	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	chrome	0.18kg
■ 3073740	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	gold	0.18kg
■ 3073750	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	antique	0.18kg
■ 3073760	QPAR51	50W	GU10	Trend 75 cone Hi-Spot ES50	brushed gold	0.18kg



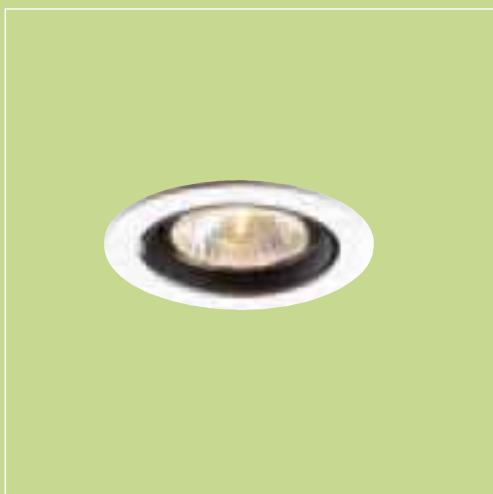
110mm

75 cone
minimum recess dimensions:
200x200x110mm

for easy mounting on isolated ceilings, recess boxes are available see page 91



INSET FLUSH



- >> SIMPLE COMPACT FIXED DOWNLIGHT
- >> QUICK AND EASY INSTALL
- >> SPARKLING EFFECT
- >> LOOPING AND DIMMING
- >> HI-SPOT ES50 & ES63 LAMP INCLUDED

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> QPAR64 • GU10
75W = 980 lm



>> QPAR20 • E27
50W = 630 lm



>> QPAR80 • E27
75W = 1080 lm



>> QPAR30 • E27
100W = 1550 lm



>> QPAR38 • E27
100W = 1550 lm



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INSET flush

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3085430	QPAR51	50W	GU10	Inset 70 flush Hi-Spot ES50	white	0.30kg
3085140	QPAR64	75W	GU10	Inset 80 flush Hi-Spot ES63	white	0.30kg
3085500	QPAR20 R63	50W 60W	E27 E27	Inset 80 flush Hi-Spot 63 Inset 80 flush Hi-Spot 63	white	0.30kg
3085600	QPAR80 R80	75W 75W	E27 E27	Inset 100 flush Hi-Spot 80 Inset 100 flush Hi-Spot 80	white	0.10kg
3085700	QPAR30	100W	E27	Inset 120 flush Hi-Spot 95	white	0.30kg
3085800	QPAR38	100W	E27	Inset 150 flush Hi-Spot 120	white	0.30kg



ø 72mm

ø 80mm

70 flush QPAR51
minimum recess dimensions:
172x200x75mm

70 flush QPAR51
minimum recess dimensions:
172x200x80mm

80 flush QPAR64 GU10
minimum recess dimensions:
182x210x90mm

80 flush QPAR64 GU10
minimum recess dimensions:
182x210x120mm

80 flush QPAR20 E27
minimum recess dimensions:
180x180x135mm

100 flush QPAR25
minimum recess dimensions:
200x200x150mm



ø 122mm

ø 140mm

120 flush QPAR30
minimum recess dimensions:
220x220x130mm



ø 155mm

ø 175mm

150 flush QPAR38
minimum recess dimensions:
252x252x185mm

INSET SWING



- >> QUICK AND EASY INSTALL
- >> SPARKLING EFFECT
- >> 2 X 20° TILT
- >> LOOPING AND DIMMING
- >> HI-SPOT ES50 LAMP INCLUDED

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> QPAR64 • GU10
75W = 980 lm



>> QPAR20 • E27
50W = 630 lm



>> R63 • E27
60W = 650 lm

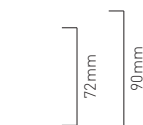


>> QPAR80 • E27
75W = 1080 lm



INSET swing

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3085060	QPAR51	50W	GU10	Inset 70 swing Hi-Spot ES50	white	0.20kg
3085080	QPAR51	50W	GU10	Inset 70 swing Hi-Spot ES50	mat silver	0.20kg
3086050	QPAR64	75W	GU10	Inset 80 swing Hi-Spot ES63	white	0.30kg
3086070	QPAR64	75W	GU10	Inset 80 swing Hi-Spot ES63	mat silver	0.30kg
3085300	QPAR20	50W	E27	Inset 80 swing Hi-Spot 63	white	0.20kg
	R63	60W	E27	Inset 80 swing Hi-Spot 63	white	0.20kg
3085160	QPAR80	75W	E27	Inset 100 swing Hi-Spot 80	white	0.10kg



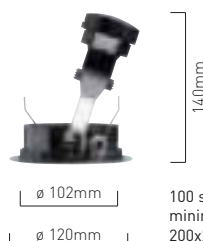
70 swing QPAR51 GU10
minimum recess dimensions:
172x200x75mm

172x200x90mm

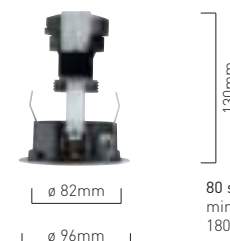


80 swing QPAR64 GU10
minimum recess dimensions:
182x210x80mm

182x210x110mm



100 swing QPAR25 E27
minimum recess dimensions:
200x200x140mm



80 swing QPAR64 E27
minimum recess dimensions:
180x180x150mm

INSET 70/80 TOPPER



- >> IP44 CLASSIFICATION
- >> COMFORT LIGHTING
- >> LOOPING AND DIMMING POSSIBLE
- >> SYLVANIA HI-SPOT ES50 LAMP AND SAFETY GLASS INCLUDED
- >> EASY TO INSTALL

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> QPAR64 • E27
50W = 660 lm



>> R63 • E27
60W = 650 lm



* only for Inset 80 topper

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INSET topper

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3085010	QPAR51	50W	GU10	Inset 70 topper	white	0.20kg
3085550	QPAR64	50W	E27	Inset 80 topper	white	0.20kg
	R63	40W	E27		white	0.20kg



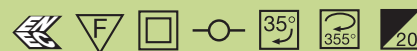
INSET 90 EYEBALL



- >> 355° ADJUSTABLE
- >> 35° TILTABLE
- >> LOOPING AND DIMMING POSSIBLE
- >> SYLVANIA HI-SPOT ES50 LAMP INCLUDED
- >> EASY TO INSTALL

LIGHT SOURCES

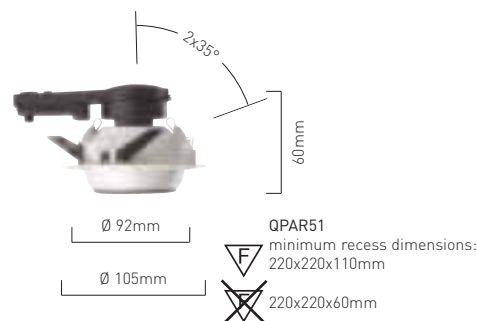
- >> QPAR51 • GU10
50W = 525 lm



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INSET eyeball

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3023620	QPAR51	50W	GU10	Inset 90 eyeball	white	0.30kg





MANUFACTURED FROM DIE-CAST ALUMINIUM, SIGNO IS A RANGE OF ADJUSTABLE AND FIXED DOWNLIGHTS FOR MAINS OR LOW VOLTAGE HALOGEN AND HIGH INTENSITY DISCHARGE LAMPS. SIGNO IS THE IDEAL SOLUTION FOR ACCENT LIGHTING IN MUSEUMS, EXHIBITIONS AND RETAIL. THE RANGE CAN BE COMBINED WITH INSET, INSAVER AND INSTAR FITTINGS.

Lumiance

SIGNO

SIGNO 115

With a cut-out diameter of 115mm, Signo 115 is an adjustable compact downlight which can be specified with Hi-Spot ES63 GU10 mains voltage halogen lamp, Superia 12V Coolbeam tungsten halogen lamp and the high power Sylvania BriteSpot ES50 35W metal halide lamp.

SIGNO 155

With a cut-out diameter of 155mm, Signo 155 is an adjustable downlight designed for use with mains or low voltage halogen and high intensity discharge lamps. Accessories include a spot reflector, an elongation lens and a special sun filter which improves the colour rendering of CMI-T (WDL 3000K) lamps in the red spectrum.

SIGNO 205

With a cut-out diameter of 205mm, Signo 205 is an adjustable downlight which is designed to take a range of high power lamps, including HIT. HIT versions take both ceramic as well as quartz capsules. An optional conversion sun filter improves the colour rendering of CMI-T (WDL 3000K) lamps in the red spectrum.

SIGNO 155 / 205 FIXED

The non-directional Signo Fixed can be combined, in most lighting schemes, with the Signo adjustable range. It is designed for use with 35-150W CMI-T(C) metal halide lamps. The CMI versions are supplied with a wide-beam angle. Accessories include a spot reflector and a special sun- filter that improved the colour rendering of CMI-T (WDL 3000K) lamps in the red spectrum.



SIGNO

115



- >> BRITESPOT ES50 METAL HALIDE, HI-SPOT ES63 AND 12V COOLBEAM LAMPS
- >> LOW RECESS DEPTH OF 110MM
- >> SOLID DIE-CAST ALUMINIUM HOUSING
- >> 60° TILT AND 355° ROTATION
- >> UNIQUE FRICTION SYSTEM, FOR OPTIMAL ADJUSTMENT

LIGHT SOURCES

>> HIPAR51 • GX10
35W = 3300 lm



>> QR-CB51 • GU/GX5.3
50W = 1000 lm



>> QPAR64 • GU10
75W = 1200 lm



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SIGNO 115



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
supplied with BriteSpot ES50 35W 38° lamp						
3021560	HIPAR51	35W	GX10	BriteSpot ES50	white	0.30kg
3021570	HIPAR51	35W	GX10	BriteSpot ES50	matt silver	0.30kg
3020360	QR-CB51	50W	GU/GX5.3	Cool50	white	0.30kg
3021590	QR-CB51	50W	GU/GX5.3	Cool50	matt silver	0.30kg
supplied with Hi-Spot ES63 75W 25° lamp						
3020350	QPAR64	75W	GU10	Hi-Spot ES63	white	0.40kg

for use with Lumitronic transformers see page 93 and Lumipower gear see page 92



ø 115mm

ø 130mm

110mm



HIPAR51
minimum recess dimensions:
400x400x110mm



QR-CB51
minimum recess dimensions:
265x215x110mm



Q-PAR64
minimum recess dimensions:
265x215x110mm

SIGNO 155



- >> HIT/CMI-TC, QT-12, QPAR30 AND HI-PAR
- >> QUICK FIX SPRINGS
- >> SOLID DIE-CAST ALUMINIUM HOUSING
- >> 60° TILT AND 355° ROTATION
- >> UNIQUE FRICTION SYSTEM, FOR OPTIMAL ADJUSTMENT

LIGHT SOURCES

>> QPAR30 • E27
100W = 1600 lm

>> QT-ax12 • GY6.35
100W = 2300 lm

>> HIT/CMI-TC • G8.5
35/70W = 3400/6200 lm

>> HI-PAR L30 • E27
35/70W = 3400/6400 lm



* only for Hi-Par version

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SIGNO 155

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3020690	Q-PAR30	100W	E27	Hi-Spot 95	white	0.70kg
3020430	QT-ax12	100W	GY6.35	Halogen100	white	0.70kg
3000920	HIT	35/70W	G8.5	HIT/CMI-TC	white	0.70kg
3000900	HIT	35/70W	G8.5	HIT/CMI-TC	matt silver	0.70kg
3000970	HI-PAR L30	35/70W	E27	HIPAR/CDM-R	white	0.70kg

CAT NO	ACCESSORIES
3004700	spot reflector
3006850	sunfilter
	HIT/CMI-TC 3000K



ø 155mm

ø 170mm

120mm



Q-PAR30
minimum recess dimensions:
305x255x120mm



QT-ax12
minimum recess dimensions:
305x255x120mm



HIT
minimum recess dimensions:
400x400x120mm



HIPAR30
minimum recess dimensions:
400x400x120mm

for use with Lumitronic transformers see page 93 and Lumipower gear see page 92

SIGNO 205



- >> HIT/CMI-T AND HIT/CMI-TD
- >> QUICK FIX SPRINGS
- >> SOLID DIE-CAST ALUMINIUM HOUSING
- >> 60° TILT AND 355° ROTATION
- >> UNIQUE FRICTION SYSTEM, FOR OPTIMAL ADJUSTMENT

LIGHT SOURCES

>> HIT/CMI-T • G12
35/70/150W =
3400/6200/13500 lm



>> HIT-DE/CMI-TD • Rx7s
70W = 6200 lm



>> HST-SDW/-TG • PX12-1
50/100W = 2300/4800 lm



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SIGNO 205



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3000880	HIT	35/70/150W	G12	HIT/CMI-T	white	1.60kg
3000890	HIT-DE	70W	Rx7s	HIT-DE/CMI-TD	white	1.60kg
3000990	HST	50/100W	GX12-1	HST/SDW-TG	white	1.60kg

CAT NO	ACCESSORIES	MODEL
3006880	red-spectrum filter (glass)	SDW-TG
3004720	spot reflector (metal)	CMI-T/SDW-TG
3006870	sunfilter (glass)	CMI-T 3000K

no low voltage gear required. for use with Lumipower gear see page 92



ø 205mm

ø 225mm



SIGNO 205
minimum recess dimensions:
450x450x170mm



SIGNO 205 HST/SDW-TG

SIGNO

155/205 FIXED



- >> HIT/CMI-TC AND HIT/CMI-T
- >> QUICK FIX SPRINGS
- >> SOLID DIE-CAST ALUMINIUM HOUSING
- >> EASY RELAMPING FROM ABOVE OR BELOW

LIGHT SOURCES

>> HIT/CMI-TC • G8.5
35/70W = 3400/6400 lm



>> HIT/CMI-T • G12
35/70/150W =
3400/6200/13500 lm



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SIGNO 155 fixed



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3000800	HIT	35/70W	G8.5	HIT/CMI-TC	white	0.70kg

SIGNO 205 fixed



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3000810	HIT	35/70/150W	G12	HIT/CMI-T	white	1.60kg

CAT NO	ACCESSORIES	MODEL
3004700	spot reflector 155 (metal)	CMI-T
3006850	sunfilter 155 (glass)	CMI-TC 3000K
3004720	spot reflector 205 (metal)	CMI-T
3006870	sunfilter 205 (glass)	CMI-T 3000K

no low voltage gear required, for use with Lumipower gear see page 92



ø 155mm

ø 170mm

135mm

HIT/CMI-TC
minimum recess dimensions:
400x400x120



ø 205mm

ø 225mm

170mm

HIT/CMI-T
minimum recess dimensions:
450x450x170



EXPOSPOT IS A RANGE OF MULTIPLE DOWNLIGHTS IN WHICH 1, 2 OR 3 SPOTLIGHTS ARE INTEGRATED. IDEAL FOR SHOPLIGHTING APPLICATIONS.

EXPOSPOT



EXPOSPOT

The downlights are meant for QR-LP 111 100W and CMI-TC lamps. The units are made of steel and die-cast aluminium and are available in silver grey colour finish. The spotlights can be tilted 2x60° (cardan joint). The transformer or gear must be ordered separately.



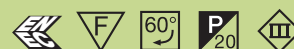
EXPOSPOT

- >> FOR THE QR-LP 111 AND CMI-TC LAMP
- >> POWERFUL BEAMS AND LOW GLARE
- >> CARDAN JOINT: 2X60° TILTABLE
- >> STEEL AND DIE-CAST ALUMINIUM



LIGHT SOURCES

- >> QR-LP111 • G53
100W = 1800 lm
- >> HIT/CMI-TC • G8.5
35W = 3400 lm
70W = 6600 lm



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EXPOSPOT recessed

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3061410	QR-LP111	100W	G53	linear	silver	1.30kg
3061420	QR-LP111	2x100W	G53	linear	silver	2.00kg
3061490	HIT/CMI-TC	2x35/70W	G8,5	HIT linear (+flood refl.)	silver	2.00kg
3061430	QR-LP111	3x100W	G53	linear	silver	2.60kg

CAT NO	ACCESSORIES	MODEL
3004700	spot reflector	CMI-T

for use with Lumipower gear see page 92



230mm

203mm

linear 1x100W
minimum recess dimensions:
255x301x105mm



375mm

203mm

linear 2x100W
minimum recess dimensions:
255x446x105mm



HIT linear 2x35/70W
minimum recess dimensions:
450x445x165mm



520mm

203mm

linear 3x100W
minimum recess dimensions:
255x590x105mm

RECESS BOX

- >> EASY MOUNTING ON FALSE CEILING
- >> KEEPS FIXTURE AND CEILING FROM OVERHEATING
- >> MADE OF STRONG POLYPROPYLENE
- >> F-MARK 'ROOF'
- >> SMALL AND LARGE BOX AVAILABLE

Lumiance recess boxes are ideal for application above false insulated ceilings to protect fixtures, transformers and building parts against overheating.

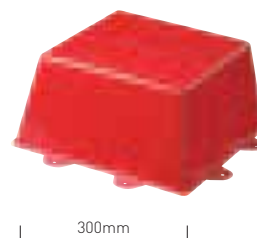
The box comes in two sizes, square and rectangle. For combination with Inset trend, Instar trend and Motto 82 downlights. The boxes are made of flame retardant red polypropylene. They are suitable for mounting on normally flammable materials such as wood. To comply with safety standards, the lamp wattage may have to be reduced, see datasheet on the lumiance website. www.lumiance.com



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RECESS BOX

CAT NO	MODEL	COLOUR	WEIGHT
■ 3007940	small	red	0.40kg
■ 3007950	large	red	0.65kg



Small
dimensions: 300x300x150mm



Large
dimensions: 545x300x150mm

LUMIPOWER GEAR

A range of conventional and electronic gear for 35W, 70W and 150W discharge lamps. Lumipower gear can be used with fixtures from the Motto and Signo ranges.

The gear is compact and thermally protected against overloading. Electronic gear optimises lamp life, colour stability, efficiency and gives a rapid start flickerfree light.



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LUMIPOWER

CAT.NO.	MODEL	LxWxH	WEIGHT
3006720	Lumipower HIT 35W	210x80x70mm	1.4kg
3006730	Lumipower HIT 35W electronic	155x85x40mm	0.3kg
3006090	Lumipower Slim HIT 35W electronic	185x40x70mm	0.3kg
3006740	Lumipower HIT 70W	210x80x70mm	1.8kg
3006750	Lumipower HIT 70W electronic	155x85x40mm	0.4kg
3006760	Lumipower HIT 150W	260x80x70mm	3.0kg



Lumipower HIT

Lumipower HIT
electronic

Lumipower Slim HIT

LUMITRONIC TRANSFORMERS

A range of electronic transformers with 60, 105 and 150 VA output. Lumitronic transformers can be used with downlights from the Motto, Signo and Instar ranges. The transformers are easy to install and can be dimmed with most types of leading & trailing edge dimmer.

All Lumitronic transformers are thermally protected against overloads and short circuits and are soft start for a longer lamp life. The 105 and 150 VA types allow loop-in/loop-out primary wiring and have 3 pairs of output terminals.



only for transformers

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LUMITRONIC

CAT NO	DESCRIPTION	LxWxH	WEIGHT
3006030	20-60VA	91x28x41mm	0.1kg
3006040	35-105VA	146x26x38mm	0.1kg
3006050	50-150VA	148x30x46mm	0.2kg

3006120 Lumiblock, 6-way terminal block with 25cm cable

3006110 Lumiflex, 2m connecting cable*

3006150 Lumicord, 1m extension cable*

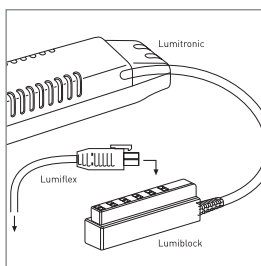
* max 50W, max 70°C

The following lamps can be connected directly to the transformers.

	20W	35W	50W	75W	100W
60VA	1	1	1	-	-
105VA	3	3	2	1	1
150VA	3	3	3	2	1

Via a Lumiblock, the following lamps can be connected.

	20W	35W	50W	75W	100W
60VA	3	1	1	-	-
105VA	5	3	2	-	-
150VA	6	4	3	-	-



20-60VA



35-105VA



50-150VA



Lumiblock



Lumiflex



Lumicord

AMBIENT & AMENITY



Lumiance

OVERVIEW



	PAGE NUMBER	INCANDESCENT MAINS VOLTAGE	TUNGSTEN HALOGEN	- MAINS VOLTAGE	- LOW VOLTAGE	H.I.D.	COMPACT FLUORESCENT	L.E.D.	EMERGENCY
FRESCO 300	98						•		
FRESCO 400	99						•		•
GIOTTO 235	104						•		
GIOTTO 235 A	105	•					•		
GIOTTO 305	107						•		
GIOTTO 335	108						•		•
GIOTTO CLASSIC	109						•		
GIOTTO OVAL	110	•					•		
GIOTTO 200	111						•		
PLANI LUX	114						•		
KUBO	118			•					
TUBO	119						•		
WALLED	120							•	
ARCHOS	124						•		•
CIELO 100/75/13	128	•		•			•		
CIELO 300	129			•			•		
VISIO/VISIO RONDO	132						•		



A RANGE OF FUNCTIONAL AND DECORATIVE ENERGY SAVING WALL/CEILING LUMINAIRES DESIGNED FOR AMBIENT LIGHTING. FRESCO IS AVAILABLE IN TWO DIAMETERS AND SUITABLE FOR COMPACT FLUORESCENT TC-DD 16/28W AND T16-R 22W/40W/55W CIRCULAR LAMPS. THE DURABLE CONSTRUCTION MAKES FRESCO IDEAL FOR GENERAL LIGHTING APPLICATIONS IN PUBLIC AREAS AND HUMID ENVIRONMENTS.



Lumiance

FRESCO

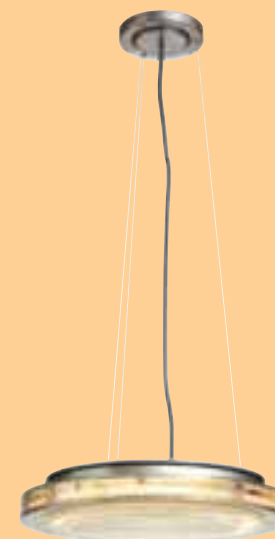
FRESCO 300/400

Fresco luminaires are designed for general energy-saving lighting applications for ceiling (surface mounted and semi-recessed) or wall, and take various compact fluorescent lamps including the popular T16 circular 22W, 40W and 55W. Available in two diameters (300mm and 400mm) and transparent diffuser. The diffuser distributes the light forward and sideways, thus creating a smooth and soft halo of light.



FRESCO PENDANT

With the pendant set (available as an accessory) the Fresco can be transformed to a decorative and functional pendant.



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FRESCO

300



- >> ENERGY SAVING AMBIENT LIGHTING
- >> COMPACT FLUORESCENT LAMP T16-R OR TC-DD INCLUDED
- >> SURFACE MOUNTING, SEMI RECESSED AND PENDANT
- >> VANDAL RESISTANT
- >> EMERGENCY LIGHTING OPTIONS AVAILABLE

LIGHT SOURCES

>> TC-DD • GR10q
16W = 1050 lm

>> T16-R • 2GX13
22W = 1800 lm



* pending

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FRESCO 300

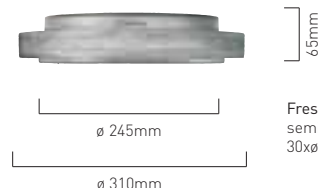


supplied with lamp

CAT NO	LAMP	W	CAP	BALLAST	COLOUR	WEIGHT
■ 3042650	TC-DD	16W	GR10q	magnetic	silver grey	1.60kg
■ 3042660	TC-DD	16W	GR10q	electronic	silver grey	1.40kg

■ 3042670	T16-R	22W	2GX13	electronic	silver grey	1.40kg
-----------	-------	-----	-------	------------	-------------	--------

CAT NO	ACCESSORIES	COLOUR	WEIGHT
■ 3042390	pendant set for Fresco 300	silver grey	1.20kg



Fresco 300
semi recess dimensions:
30x245mm



Fresco 300

FRESCO

400

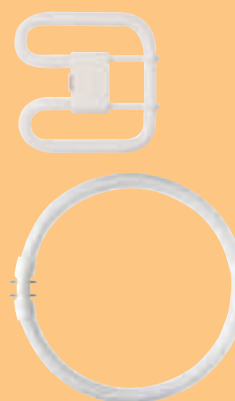


- >> ENERGY SAVING AMBIENT LIGHTING
- >> COMPACT FLUORESCENT LAMP T16-R OR TC-DD INCLUDED
- >> SURFACE MOUNTING, SEMI RECESSED AND PENDANT
- >> VANDAL RESISTANT
- >> EMERGENCY LIGHTING OPTION AVAILABLE

LIGHT SOURCES

>> TC-DD • GR10q
28W = 2050 lm

>> T16-R • 2GX13
40W = 3300 lm
55W = 4200 lm



* pending

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FRESCO 400



supplied with lamp

CAT NO	LAMP	W	CAP	BALLAST	COLOUR	WEIGHT
■ 3042680	TC-DD	28W	GR10q	magnetic	silver grey	2.70kg
■ 3042690	TC-DD	28W	GR10q	electronic	silver grey	2.20kg
■ 3042700	TD-DD	28W	GR10q	HF emergency	silver grey	3.20kg

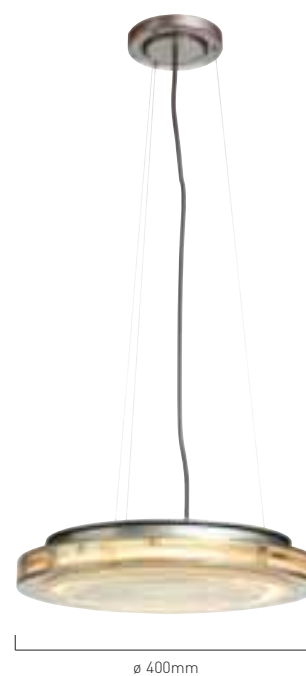
■ 3042710	T16-R	40W	2GX13	electronic	silver grey	2.20kg
■ 3042720	T16-R	55W	2GX13	electronic	silver grey	2.20kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
■ 3042590	pendant set for Fresco 400	silver grey	1.20kg

minimum emergency lighting time (autonomy) 3 h.



Fresco 400
semi recess dimensions:
30xø335mm



max. 2000mm

Fresco 400



A WIDE RANGE OF IP44 RECESSED AND SURFACE-MOUNTED LUMINAIRES, TAKING ENERGY-SAVING COMPACT FLUORESCENT LAMPS. THE GIOTTO RANGE PROVIDES HIGH UNIFORM ILLUMINATION AND THE DURABLE CONSTRUCTION MAKES THEM IDEAL FOR GENERAL LIGHTING APPLICATIONS IN PUBLIC AREAS AND HUMID ENVIRONMENTS.

Lumiance

GIOTTO



GIOTTO 235/305/335

Available in three diameters, these circular recessed or surface-mounted luminaires have a very shallow depth of only 41mm. Equipped with low loss magnetic or electronic ballasts, they offer a wide choice of lamps. Exterior aluminium grilles and eyelid accessories are available for the Giotto 235 surface-mounted version. Maintained emergency versions of the surface mounted 335 28W TC-DD are also available.



GIOTTO CLASSIC

The Giotto Classic can be recessed or surface mounted. Available in two diameters these fixtures take either the TC 2x7W and 2x9W lamp or the 16W and 28W TC-DD lamp.



101

GIOTTO OVAL

The Giotto Oval is a decorative, surface mounted fixture suitable for the TC-D 10/13W lamp. Available in white and black, the fixture can be mounted horizontally or vertically. A Giotto Oval with photocell is also available.



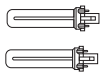
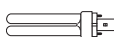
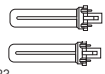
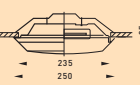
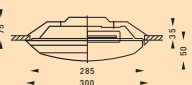
GIOTTO 200

Giotto 200 is a square, surface mounted variant, suitable for the TC-D 10/13W lamp and is available in white.



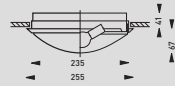
GIOTTO CLASSIC

GIOTTO classic recessed

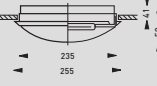
 TC-DSE • E27 11W = 600 lm A60 • E27 60W = 730 lm	 TC • G23 2x7W = 800 lm	 TC-D • G24d-1 10/13W = 900 lm	 TC • G23 TC-SEL • 2G7 2x9W = 1200 lm
 Giotto classic minor 3038940 magnetic, white		 Giotto classic major 3038920 magnetic, white	

GIOTTO RECESSED

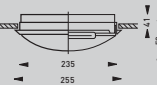
GIOTTO recessed



Giotto 235 A
3030060 white



Giotto 235
3030000 magnetic, white
3002600 magnetic +, white



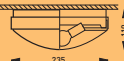
Giotto 235
3030310 HF, white

GIOTTO recessed, HF

GIOTTO recessed, emergency

GIOTTO SURFACE

GIOTTO surface



Giotto 235 A surface
3030070 white



Giotto 235 surface
3030010 magnetic, white
3002650 magnetic +, white
3030400 magnetic, black

GIOTTO surface electr. HF

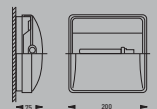


Giotto 235 surface
3030290 HF, white
3030290 HF, white

GIOTTO recessed, emergency

GIOTTO 200

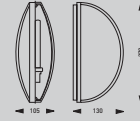
GIOTTO 200 quattro



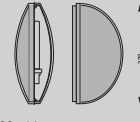
Giotto 200 quattro
3030200 magnetic, white

GIOTTO OVAL

GIOTTO oval

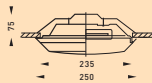
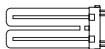
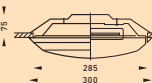
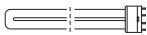
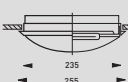
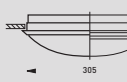
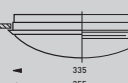
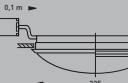


3031000 magnetic, white
3031020 magnetic, black



3031080 white
3031100 black
3031180 black +photocell

GIOTTO oval deco

 TC-DD • GR10q 16W = 1050 lm  Giotto classic minor 3046060 mag. el. starter, white	 TC-F • 2G10 24W = 1700 lm	 TC-DD • GR10q 28W = 2050 lm  Giotto classic major 3042980 mag. el. starter, white	 TC-L • 2G11 2x18W = 2400 lm	 TC-DD • 2G11 38W = 2950 lm
 Giotto 235 3030030 mag. el. starter, white	 Giotto 305 3030750 HF, white 3002610 magnetic +, white	 Giotto 305 3030140 mag. el. starter, white	 Giotto 335 3030320 magnetic, white 3032630 magnetic +, white	 Giotto 335 3030340 mag. el. starter, white
	 Giotto 305 3030750 electr HF, white	 Giotto 305 3030760 HF, white	 Giotto 335 3030770 HF, white 3002640 HF +, white	 Giotto 335 3030780 HF, white
				 Giotto 335 3030380 el. starter, emerg, white
 Giotto 235 surface 3030050 mag. el. starter, white	 Giotto 305 surface 3030110 magnetic, white 3002670 magnetic +, white	 Giotto 305 surface 3030150 mag. el. starter, white  Giotto 335 surface 3030570 mag. el. starter, white	 Giotto 335 surface 3030330 magnetic, white 3002690 magnetic +, white	 Giotto 335 surface 3030350 mag. el. starter, white
	 Giotto 305 surface 3030740 HF, white	 Giotto 305 surface 3030170 HF, white  Giotto 335 surface 3030560 HF emerg., white	 Giotto 335 surface 3030810 HF, white	 Giotto 335 surface 3030790 HF, white

GIOTTO

235



- >> ENERGY SAVING
- >> VANDAL-RESISTANT
- >> IP44 CLASSIFICATION
- >> VERY LOW RECESS DEPTH OF 41MM
(RECESSED MOUNTED VERSIONS)
- >> ACCESSORIES AVAILABLE

LIGHT SOURCES

>> TC • G23
2x9W = 1200 lm

>> TC-SEL • 2G7
2x9W = 1200 lm

>> TC-DD • GR10q
16W = 1050 lm



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GIOTTO 235 recess

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3002600	TC	2x9W	G23	magnetic/plus*	white	1.30kg
3030000	TC	2x9W	G23	magnetic	white	1.30kg
3030400	TC	2x9W	G23	magnetic	black	1.30kg

3030310	TC-SEL	2x9W	2G7	High Frequency	white	1.00kg
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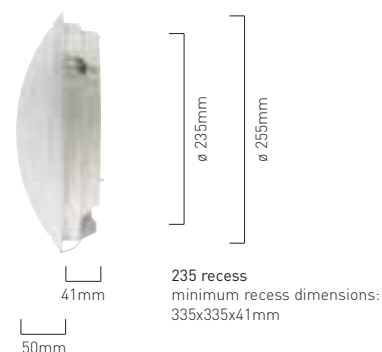
3030030	TC-DD	16W	GR10q	magnetic el. starter	white	1.30kg
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GIOTTO 235 surface

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3002650	TC	2x9W	G23	magnetic/plus*	white	1.30kg
3030010	TC	2x9W	G23	magnetic	white	1.30kg

3030290	TC-SEL	2x9W	2G7	High Frequency	white	1.00kg
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3030050	TC-DD	16W	GR10q	magnetic el. starter	white	1.30kg
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* including lamp (LF 830)
for accessories see page 106

GIOTTO

235 A



- >> ENERGY SAVING
- >> VANDAL-RESISTANT
- >> IP44 CLASSIFICATION
- >> VERY LOW RECESS DEPTH OF 41MM
(RECESSED-MOUNTED VERSIONS)
- >> DIFFERENT ACCESSORIES AVAILABLE

LIGHT SOURCES

>> A60 • E27
60W = 730 lm



>> TC-DSE • E27
11W = 600 lm



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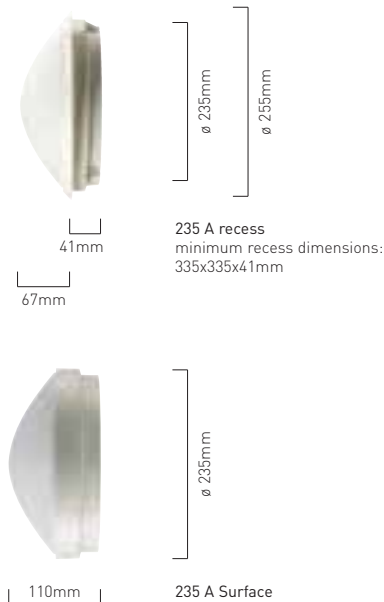
GIOTTO 235 A recess

CAT NO	LAMP	W	CAP	COLOUR	WEIGHT
3030060	A60	60W	E27	white	0.80kg
	TC-DSE	11W	E27	white	0.80kg

GIOTTO 235 A surface

CAT NO	LAMP	W	CAP	COLOUR	WEIGHT
3030070	A60	60W	E27	white	0.80kg
	TC-DSE	11W	E27	white	0.80kg

for accessories see page 106



GIOTTO

235 ACCESSORIES

- >> TRENDY AND DECORATIVE
- >> EXTERIOR ACCESSORIES
- >> QUICK AND EASY INSTALLATION
- >> DURABLE MATERIAL
- >> EXTENSIVE CHOICE



106

GIOTTO 235 trend ring

CAT NO	ACCESSORIES	COLOUR
3005800	trend ring	brushed aluminium

GIOTTO 235 deco trim

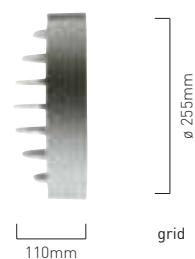
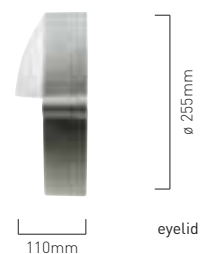
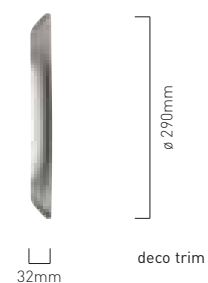
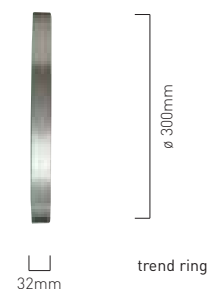
CAT NO	ACCESSORIES	COLOUR
3005100	deco trim	white
3005110	deco trim	brushed aluminium

GIOTTO 235 eyelid (not for Giotto 235A)

CAT NO	ACCESSORIES	COLOUR
3005310	accessory for Giotto 235, increases vandal resistance	silver

GIOTTO 235 grid (not for Giotto 235A)

CAT NO	ACCESSORIES	COLOUR
3005330	accessory for Giotto 235, increases vandal resistance	silver



GIOTTO

305



- >> ENERGY SAVING
- >> VANDAL-RESISTANT
- >> IP44 CLASSIFICATION
- >> VERY LOW RECESS DEPTH OF 41MM
(RECESSED-MOUNTED VERSIONS)
- >> ACCESSORIES AVAILABLE

LIGHT SOURCES

- >> TC-F • 2G10
24W = 1700 lm
- >> TC-DD • GR10q
28W = 2050 lm



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GIOTTO 305 recess

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3002610	TC-F	24W	2G10	magnetic*	white	2.30kg
3030750	TC-F	24W	2G10	High Frequency	white	2.20kg
3030140	TC-DD	28W	GR10q	magnetic el. starter	white	2.20kg

GIOTTO 305 surface

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3030110	TC-F	24W	2G10	magnetic	white	2.30kg
3002670	TC-F	24W	2G10	magnetic*	white	2.30kg
3030740	TC-F	24W	2G10	High Frequency	white	2.20kg
3030150	TC-DD	28W	GR10q	magnetic el. starter	white	2.30kg
3030170	TC-DD	28W	GR10q	High Frequency	white	2.20kg

CAT NO	ACCESSORIES	COLOUR
3005130	deco trim for Giotto 305	white
3005140	deco trim for Giotto 305	brushed alu.
3005810	trend ring for Giotto 305	brushed alu.

* including lamp (LF 830)



305 recess
minimum recess dimensions:
405x405x41mm



305 surface



deco trim



trend ring

GIOTTO

335



- >> ENERGY SAVING
- >> IP44 CLASSIFICATION
- >> VANDAL-RESISTANT
- >> VERY LOW RECESS DEPTH OF 41MM (RECESSED-MOUNTED VERSION)
- >> EMERGENCY LIGHTING OPTIONS AVAILABLE

LIGHT SOURCES

>> TC-L • 2G11
2x18W = 2400 lm



>> TC-DD • GR10q
1x28W = 2050 lm
1x38W = 2950 lm



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GIOTTO 335 recess

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3030320	TC-L	2x18W	2G11	magnetic	white	2.50kg
3002630	TC-L	2x18W	2G11	magnetic/plus*	white	2.50kg
3030770	TC-L	2x18W	2G11	High Frequency	white	2.50kg
3002640	TC-L	2x18W	2G11	High Frequency/plus*	white	2.50kg

3030340	TC-DD	38W	GR10q	magnetic el. starter	white	2.60kg
3030780	TC-DD	38W	GR10q	High Frequency	white	2.60kg
3030380	TC-DD	38W	GR10q	el. starter emergency**	white	2.60kg

GIOTTO 335 surface

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3002690	TC-L	2x18W	2G11	magnetic/plus*	white	2.50kg
3030330	TC-L	2x18W	2G11	magnetic	white	2.50kg
3030810	TC-L	2x18W	2G11	High Frequency	white	2.40kg

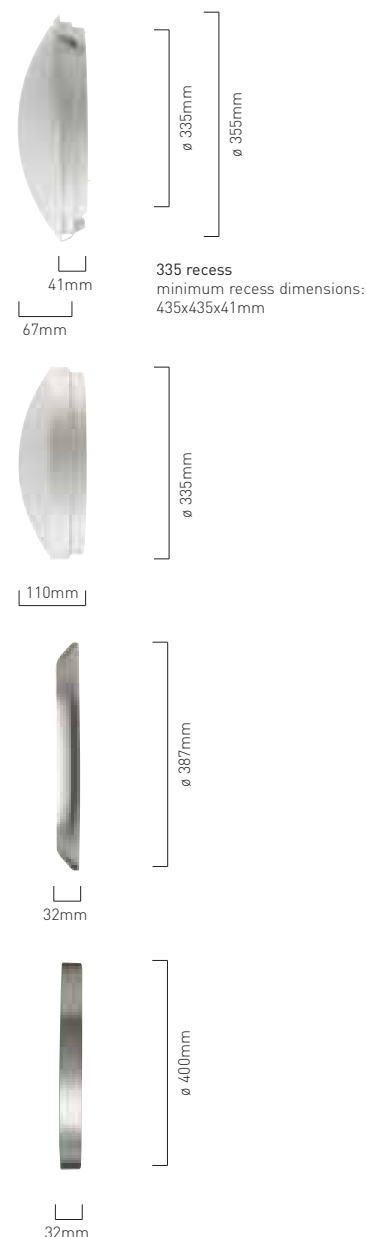
3030570	TC-DD	28W	GR10q	magnetic el. starter	white	2.50kg
3030560	TC-DD	28W	GR10q	HF emergency	white	2.70kg

3030350	TC-DD	38W	GR10q	magnetic el. starter	white	2.50kg
3030790	TC-DD	38W	GR10q	High Frequency	white	2.40kg

CAT NO	ACCESSORIES	COLOUR
3005160	deco trim for Giotto 335	white
3005170	deco trim for Giotto 335	brushed alu.
3005820	trend ring for Giotto 335	brushed alu.

* including lamp (LF 830)

** emergency unit is required, see page 27



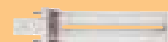
GIOTTO CLASSIC



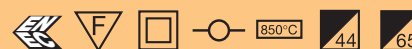
- >> IP44 CLASSIFICATION
- >> VANDAL-RESISTANT
- >> VERY LOW RECESS DEPTH
- >> SOLID CONSTRUCTION
- >> TIMELESS DESIGN
- >> ENERGY SAVING

LIGHT SOURCES

- >> TC • G23
2x7W = 800 lm
2x9W = 1200 lm
11W = 900 lm



- >> TC-DD • GR10q
16W = 1050 lm
28W = 2050 lm



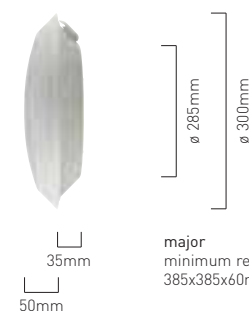
* only for Giotto classic linea

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GIOTTO classic major

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3038920	TC	2x9W	G23	magnetic	white	1.70kg
3042980	TC-DD	28W	GR10q	magnetic el. starter	white	1.70kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3044910	surface ring	white	0.12kg

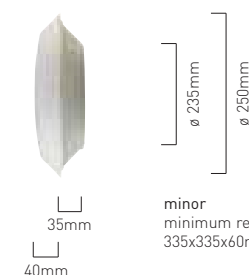


major
minimum recess dimensions:
385x385x60mm

GIOTTO classic minor

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3038940	TC	2x7W	G23	magnetic	white	1.00kg
3046060	TC-DD	16W	GR10q	magnetic el. starter	white	1.00kg

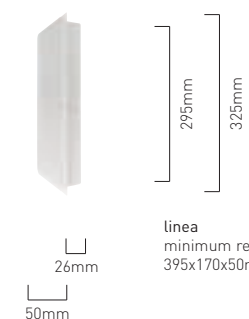
CAT NO	ACCESSORIES	COLOUR	WEIGHT
3044930	surface ring	white	0.10kg



minor
minimum recess dimensions:
335x335x60mm

GIOTTO classic linea

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3042010	TC	11W	G23	magnetic	white	1.10kg



linea
minimum recess dimensions:
395x170x50mm

GIOTTO

OVAL



- >> ENERGY SAVING
- >> DECORATIVE DESIGN
- >> IP44 CLASSIFICATION
- >> HORIZONTAL AND VERTICAL MOUNTING
- >> AVAILABLE WITH PHOTOCELL

LIGHT SOURCES

- >> TC-D • G24d-1
- 10W** = 600 lm
- 13W** = 900 lm



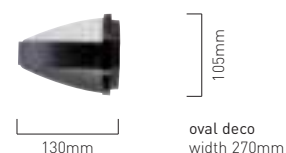
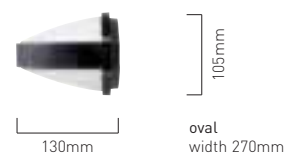
110

GIOTTO oval

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3031000	TC-D	10/13W	G24d-1	magnetic	white	0.90kg
3031020	TC-D	10/13W	G24d-1	magnetic	black	0.90kg

GIOTTO oval deco

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3031080	TC-D	10/13W	G24d-1		white	1.00kg
3031100	TC-D	10/13W	G24d-1		black	1.00kg
3031180	TC-D	10/13W	G24d-1	+ photocell	black	1.00kg



GIOTTO 200 QUATTRO



- >> ENERGY SAVING
- >> VANDAL-RESISTANT
- >> IP44 CLASSIFICATION
- >> TWO COLOURS AVAILABLE
- >> SURFACE MOUNTED

LIGHT SOURCES

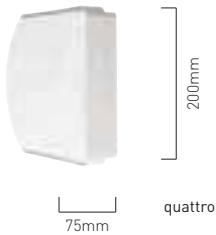
- >> TC-D • G24d-1
- 10W** = 600 lm
- 13W** = 900 lm



111

GIOTTO 200 quattro

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3030200	TC-D	10/13W	G24d-1	magnetic	white	1.10kg



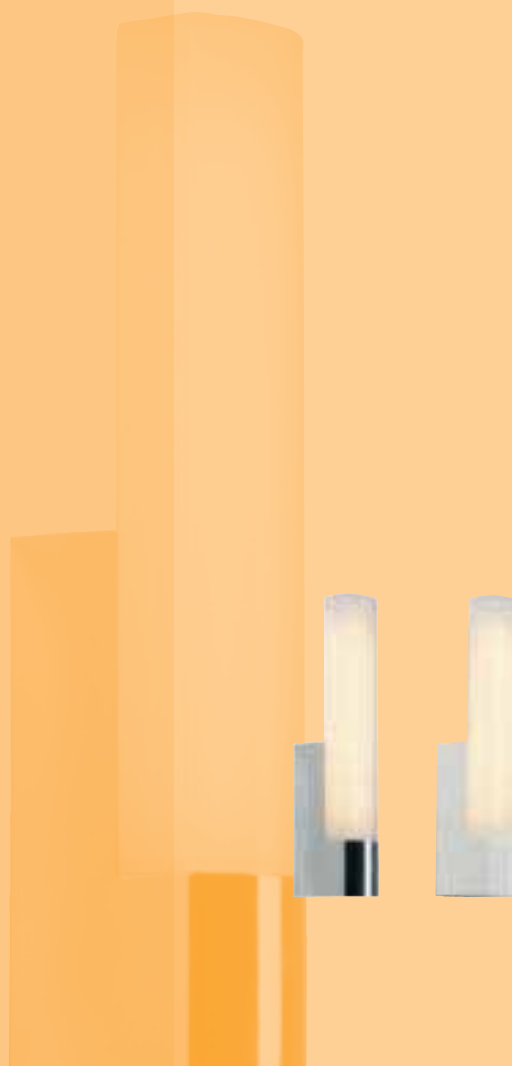


PLANI LUX IS A NEW DESIGN WITH IP44 CLASSIFICATION AND IS SUITABLE FOR AN 11W TC-SEL LAMP. IT IS IDEAL FOR HUMID AREAS LIKE BATHROOMS AND KITCHENS.

PLANI LUX

PLANI LUX

Plani Lux has a high performance die-cast aluminium body and is available in a white, chrome or brushed aluminium. The diffuser is semi-transparent and has a very high light transmission quality. The inside of the diffuser is provided with a rippled structure resulting in a good diffuse light output. The integrated electronic ballast guarantees a flicker free quick start and a long lamp life.



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PLANI LUX

- >> ENERGY SAVING
- >> IP 44 CLASSIFICATION
- >> MODERN AND COMPACT DESIGN
- >> INTEGRATED ELECTRONIC BALLAST
- >> LONG LAMP LIFE



LIGHT SOURCES

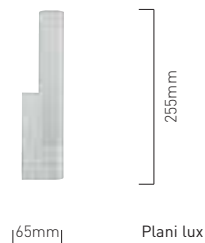
- >> TC-SEL • 2G7
11W = 900 lm



114

PLANI LUX

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3025260	TC-SEL	11W	2G7	lux	brushed alu	0.43kg
■ 3025280	TC-SEL	11W	2G7	lux	white	0.43kg
■ 3025290	TC-SEL	11W	2G7	lux	chrome	0.43kg







DECORATIVE AND FUNCTIONAL LIGHTING FIXTURES IN DIFFERENT FORMATS FOR DIRECT, INDIRECT, AMBIENT AND LOW LEVEL ORIENTATION LIGHTING. THE COLLECTION HAS A VERY CONTEMPORARY DESIGN AND A SERIES OF INTERESTING COLOUR DETAILS.

Lumiance

KUBO • TUBO • WALLED

KUBO

A range of four compact, cube-shaped wall lights for direct and indirect lighting, which is ideal for hotels, restaurants, meeting rooms, shops and stairs, as well as other locations where recess mounting is not possible. All Kubo fittings take mains voltage halogen lamps (Hi-Spot ES50 lamp and Hi-Pin G9 lamp).



TUBO

Flexible direct or indirect wall-mounted light fittings, with an adjustable lamp cover, making it suitable for many different applications for hotel bed-head lighting, hallway lighting and accent lighting of wall features. Tubo is made from stylish silver-grey die-cast aluminium and folded sheet metal.



117

WALLED

A range of three differently shaped decorative light fixtures for recessing into walls and ceilings, offering three LED colours behind an opal glass diffuser. Walled is made of stylish silver-grey sheet metal with a die-cast aluminium front ring and is ideal for decorative and low level orientation lighting in hotel bars, restaurants, hallways or shops.



KUBO



- >> INCLUDING 1 OR 2X QPAR51 GU10 LAMP
- >> FOR CONNECTION WITH WIRES OR FLEXIBLE CABLE
- >> DIE-CAST ALUMINIUM
- >> DIMMABLE
- >> FOR WALL OR CEILING USE

LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm
2x50W = 1050 lm



- >> QT14 • G9
40W = 460 lm



118

KUBO wall uno supplied with lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063550	QPAR51	50W	GU10	wall uno/Hi-Spot ES50	matt silver	0.60kg



108mm

110mm

wall uno

KUBO wall duo supplied with lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063560	QPAR51	2x50W	GU10	wall duo/Hi-Spot ES50	matt silver	0.80kg



145mm

110mm

wall duo

KUBO surface supplied with lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063570	QPAR51	50W	GU10	surface/Hi-Spot ES50	matt silver	0.55kg



130mm

70mm

surface

KUBO Hi-Pin 40 supplied without lamp

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063580	QT14	40W	G9	wall/Hi-Pin 40W	matt silver	0.50kg



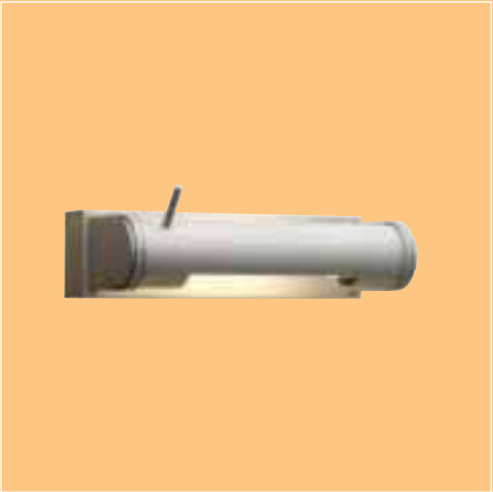
70mm

110mm

Hi-Pin 40

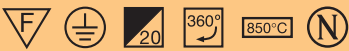
TUBO

- >> FOR 1X18W TC-D COMPACT FLUORESCENT LAMP
- >> ADJUSTABLE LAMP COVER
- >> WITH MAGNETIC GEAR
- >> DIE-CAST ALUMINIUM AND FOLDED SHEET METAL
- >> DECORATIVE



LIGHT SOURCES

- >> TC-D • G24d-2
1x18W = 1200 lm



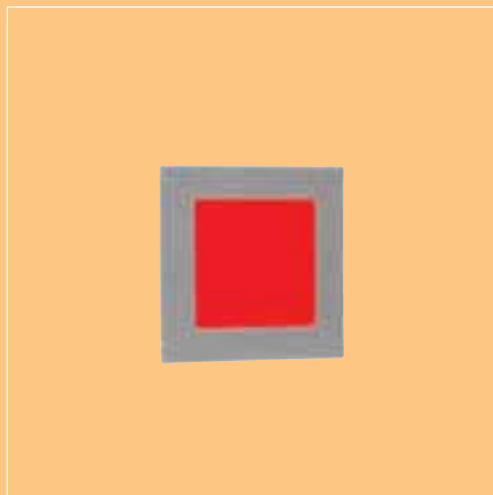
119

TUBO

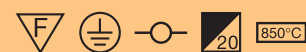
CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063010	TC-D	18W	G24d-2	tubo	matt silver	1.50kg



WALLED



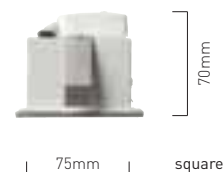
- >> INCLUDING LIGHT EMITTING DIODES (LED)
- >> 3 DIFFERENT VERSIONS
- >> AVAILABLE WITH 3 LED COLOURS: COOL WHITE, BLUE AND RED LED
- >> NOT DIMMABLE
- >> ACCESSORIES AVAILABLE FOR MOUNTING IN BRICK OR CONCRETE WALLS



120

WALLED

CAT NO	LAMP	MODEL	COLOUR	WEIGHT
3063610	led	square/matt glass/cool white	matt silver	0.30kg
3063620	led	square/matt glass/blue	matt silver	0.30kg
3063630	led	square/matt glass/red	matt silver	0.30kg
3063640	led	trio/matt glass/cool white	matt silver	0.60kg
3063650	led	trio/matt glass/blue	matt silver	0.75kg
3063710	led	trio/matt glass/red	matt silver	0.75kg
3063720	led	asymmetric/cool white	matt silver	0.60kg
3063730	led	asymmetric/blue	matt silver	0.60kg
3063740	led	asymmetric/red	matt silver	0.60kg



square



trio/asymmetric

CAT NO	ACCESSORIES
3007900*	plaster kit walled square
3007910*	plaster kit walled rectangular
3007920*	recess box walled square
3007930*	recess box walled rectangular

* mounting options: mounting in hollow holes:
no accessories needed
recessed in brick walls: use plaster kit
recessed in concrete walls: use plaster kit and recess box



Walled square (red)



Walled trio (red)



Walled asymmetric (blue)



Lumiance



VANDAL RESISTANT SURFACE-MOUNTING FIXTURES FOR
USE WITH ENERGY SAVING FLUORESCENT T5-8W LAMPS.

Lumiance

ARCHOS



ARCHOS

Available in white housing with prismatic or opal diffuser including lamps. Archos is rated IP65 which makes it suitable for interior and exterior applications.



123

ARCHOS

- >> VANDAL-RESISTANT
- >> IP65
- >> INCLUDING LAMPS
- >> OPAL OR PRISMATIC DIFFUSERS
- >> EMERGENCY LIGHTING OPTIONS AVAILABLE



LIGHT SOURCES

- >> T5 • G13
- 1x8W = 450 lm
- 2x8W = 900 lm



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ARCHOS 8W / 2x8W surface fitting

CAT NO	LAMP	W	CAP	DIFFUSER	COLOUR	WEIGHT
3031300	T5	8W	G13	prismatic	white	1.00kg
3031310	T5	8W	G13	opal	white	1.00kg
3031320	T5	2x8W	G13	opal	white	1.00kg

ARCHOS 8W maintained surface fitting for emergency lighting

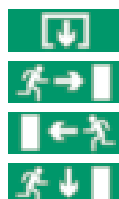
CAT NO	LAMP	W	CAP	DIFFUSER	RATING	COLOUR	WEIGHT
3031340*	T5	8W	G13	prismatic	1 hour	white	1.60kg
3031470*	T5	8W	G13	prismatic	3 hour	white	1.60kg

ARCHOS 8W non maintained surface fitting for emergency lighting

CAT NO	LAMP	W	CAP	DIFFUSER	RATING	COLOUR	WEIGHT
3031460**	T5	8W	G13	prismatic	3 hour	white	1.30kg

emergency self adhesive labels

CAT NO	PICTOGRAM DESCRIPTION
3000400	emergency exit sign
3000410	emergency exit sign right
3000420	emergency exit sign left
3000430	emergency exit sign down/straight on



Archos opal

Archos prismatic



Archos with self adhesive labels

* emergency batteries not suitable for use below 0° C

** operates only on mains failure in battery mode, with hand test and LED-indicator

Lumiance 2007



Lumiance



INDIRECT LIGHTING FIXTURE FOR DECORATIVE USE ON WALLS, IDEAL FOR SMALL AND MEDIUM APPLICATIONS. CIELO IS SUITABLE FOR ENERGY SAVING COMPACT FLUORESCENT LAMPS.



Lumiance

CIELO

CIELO 100/75/13

CIELO 100 is a decorative, compact wall-mounted uplighter made in white polycarbonate, with an asymmetric reflector, which is suitable for mains voltage tungsten halogen lamps. Cielo 100 is ideal for functional or decorative lighting in hotel lobbies, restaurants and reception spaces. A decorative floating glass accessory is available.

CIELO 100 Diffuso Crystal is an eye-catching wall light offering a warm diffuse lighting effect from its sandblasted glass diffuser. It is suitable for mains voltage tungsten halogen lamps up to 100W.

CIELO 13/75 Diffuso is an attractive wall light for soft diffuse lighting effects, made with a polycarbonate housing and opal diffuser. The Cielo 13 with integrated ballast takes compact fluorescent lamps while the Cielo 75 takes incandescent sources up to 75W. Both versions can be fitted with a decorative glass accessory.

CIELO 300

CIELO 300 is a professional die cast aluminium wall luminaire taking a mains voltage tungsten halogen 300W lamp, mounted behind a safety glass. The built-in deflector panel can shape the projected beam to a precise section of ceiling.

CIELO 26 takes 2 x 26W energy-saving compact fluorescent lamps and houses an integrated magnetic or electronic ballast. A decorative floating glass is available as an accessory.



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CIELO

100/75/13



- >> DIFFUSE LIGHT
- >> EASY TO INSTALL
- >> FLOATING GLASS ACCESSORY
- >> DECORATIVE FIXTURE
- >> INDIRECT LIGHTING FOR CLOSED VERSIONS

LIGHT SOURCES

>> QT32/QT46 • E27
75/100W = 1125/1600 lm



>> A60 • E27
75/100W = 960/1380 lm



>> TC-D • G24d-1
10W = 600 lm
13W = 900 lm



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CIELO 100

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026600	QT32/46	100W	E27	white polycarbonate	white	0.45kg
	A60	100W	E27	white polycarbonate	white	0.45kg

CIELO 100 DIFFUSO crystal

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026400	QT32/QT46	100W	E27	glass diffuser	white	0.80kg
	A60	100W	E27	glass diffuser	white	0.80kg

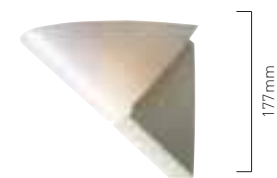
CIELO 75 DIFFUSO

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026550	QT32/QT46	75W	E27	opal polycarbonate	white	0.35kg
	A60	75W	E27	opal polycarbonate	white	0.35kg

CIELO 13 DIFFUSO

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026500	TC-D	10/13W	G24d1	opal polycarbonate	white	0.70kg

CAT NO	ACCESSORIES	WEIGHT
3005650	decorative glass accessory (not for 3026400)	0.30kg



210mm

177mm

Cielo 100 diffuso



210mm

177mm

Cielo 100 diffuso crystal

CIELO

300



- >> ENERGY SAVING UPLIGHT
- >> EASY TO INSTALL
- >> GLASS ACCESSORY
- >> SOLID CONSTRUCTION

LIGHT SOURCES

- >> TC-D • G24d-3
- TC-DEL • G24q-3
- 26W** = 1800 lm



- >> QT-DE12 • R7s
- 300W** = 5000 lm



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CIELO 300

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026800	TC-D	2x26W	G24d3	magnetic	white	2.40kg
3026810	TC-DEL	2x26W	G24q3	HF	white	2.20kg
3026650	QT-DE12	300W	R7s	dimnable	white	2.00kg

CAT NO	ACCESSORIES	WEIGHT
3005660	decorative glass accessory (not for 3026810)	0.65kg



140mm

230mm

Cielo 300

THIS COLLECTION OFFERS DECORATIVE WALL LUMINAIRES
FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS AND
INCLUDES ENERGY SAVING VERSIONS.

Lumiance

VISIO RONDO

VISIO

Visio is a functional energy-saving wall-uplight using compact lamps, which are very easy to install. Made from high grade polyester, it provides indirect lighting with high visual comfort for restaurants, reception areas and hallways. Visio incorporates an aluminium louvre top-plate and a glass cover for protection against dust.

VISIO RONDO

Visio Rondo is a timeless energy-saving wall light in the form of a quarter sphere, made from high grade polyester and ideal for decorative applications in hallways, corridors and living rooms. Visio Rondo's illuminated transparent polycarbonate cover, which also protects against dust, can be decorated with optional colour foil ribbons (supplied).



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VISIO/VISIO RONDO

- >> FUNCTIONAL DECORATIVE DESIGN
- >> ENERGY-SAVING
- >> COVER FOR DUST PROTECTION
- >> VISIO RONDO COMPLETE WITH COLOURED FOILS
- >> HIGH GRADE POLYESTER



LIGHT SOURCES

- >> TC-T • Gx24d-3
1x26W = 1800 lm
2x26W = 3600 lm



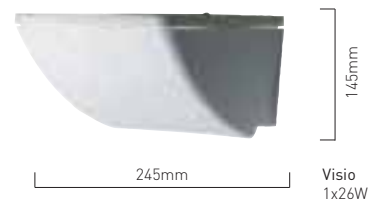
- >> TC-TEL • Gx24q-4
2x42W = 6400 lm



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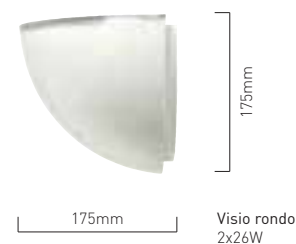
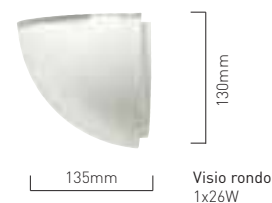
VISIO

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026840	TC-T	2x26W	Gx24d-3	magnetic PFC	white	3.35kg
3026880	TC-TEL	2x42W	Gx24q-4	electronic PFC	white	1.90kg



VISIO RONDO supplied with yellow, orange and blue coloured foils

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3026760	TC-T	26W	Gx24d-3	magnetic PFC	white	1.45kg
3026780	TC-T	2x26W	Gx24d-3	magnetic PFC	white	2.50kg





Lumiance

SPOTLIGHTS



Lumiance

OVERVIEW



	PAGE NUMBER	INCANDESCENT MAINS VOLTAGE	TUNGSTEN HALOGEN	- MAINS VOLTAGE	- LOW VOLTAGE	H.I.D.	COMPACT FLUORESCENT	L.E.D.	EMERGENCY
AXO XS	140			•	•	•			
AXO XL	141			•	•	•			
AXO STICK	142			•	•	•			
AXO DISPLAY	145			•	•	•			
GIRO SMALL	148			•	•	•			
GIRO MEDIUM	149			•	•	•			
GIRO LARGE	150			•	•	•			
PIXO COOL50	154				•				
PIXO QPAR30	155			•					
PIXO POWER	156					•			
PICOSTICK 70/150/300	160			•					

AXO

AXO XS

Axo XS is a compact track spot, designed for mains and low voltage halogen lamps, as well as the Sylvania BriteSpot ES50 35W GX10 metal halide reflector lamp.

AXO XL

A powerful spotlight collection for the most diverse applications. Axo XL offers a choice of various light sources from 100W mains voltage halogen lamps up to 70W G8.5. A barndoor louvre accessory is available. New to the range is the HIT 70W G12 version. A sun filter accessory is available.

AXO STICK

Axo Stick is a very discrete spotlight fixture. Suitable for Hi-Spot ES50 50W mains voltage halogen lamps, all models offer an anti-glare ring accessory.



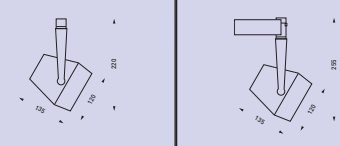
137

AXO

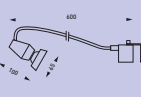
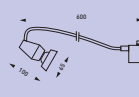
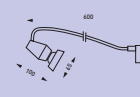
AXO XS

 QPAR51 • GU10 50W = 525 lm	 QR-CB51 • GU/GX5.3 50W = 1000 lm	 HIPAR51 • GX10 35W = 3300 lm	 QPAR30 • E27 100W = 1550 lm	 QT-ax12 • GY6.35 75W = 1600 lm
 3088000 white 3088010 matt silver 3088020 white 3088030 matt silver	 3088050 white 3088060 matt silver 3088070 white 3088080 matt silver	 3088100 white 3088010 matt silver 3088020 white 3088030 matt silver		

AXO XL



AXO DISPLAY

 3088040 matt silver	 3088090 matt silver	 3088140 matt silver	 3088250 LS1, white 3088260 LS1, matt silver 3088270 LS3, white 3088280 LS3, matt silver	 3088150 LS1, white 3088160 LS1, matt silver 3088170 LS3, white 3088180 LS3, matt silver
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AXO STICK

 3088500 LS1, white 3088510 LS1, matt silver 3088520 LS3, white 3088530 LS3, matt silver

GIRO

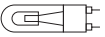
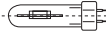
GIRO SMALL

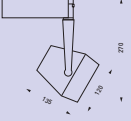
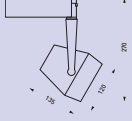
 3070260 LS1, white 3070280 LS1, matt silver 3088250 LS3, white 3088270 LS3, matt silver ■ 3070160 MP, white ■ 3070170 MP, matt silver	 3070210 LS1, white 3070230 LS1, matt silver 3088200 LS3, white 3088220 LS3, matt silver ■ 3070100 MP, white ■ 3070110 MP, matt silver	 3070310 LS1, white 3070330 LS1, matt silver 3070300 LS3, white 3070320 LS3, matt silver
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GIRO MEDIUM

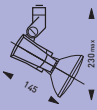
 QPAR64 • GU10 75W = 980 lm	 QPAR111 • GU10 75W = 1100 lm	 QPAR30 • E27 100W = 1550 lm	 QR-LP111 • G53 100W = 1800 lm	 HIPAR111 • GX10 35/70W = 3300/6600 lm
 3070360 LS1, white 3070380 LS1, matt silver 3070350 LS3, white 3070370 LS3, matt silver	 3070510 LS1, white 3070530 LS1, matt silver 3070500 LS3, white 3070520 LS3, matt silver	 3070410 LS1, white 3070430 LS1, matt silver 3070400 LS3, white 3070420 LS3, matt silver	 3070460 LS1, white 3070480 LS1, matt silver 3070450 LS3, white 3070470 LS3, matt silver ■ 3070120 MP, white ■ 3070130 MP, matt silver	 ■ 3070560 35W LS1, white ■ 3070580 35W LS1, matt silver ■ 3070550 35W LS3, white ■ 3070570 35W LS3, matt silver ■ 3070610 70W LS1, white ■ 3070600 70W LS1, matt silver ■ 3070630 70W LS3, matt silver ■ 3070620 70W LS3, matt silver

GIRO LARGE

	
HIT/CMC-TC • G8.5 35/70W = 6200 lm	HIT /CMC-T • G12 35/70W = 3200/6400 lm

	
3088200 LS1, white 3088210 LS1, matt silver 3088220 LS3, white 3088230 LS3, matt silver	■ 3088840 70W LS1, white ■ 3088850 70W LS1, matt silver ■ 3088860 70W LS3, white ■ 3088870 70W LS3, matt silver ■ 3070600 35W LS1, white ■ 3070620 35W LS1, matt silver ■ 3070610 35W LS3, white ■ 3070630 35W LS3, matt silver

PIXO
PIXO COOL 50e

			
QR-CB51 • GU/GX5.3 50W = 1000 lm	QPAR64 • GU10 75W = 980 lm	QPAR30 • E27 100W = 1550 lm	HIT /CMC-T • G12 70/150W = 6400/13.500 lm
			
3079640 LS1, white 3079650 LS1, matt silver 3079680 LS3, white 3079690 LS3, matt silver 3079600 MP, white 3079610 MP, matt silver	3079410 LS1, white 3079450 LS1, matt silver 3079420 LS3, white 3079460 LS3, matt silver		

PIXO HI-SPOT 95

PIXO POWER

PICOSTICK


3071330 LS1, white 70mm 3071400 LS1, silver, 70mm 3071360 LS1, white 150mm 3071370 LS1, silver 150mm 3071380 LS1, white 300mm 3071390 LS1, silver 300mm 3071330 MP, white 70mm 3071340 MP, matt silver 70mm

■ New product

AXO XS



- >> FOR HI-SPOT ES50, 12V COOLBEAM, BRITESPOT ES50 METAL
- >> DIE-CAST ALUMINIUM HOUSING
- >> 0-90° TILT AND 360° ROTATION
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN WHITE OR MATT SILVER

LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm
- >> QR-CB51 • GU/GX 5.3
50W = 1000 lm
- >> HIPAR51 • GX10
35W = 3300 lm



140

AXO XS

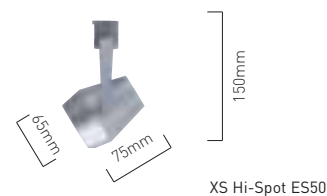


CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3088000	QPAR51	50W	GU10	LS1/Hi-Spot ES50	white	0.30kg
3088010	QPAR51	50W	GU10	LS1/Hi-Spot ES50	matt silver	0.30kg
3088020	QPAR51	50W	GU10	LS3/Hi-Spot ES50	white	0.30kg
3088030	QPAR51	50W	GU10	LS3/Hi-Spot ES50	matt silver	0.30kg
3088050	QR-CB51	50W	GU/GX5.3	LS1/Cool 50e	white	0.40kg
3088060	QR-CB51	50W	GU/GX5.3	LS1/Cool 50e	matt silver	0.40kg
3088070	QR-CB51	50W	GU/GX5.3	LS3/Cool 50e	white	0.40kg
3088080	QR-CB51	50W	GU/GX5.3	LS3/Cool 50e	matt silver	0.40kg

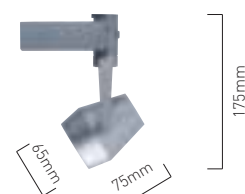
supplied with BriteSpot ES50 35W 38° metal halide lamp

3088100*	HIPAR51	35W	GX10	LS1/BriteSpot ES50	white	0.60kg
3088110*	HIPAR51	35W	GX10	LS1/BriteSpot ES50	matt silver	0.60kg
3088120	HIPAR51	35W	GX10	LS3/BriteSpot ES50	white	0.60kg
3088130	HIPAR51	35W	GX10	LS3/BriteSpot ES50	matt silver	0.60kg

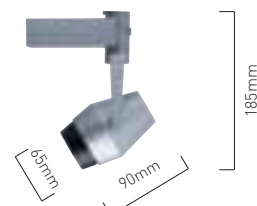
* will not fit LS1 monopoint, if a monopoint is required order LS3 spotlight and LS3 monopoint, see page 165
for Lumiance track systems see page 163



XS Hi-Spot ES50



XS Cool 50e
ballast box dimensions:
LxWxD 95x55x30mm



XS BriteSpot ES50
ballast box dimensions:
LxWxD 125x75x40mm

double insulation, earth contact
provided for EMC filter.

AXO XL



- >> FOR HI-SPOT 95, QT12, CMI-T, CMI-TC, SDW-TG LAMPS
- >> ACCESSORY: BARN DOORS FOR VERSIONS (CMI-TC/QT12)
- >> 0-90° TILT AND 360° ROTATION
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN WHITE AND MATT SILVER

LIGHT SOURCES

>> QPAR30 • E27
100W = 1600 lm



>> QT-ax12 • GY6.35
100W = 2300 lm



>> HIT/CMI-TC • G8.5
70W = 6600 lm



>> HIT/CMI-T • G12
35/70W = 3400/6400 lm



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AXO XL



CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3088250	QPAR30	100W	E27	LS1/Hi-Spot 95	white	0.90kg
3088260	QPAR30	100W	E27	LS1/Hi-Spot 95	matt silver	0.90kg
3088270	QPAR30	100W	E27	LS3/Hi-Spot 95	white	0.90kg
3088280	QPAR30	100W	E27	LS3/Hi-Spot 95	matt silver	0.90kg

3088150	QT-ax12	100W	GY6.35	LS1/QT-12	white	1.10kg
3088160	QT-ax12	100W	GY6.35	LS1/QT-12	matt silver	1.10kg
3088170	QT-ax12	100W	GY6.35	LS3/QT-12	white	1.10kg
3088180	QT-ax12	100W	GY6.35	LS3/QT-12	matt silver	1.10kg

3088400**	HIT	35W	G12	LS1/HIT/CMI-T	white	1.50kg
3088410**	HIT	35W	G12	LS1/HIT/CMI-T	matt silver	1.50kg
3088420**	HIT	35W	G12	LS3/HIT/CMI-T	white	1.50kg
3088430**	HIT	35W	G12	LS3/HIT/CMI-T	matt silver	1.50kg

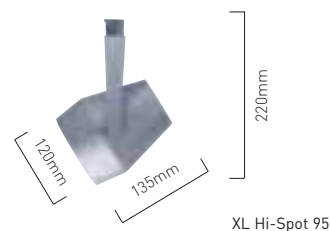
3088200*	HIT	70W	G8.5	LS1/HIT/CMI-TC	white	1.50kg
3088210*	HIT	70W	G8.5	LS1/HIT/CMI-TC	matt silver	1.50kg
3088220	HIT	70W	G8.5	LS3/HIT/CMI-TC	white	1.50kg
3088230	HIT	70W	G8.5	LS3/HIT/CMI-TC	matt silver	1.50kg

3088840*	HIT	70W	G12	LS1/HIT/CMI-T	white	1.50kg
3088850*	HIT	70W	G12	LS1/HIT/CMI-T	matt silver	1.50kg
3088860	HIT	70W	G12	LS3/HIT/CMI-T	white	1.50kg
3088870	HIT	70W	G12	LS3/HIT/CMI-T	matt silver	1.50kg

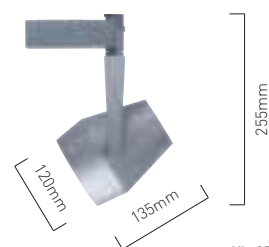
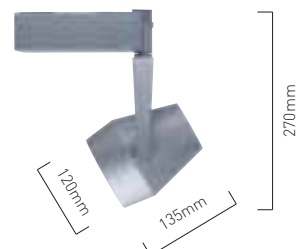
CAT NO	ACCESSORIES	COLOUR
3006800	barn doors for QT-12, CMI-TC and CMI-T	black
3006850	sun filter HIT/CMI 3000K	

* will not fit LS1 monopoint, if a monopoint is required order LS3 spotlight and LS3 monopoint, see page 165
for Lumiance track systems see page 163

** ENEC pending



XL Hi-Spot 95

XL QT-12/CMI-T 35W
ballast box dimensions:
LxWxD 125x75x40mmXL HIT/CMI-TC HIT/CMI-T
ballast box dimensions:
LxWxD 175x105x50mm

double insulation, earth contact
provided for EMC filter.

AXO STICK



- >> FOR HI-SPOT ES50
- >> ACCESSORY: ANTI GLARE RING
- >> STICK LENGTH 70 MM
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN WHITE AND MATT SILVER

LIGHT SOURCES

- >> QPAR51 • GU10
50W = 525 lm



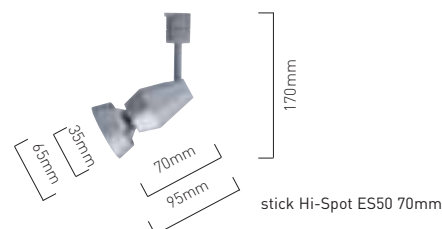
142

AXO stick



CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3088500	QPAR51	50W	GU10	LS1 / Hi-Spot ES50 70mm	white	0.17kg
3088510	QPAR51	50W	GU10	LS1 / Hi-Spot ES50 70mm	matt silver	0.17kg
3088520	QPAR51	50W	GU10	LS3 / Hi-Spot ES50 70mm	white	0.20kg
3088530	QPAR51	50W	GU10	LS3 / Hi-Spot ES50 70mm	matt silver	0.20kg

CAT NO	ACCESSORIES	COLOUR	WEIGHT
3006810	anti glare ring	white	0.03kg
3006820	anti glare ring	matt silver	0.03kg



for Lumiance track systems see page 163



AXO XS DISPLAY IS A 'PLUG & PLAY' SPOTLIGHT FOR THE ILLUMINATION OF RETAIL DISPLAYS, SIGNS, EXHIBITION DISPLAYS, ART EXHIBITIONS, ETC. AND COMES COMPLETE WITH A:

- LAMP (HI-SPOT ES50 50W, COOL 50 50W OR BRITESPOT ES50 35W).
- 3 METER CORD WITH EURO PLUG.
- GEAR OR TRANSFORMER DEPENDING ON THE MODEL AND IF REQUIRED.

Lumiance

AXO DISPLAY



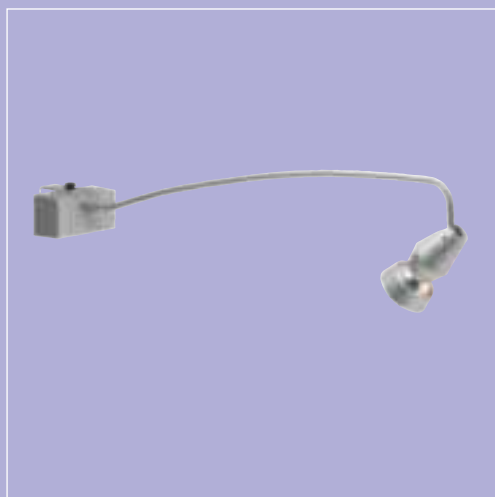
AXO DISPLAY

The spot is attached to a 0.5m long, slightly curved aluminum bow/arm and can be mounted horizontally on a vertical panel or wall. Thanks to the adjustable clip, Axo Display can easily be attached on displays/wall with a thickness from 0.6cm up to 2,8cm. It has a tilt of 90° and can be swiveled 25°. The transformer is situated in a small and stylish box attached to the fixture.

This is a display spotlight based on the Axo stick spot and is available in matt silver.



AXO DISPLAY



- >> PLUG AND PLAY
- >> FOR DISPLAY THICKNESSES UP TO 2,8 CM
- >> 90° TILT AND 2 X 25° SWIVELLING
- >> MOBILE
- >> BROAD FIELD OF APPLICATION

LIGHT SOURCES

>> QPAR51 • GU10
50W = 525 lm



>> QR-CB51 • GU/GX 5.3
50W = 1000 lm



>> HIPAR51 • GX10
35W = 3300 lm



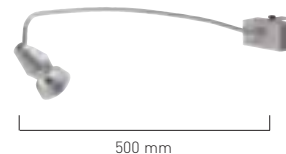
* pending

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AXO display



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3088040	QPAR51	50W	GU10	ES50	matt silver	0.60kg
■ 3088090	QR-CB51	50W	GU/GX5,3	Cool50e	matt silver	0.60kg
■ 3088140	HIPAR51	35W	GX10	BriteSpot ES50	matt silver	0.93kg



 display BriteSpot
double insulation, earth contact
provided for EMC filter.



THE GIRO SPOTLIGHT RANGE OFFERS UP-TO-DATE STYLING AND AN EXCELLENT PRICE-TO-PERFORMANCE RATIO. DESIGNED FOR MAINS AND LOW VOLTAGE HALOGEN LAMPS, AS WELL AS SYLVANIA BRITESPOT ES50 35W GX10 METAL HALIDE LAMP.

Lumiance

GIRO

GIRO

This design can be adapted for many different applications - most notably accent lighting in shops and exhibitions. It is available in three sizes for mains voltage and low voltage tungsten halogen and the Sylvania BriteSpot ES50 35W and BriteSpot ES111 35W metal halide lamps.



GIRO SMALL



- >> FOR QR-CB51 AND HI-SPOT ES50 AND BRITESPOT ES50 35W METAL HALIDE LAMPS
- >> TILT 0-90° (LIGHT HEAD), ROTATION 360° (BRACKET)
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN MATT SILVER AND WHITE
- >> UP-TO-DATE STYLING

LIGHT SOURCES

- >> QR-CB51 • GU/GX5,3
50W = 1000 lm
- >> QPAR51 • GU10
50W = 525 lm
- >> HIPAR 51 • GX10
35W = 3300 lm



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GIRO small

CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3070200	QR-CB51	50W	GU/GX5,3	LS3/Cool50e	white	0.30kg
3070210	QR-CB51	50W	GU/GX5,3	LS1/Cool50e	white	0.30kg
3070220	QR-CB51	50W	GU/GX5,3	LS3/Cool50e	matt silver	0.30kg
3070230	QR-CB51	50W	GU/GX5,3	LS1/Cool50e	matt silver	0.30kg
3070100	QR-CB51	50W	GU/GX5,3	MP/Cool50e	white	0.30kg
3070110	QR-CB51	50W	GU/GX5,3	MP/Cool50e	matt silver	0.30kg

3070250	QPAR51	50W	GU10	LS3/Hi-Spot ES50	white	0.25kg
3070260	QPAR51	50W	GU10	LS1/Hi-Spot ES50	white	0.25kg
3070270	QPAR51	50W	GU10	LS3/Hi-Spot ES50	matt silver	0.25kg
3070280	QPAR51	50W	GU10	LS1/Hi-Spot ES50	matt silver	0.25kg
3070160	QPAR51	50W	GU10	MP/Hi-Spot ES50	white	0.25kg
3070170	QPAR51	50W	GU10	MP/Hi-Spot ES50	matt silver	0.25kg

supplied with BriteSpot ES50 35W 38° lamp

3070300	HIPAR51	35W	GX10	LS3/BriteSpot ES50	white	0.50kg
3070310*	HIPAR51	35W	GX10	LS1/BriteSpot ES50	white	0.50kg
3070320	HIPAR51	35W	GX10	LS3/BriteSpot ES50	matt silver	0.50kg
3070330*	HIPAR51	35W	GX10	LS1/BriteSpot ES50	matt silver	0.50kg

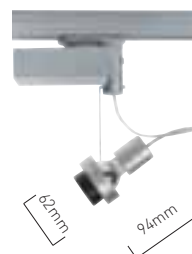
* will not fit LS1 monopoint, if a monopoint is required order LS3 spotlight and LS3 monopoint, see page 165



small cool50e



small Hi-Spot ES50



 small BriteSpot ES50
double insulation, earth
contact provided for
EMC filter.

GIRO MEDIUM



- >> FOR HI-SPOT ES63
- >> TILT 0-90° (LIGHT HEAD),
ROTATION 360° (BRACKET)
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN MATT SILVER AND WHITE
- >> UP-TO-DATE STYLING

LIGHT SOURCES

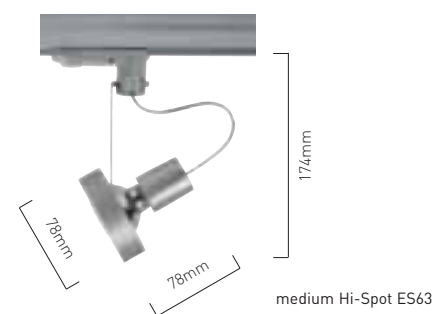
- >> QPAR64 • GU10
75W = 980 lm



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GIRO medium

CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3070350	QPAR64	75W	GU10	LS3 Hi-Spot ES63	white	0.30kg
3070360	QPAR64	75W	GU10	LS1/Hi-Spot ES63	white	0.30kg
3070370	QPAR64	75W	GU10	LS3/Hi-Spot ES63	matt silver	0.30kg
3070380	QPAR64	75W	GU10	LS1/Hi-Spot ES63	matt silver	0.30kg



GIRO

LARGE/BRITESPOT



- >> FOR QR111, ES111, BRITESPOT ES111
METAL HALIDE AND HI-SPOT 95
- >> TILT 0-90° (LIGHT HEAD) ROTATION 360°
(BRACKET)
- >> LS1 OR LS3 TRACK ADAPTOR
- >> AVAILABLE IN MATT SILVER AND WHITE
- >> BRITESPOT: HIGH LIGHT OUTPUT

LIGHT SOURCES

- >> QPAR30 • E27
100W = 1600 lm
- >> QR-LP111 • G53
100W = 1800 lm
- >> QPAR111 • GU10
75W = 1100 lm
- >> HIPAR111 • GX10
35W = 3300 lm



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GIRO large

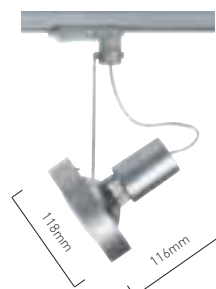
CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3070400	QPAR30	100W	E27	LS3/HS95	white	0.30kg
3070410	QPAR30	100W	E27	LS1/HS95	white	0.30kg
3070420	QPAR30	100W	E27	LS3/HS95	matt silver	0.30kg
3070430	QPAR30	100W	E27	LS1/HS95	matt silver	0.30kg
3070450	QR-LP111	100W	G53	LS3/SA111	white	0.30kg
3070460	QR-LP111	100W	G53	LS1/SA111	white	0.30kg
3070470	QR-LP111	100W	G53	LS3/SA111	matt silver	0.30kg
3070480	QR-LP111	100W	G53	LS1/SA111	matt silver	0.30kg
3070120	QR-LP111	100W	G53	MP/SA111	white	0.30kg
3070130	QR-LP111	100W	G53	MP/SA111	matt silver	0.30kg
3070500	QPAR111	75W	GU10	LS3/ES111	white	0.30kg
3070510	QPAR111	75W	GU10	LS1/ES111	white	0.30kg
3070520	QPAR111	75W	GU10	LS3/ES111	matt silver	0.30kg
3070530	QPAR111	75W	GU10	LS1/ES111	matt silver	0.30kg

GIRO large BriteSpot supplied with BriteSpot ES50 35W 38° lamp

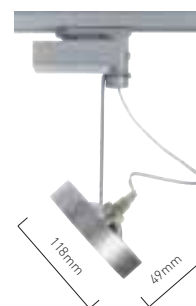
CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3070550	HIPAR111	35W	GX10	LS3/BriteSpot ES111	white	0.30kg
3070560*	HIPAR111	35W	GX10	LS1/BriteSpot ES111	white	0.30kg
3070570	HIPAR111	35W	GX10	LS3/BriteSpot ES111	matt silver	0.30kg
3070580*	HIPAR111	35W	GX10	LS1/BriteSpot ES111	matt silver	0.30kg
3070610**	HIPAR111	70W	GX10	LS3/BriteSpot ESD111	white	0.30kg
3070600* **	HIPAR111	70W	GX10	LS1/BriteSpot ESD111	white	0.30kg
3070630**	HIPAR111	70W	GX10	LS3/BriteSpot ESD111	matt silver	0.30kg
3070620* **	HIPAR111	70W	GX10	LS1/BriteSpot ESD111	matt silver	0.30kg

* will not fit LS1 monpoint, if a monpoint is required order LS3 spotlight and LS3 monpoint, see page 165

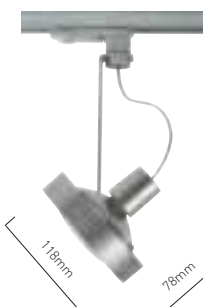
**ENEC pending



large Hi-Spot 95
HS95



large QR-LP111
AR111



large Hi-Spot ES111
ES111

 BriteSpot Metal Halide ES111
double insulation, earth
contact provided for
EMC filter.





PIXO AND PIXOPOWER ADAPTOR SPOTLIGHTS ARE DESIGNED FOR ACCENT LIGHTING IN RETAIL AND THE EXHIBITION SECTOR. AVAILABLE WITH A RANGE OF MAINS VOLTAGE TUNGSTEN HALOGEN, LOW VOLTAGE TUNGSTEN HALOGEN AND HIGH INTENSITY DISCHARGE LAMPS, THEY OFFER AN EXCELLENT PRICE-TO-PERFORMANCE RATIO.



Lumiance

PIXO

PIXO

These compact, lightweight fixtures are designed for mains and low voltage tungsten halogen lamps, offering excellent colour rendering and a degree of sparkle. This makes them ideal for accent lighting in fashion, jewellery and furniture stores. Barndoor louvres and anti-glare shields are available.

PIXO POWER

Pixo Power, with high intensity discharge lamp sources, is suitable for areas requiring higher light levels, such as store windows and exhibition areas. They all come with integral control gear and flood reflectors. Accessories include a spot reflector, barndoor louvres and a special sun filter that improves the colour rendering of CMI-T (WDL 3000K) lamps in the red spectrum.



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PIXO

COOL50e



- >> COMPACT LIGHT WEIGHT SPOTLIGHT
- >> FOR QR-CB 50W LAMP
- >> LOW VOLTAGE WITH INTEGRAL DIMMABLE ELECTRONIC TRANSFORMER
- >> FOR ACCENT LIGHTING IN SHOPS AND EXHIBITION AREAS

LIGHT SOURCES

- >> QR-CB51 • GU/GX5.3
- 20W** = 320 lm
- 35W** = 650 lm
- 50W** = 1000 lm



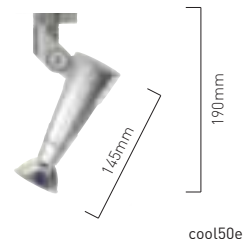
154

PIXO cool 50e

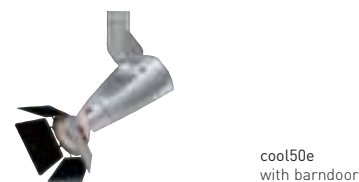


CAT NO	LAMP	W	CAP	ADAPTOR	COLOUR	WEIGHT
3079600	QR-CB51	20-50W	GU/GX5.3	micro-/picorail adaptor	white	0.28kg
3079610	QR-CB51	20-50W	GU/GX5.3	micro-/picorail adaptor	silver	0.28kg
3079640	QR-CB51	20-50W	GU/GX5.3	LS1 adaptor	white	0.28kg
3079650	QR-CB51	20-50W	GU/GX5.3	LS1 adaptor	silver	0.28kg
3079680	QR-CB51	20-50W	GU/GX5.3	LS3 adaptor	white	0.28kg
3079690	QR-CB51	20-50W	GU/GX5.3	LS3 adaptor	silver	0.28kg

CAT NO	ACCESSORIES	COLOUR
3005430	barndoor	black
3005440	barndoor	silver
3005530	glare shield	white
3005540	glare shield	silver



cool50e

cool50e
with glare shieldcool50e
with barndoor

for surface mounting see Monopoint adaptors on page 165 or 167

PIXO

HI-SPOT 95



- >> COMPACT LIGHT WEIGHT SPOTLIGHT
- >> FOR HI-SPOT 95/QPAR 30 LAMP
- >> FOR ACCENT LIGHTING IN SHOPS AND EXHIBITION AREAS

LIGHT SOURCES

- >> QPAR30 • E27
- 100W** = 1600 lm

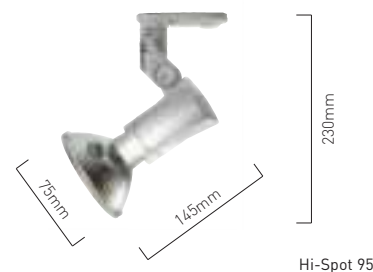


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PIXO Hi-Spot 95



CAT NO	LAMP	W	CAP	ADAPTOR	COLOUR	WEIGHT
3079410	QPAR30	100W	E27	LS1 adaptor	white	0.18kg
3079450	QPAR30	100W	E27	LS1 adaptor	silver	0.18kg
3079420	QPAR30	100W	E27	LS3 adaptor	white	0.18kg
3079460	QPAR30	100W	E27	LS3 adaptor	silver	0.18kg



Hi-Spot 95

for surface mounting see Monopoint adaptors on page 165 or 167

PIXO POWER



- >> FOR HIGH ACCENT LIGHTING
- >> FOR HIT/CMI-T, 70 AND 150W
- >> 15°-90° TILT AND 360° ROTATION
- >> SOLID FRICTION
- >> ROBUST DIE-CAST ALUMINIUM HOUSING

LIGHT SOURCES

- >> HIT/CMI-T • G12
70/150W = 6200/13500 lm



156

PIXO power  

CAT NO	LAMP	W	CAP	ADAPTOR	COLOUR	WEIGHT
3075220	HIT/CMI-T	70W	G12	LS3 adaptor	white	4.00kg
3075230	HIT/CMI-T	70W	G12	LS3 adaptor	silver	4.00kg
3075320	HIT/CMI-T	150W	G12	LS3 adaptor	white	4.70kg
3075330	HIT/CMI-T	150W	G12	LS3 adaptor	silver	4.70kg

CAT NO	ACCESSORIES	COLOUR
3006400	spot reflector	black
3006450	barndoor	
3006860	sunfilter HIT/CMI-T 3000K	



power

power with barndoor

for surface mounting see Monopoint adaptors on page 165 or 167



Lumiance



THIS MODERN AND ELEGANTLY DESIGNED RANGE OF ADJUSTABLE TRACK AND PLATE-MOUNTED SPOTLIGHTS USES THE HI-SPOT ES63 MAINS VOLTAGE TUNGSTEN HALOGEN LAMP.

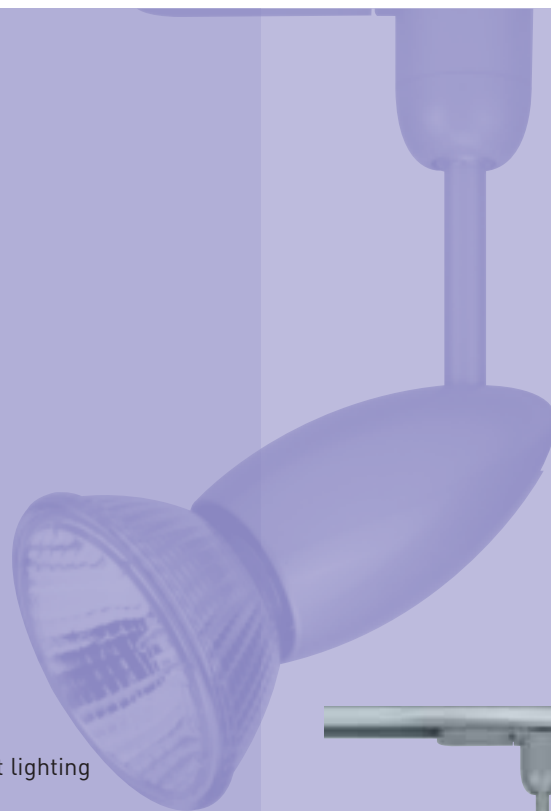


Lumiance

PICOSTICK

PICOSTICK

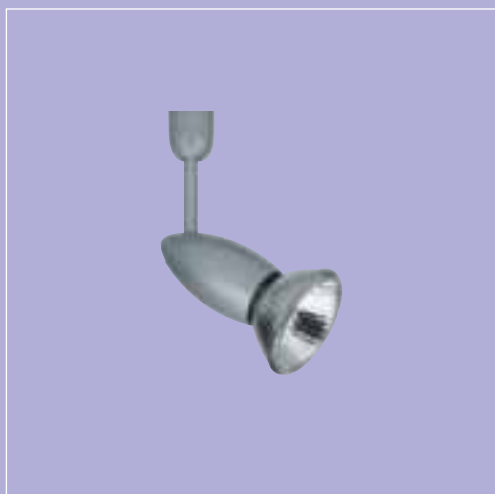
Available in different stick lengths, they are suitable for accent lighting in small shops and display areas.



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PICOSTICK

70/150/300



- >> INCLUDING HI-SPOT ES63
- >> STICK LENGTHS OF 70MM, 150 MM AND 300MM
- >> ACCESSORY: ANTI-GLARE RING
- >> AVAILABLE IN WHITE AND MATT SILVER
- >> LS1 AND M/P ADAPTOR

LIGHT SOURCES

- >> QPAR64 • GU10
- 75W** = 980 lm

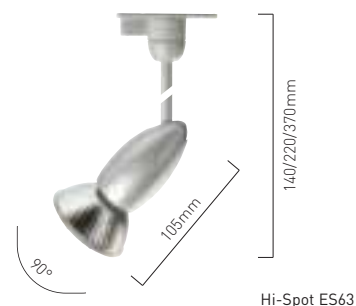


160

PICOSTICK 70/150/300mm supplied with 75W 25° lamp

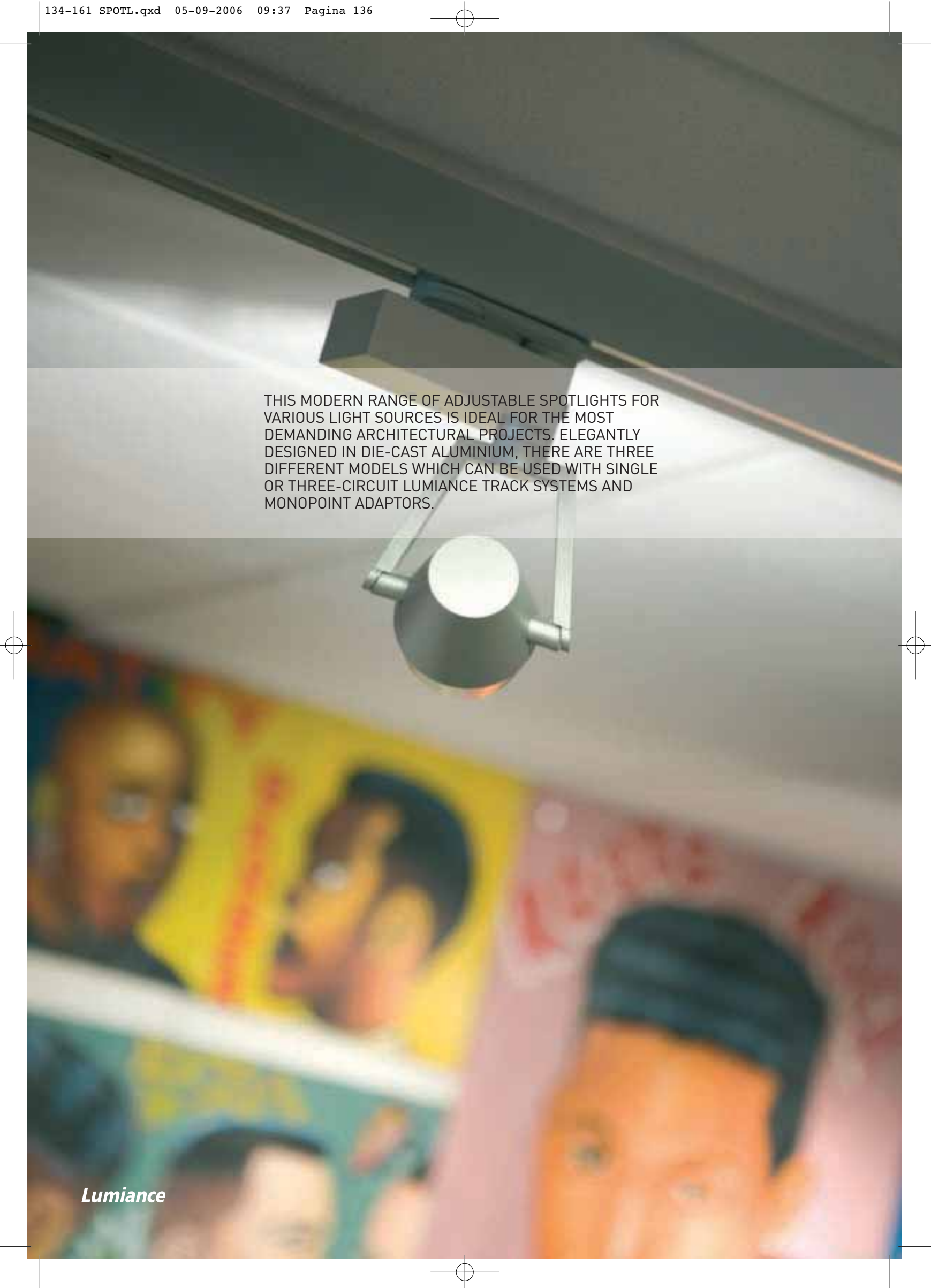
CAT NO	LAMP	W	CAP	ADAPTOR / MODEL	COLOUR	WEIGHT
3081330	QPAR64	75W	GU10	M/P*/HS ES63/70mm	white	0.36kg
3081340	QPAR64	75W	GU10	M/P*/HS ES63/70mm	silver	0.36kg
3071330	QPAR64	75W	GU10	LS1/HS ES63/70mm	white	0.17kg
3071400	QPAR64	75W	GU10	LS1/HS ES63/70mm	silver	0.17kg
3071360	QPAR64	75W	GU10	LS1/HS ES63/150mm	white	0.20kg
3071370	QPAR64	75W	GU10	LS1/HS ES63/150mm	silver	0.20kg
3071380	QPAR64	75W	GU10	LS1/HS ES63/300mm	white	0.30kg
3071390	QPAR64	75W	GU10	LS1/HS ES63/300mm	silver	0.30kg

CAT NO	ACCESSORIES	COLOUR
3005050	anti glare ring	white
3005090	anti glare ring	silver



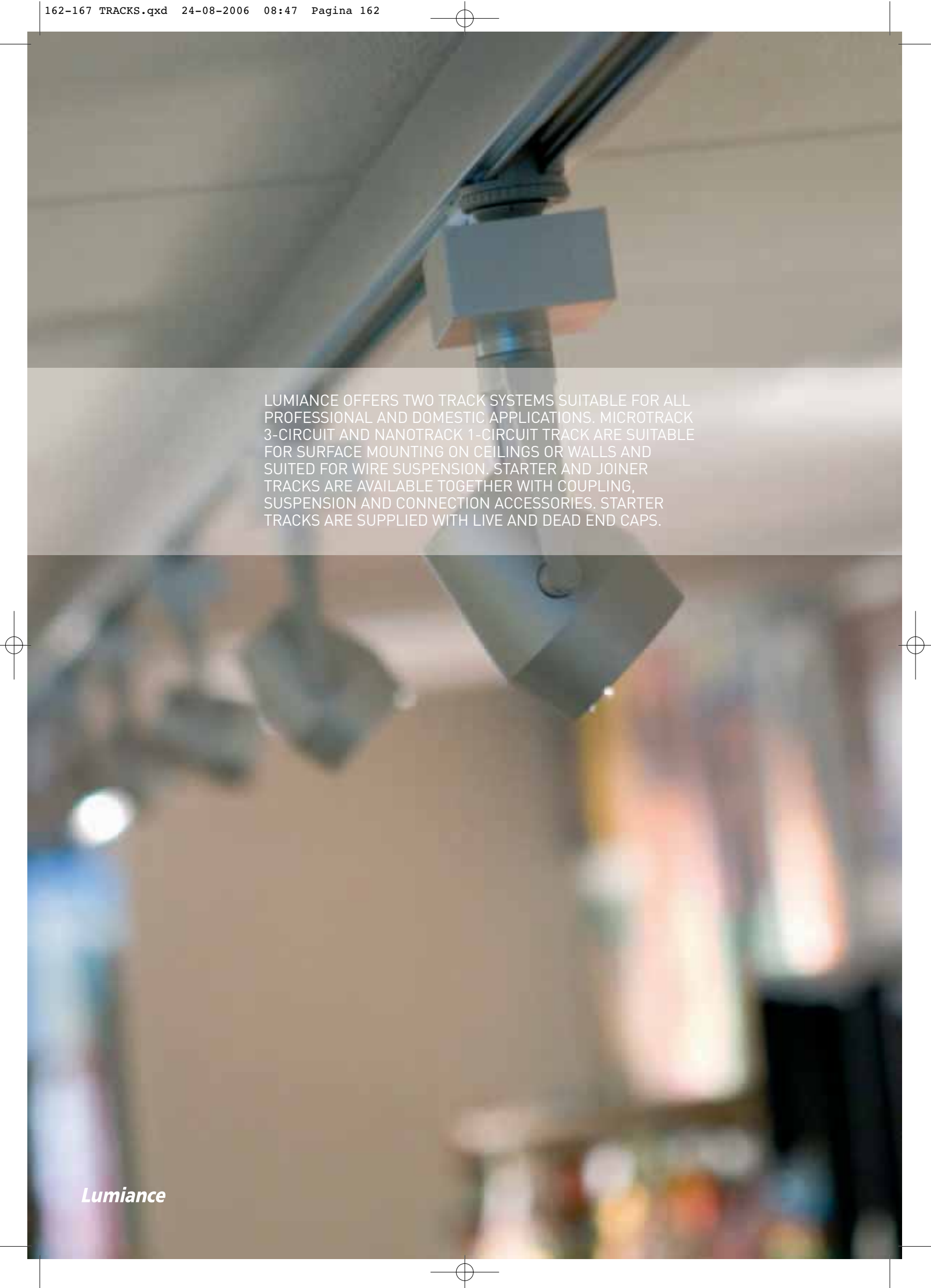
* Micro/Picorail adaptor (for surface mounting see Monopoint Micro/Picorail adaptors on page 165 or 167)



A photograph of a modern adjustable spotlight mounted on a track. The spotlight is a sleek, cylindrical design with a white top and a dark base. It is positioned to illuminate a gallery of portraits. The portraits are displayed on a wall, with one portrait in the foreground being particularly prominent. The lighting is soft and focused, highlighting the details of the portraits.

THIS MODERN RANGE OF ADJUSTABLE SPOTLIGHTS FOR VARIOUS LIGHT SOURCES IS IDEAL FOR THE MOST DEMANDING ARCHITECTURAL PROJECTS. ELEGANTLY DESIGNED IN DIE-CAST ALUMINIUM, THERE ARE THREE DIFFERENT MODELS WHICH CAN BE USED WITH SINGLE OR THREE-CIRCUIT LUMIANCE TRACK SYSTEMS AND MONOPOINT ADAPTORS.

Lumiance



LUMIANCE OFFERS TWO TRACK SYSTEMS SUITABLE FOR ALL PROFESSIONAL AND DOMESTIC APPLICATIONS. MICROTRACK 3-CIRCUIT AND NANOTRACK 1-CIRCUIT TRACK ARE SUITABLE FOR SURFACE MOUNTING ON CEILINGS OR WALLS AND SUITED FOR WIRE SUSPENSION. STARTER AND JOINER TRACKS ARE AVAILABLE TOGETHER WITH COUPLING, SUSPENSION AND CONNECTION ACCESSORIES. STARTER TRACKS ARE SUPPLIED WITH LIVE AND DEAD END CAPS.

Lumiance

TRACK SYSTEMS

MICROTRACK 3

Microtrack 3 is a three-circuit track for surface mounting application on ceiling/wall and consists of starter and joiner tracks. The smart design of the tracks allows different configurations like L, T and X connections without the use of additional accessories. Various accessories are available that allow shortening and electrical/mechanical coupling of the shortened track at any length. A steel cable accessory allows the track to be suspended and the mechanical coupler is for strengthening the suspended application. The flexible coupler is for corners between 45° and 180°. The pendant adaptor is suitable for suspending pendants. Microtrack is available in white and matt silver and available in three lengths.



NANOTRACK 1

Nanotrack 1 is a slim single-circuit track for surface mounting applications on ceilings/walls and consists of starter and joiner tracks. The smart design of the tracks allows different configurations like L, T and X connections without the use of additional accessories. Various accessories are available that allow shortening and electrical/mechanical coupling of the shortened track at any length. A steel cable accessory allows the track to be suspended and the mechanical coupler is for strengthening the suspended application. The flexible coupler is for corners between 45° and 180°. The pendant adaptor is suitable for suspending pendants and electrical accessories. Nanotrack is available in white and matt silver and available in three lengths.



MONOPOINT LS1 AND LS3

Monopoint units are ideal for wall or ceiling mounted applications as a single spot solution. Adaptor spots can be fitted to a Monopoint on the wall or ceiling. Two versions are available for LS1 and LS3 adaptors. Available in white and grey.



TRACKPOINT

This unit converts an adaptor spotlight for use on other track type. Two trackpoints are available: one for using Micro/Picorail 2 spotlights on Microtrack 3 and another for using LS1 spotlights on Micro/Picorail 2.



MICROTRACK 3

- >> 3 CIRCUIT TRACK FOR SURFACE-MOUNTING APPLICATION
- >> MECHANICAL AND ELECTRICAL CONNECTION ACCESSORIES
- >> T, L AND X CONFIGURATION WITHOUT ADDITIONAL ACCESSORY
- >> SUSPENSION POSSIBLE
- >> SUITABLE FOR ALL LS3 ADAPTOR SPOTLIGHTS



* pending

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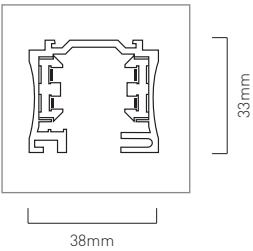
MICROTRACK 3

CAT NO	DESCRIPTION (16A 4000W max)	COLOUR	WEIGHT
3019300	1000mm starter track	white	1.50kg
3019310	1000mm starter track	matt silver	1.50kg
3019320	2000mm starter track	white	2.10kg
3019330	2000mm starter track	matt silver	2.10kg
3019340	3000mm starter track	white	3.20kg
3019350	3000mm starter track	matt silver	3.20kg
3019380	3000mm joiner track	white	3.20kg
3019390	3000mm joiner track	matt silver	3.20kg

if ordering joiner track, also order the appropriate electro mechanical connector

mechanical load

LENGTH	1000MM	2000MM	3000MM	ELECTR. CONNECTOR	MECH. CONNECTOR
l x w x d	1000x38x33mm	2000x38x33mm	3000x38x33mm	100x25x10	80x25x10
max. weight	15kg	22.5kg	22.5kg		
number of suspension wires	2	3	3		



ACCESSORIES

- 1 AXO XS SPOT
- 2 ELECTRICAL CONNECTOR
- 3 STEEL SUSPENSION WIRE

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accessories

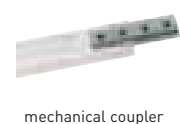
CAT NO	DESCRIPTION	COLOUR
■ 3019820	Microtrack electrical coupler	white
■ 3019830	Microtrack electrical coupler	matt silver
■ 3019680	Microtrack steel wire suspension 2000mm	
■ 3019810	Microtrack mechanical coupler	
■ 3019860	Microtrack flexible coupler	white
■ 3019880	Microtrack flexible coupler	matt silver
■ 3019570	Microtrack LS3 pendant adaptor	white
■ 3019580	Microtrack LS3 pendant adaptor	matt silver
■ 3001900	Microtrack connection set-live end	white
■ 3001901	Microtrack coupling set-end cap	white
■ 3001902	Microtrack connection set-live end	grey
■ 3001903	Microtrack coupling set-end cap	grey

monopoint

CAT NO	DESCRIPTION	COLOUR
3020010	LS3 monopoint	white
3020030	LS3 monopoint	matt silver

trackpoint adaptor

CAT NO	DESCRIPTION	COLOUR
3020400	trackpoint adaptor	white



NANOTRACK 1



- >> 1 CIRCUIT TRACK FOR SURFACE-MOUNTING APPLICATION
- >> MECHANICAL AND ELECTRICAL CONNECTION ACCESSORIES
- >> T, L AND X CONFIGURATION WITHOUT ADDITIONAL ACCESSORY
- >> SUSPENSION POSSIBLE
- >> SUITABLE FOR ALL LS1 ADAPTOR SPOTLIGHTS



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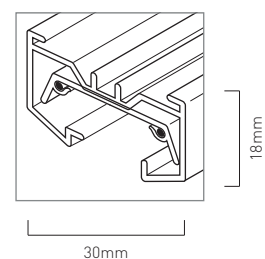
NANOTRACK 1

CAT NO	DESCRIPTION (16A 4000W max)	COLOUR	WEIGHT
3019010	1000mm	white	0.60kg
3019060	1000mm	matt silver	0.60kg
3019020	2000mm	white	1.20kg
3019070	2000mm	matt silver	1.20kg
3019030	3000mm	white	1.60kg
3019080	3000mm	matt silver	1.60kg
3019110	joiner track 3000mm	white	1.60kg
3019120	joiner track 3000mm	matt silver	1.60kg

if ordering joiner track, also order the appropriate electro mechanical connector

mechanical load

TRACK LENGTH	NUMBER OF SUSPENSION WIRES	MAXIMUM ALLOWABLE LOAD
1000mm	2	10kg
2000mm	3	15kg
3000mm	4	20kg



ACCESSORIES

- 1 AXO STICK SPOT
- 2 ELECTRICAL CONNECTOR
- 3 STEEL SUSPENSION WIRE

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accessories

CAT NO	ACCESSORIES	COLOUR
■ 3019160	Nanotrack electrical coupler	white
■ 3019170	Nanotrack electrical coupler	matt silver
■ 3019220	Nanotrack steel wire suspension 1.5m	
■ 3019130	Nanotrack mechanical coupler	
■ 3019180	Nanotrack flexible el. coupler	white
■ 3019190	Nanotrack flexible el. coupler	matt silver
■ 3019550	Nanotrack pendant adaptor	white
■ 3019560	Nanotrack pendant adaptor	matt silver
■ 3001910	Nanotrack connection set-live end	white
■ 3001911	Nanotrack coupling set-end cap	white
■ 3001912	Nanotrack connection set-live end	grey
■ 3001913	Nanotrack coupling set-end cap	grey

monopoint

CAT NO	ACCESSORIES	COLOUR
3020060	LS1 monopoint*	white
3020070	LS1 monopoint*	matt silver

trackpoint adaptor

CAT NO	DESCRIPTION	COLOUR
■ 3001920	trackpoint adaptor LS1-M/P	white
■ 3001930	trackpoint adaptor LS1-M/P	matt silver



flexible el. coupler



pendant adaptor



mechanical coupler



suspension



electrical coupler



trackpoint adaptor LS1-M/P



Ø100mm

monopoint LS1

* cannot be used with LS1 versions of Axo BriteSpot, HIT/CDM-TC or HST/SDW-TG and Giro small BriteSpot

PENDANTS



Lumiance

OVERVIEW



PENTO

171	PAGE NUMBER
	INCANDESCENT MAINS VOLTAGE
	TUNGSTEN HALOGEN
	- MAINS VOLTAGE
	- LOW VOLTAGE
	• H.I.D.
	• COMPACT FLUORESCENT
	L.E.D.
	EMERGENCY

PENDANTS

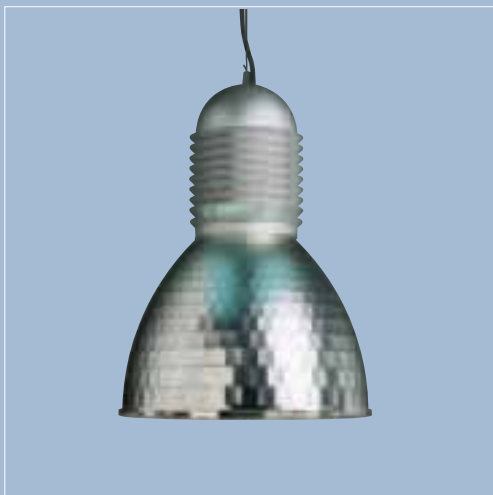
LUMIANCE OFFERS UP-TO-DATE AND STYLISH DESIGNED PENDANT FIXTURES FOR ENERGY SAVING COMPACT FLUORESCENT LAMPS AND METAL HALIDE LAMPS.

PENTO

A range of pendant fixtures using compact fluorescent and metal halide lamps, suitable for large areas and high ceilings, such as staircases and mezzanine floors. Pento's faceted aluminised polycarbonate reflector is semi-transparent and combines high light output with stylish appearance. To improve the colour rendering of warm colours, a sun filter can be attached to the metal halide versions. Pento offers conventional or electronic gear.



PENTO



- >> POLYCARBONATE REFLECTOR WITH ALUMINIUM LOOK
- >> HIGH LIGHT OUTPUT
- >> INTEGRAL GEAR
- >> COMPACT FLUORESCENT AND METAL HALIDE LAMP VERSION

LIGHT SOURCES

>> TC-T • GX24d-3
26W = 1800 lm



>> TC-TEL • GX24q-3
32W = 1800 lm



>> TC-TEL • GX24q-4
42W = 3200 lm



>> HIE • E27
150W = 12000 lm



>> HIT • G12
70W = 6400 lm
150W = 14000 lm



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PENTO 

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3061190	TC-T	2x26W	GX24d-3	PFC	matt silver	4.30kg
3061250	TC-TEL	4x32W	GX24q-3	HF VSA	matt silver	3.00kg
3061220	TC-TEL	2x42W	GX24q-4	HF VSA	matt silver	3.00kg
3061180	HIE	150W	E27	PFC	matt silver	4.80kg
3061270	HIT-CMI-T	70W	G12	PFC	matt silver	5.50kg
3061280	HIT-CMI-T	150W	G12	PFC	matt silver	6.00kg

CAT NO	ACCESSORIES
3006890	sunfilter for HIT-CMI-T version

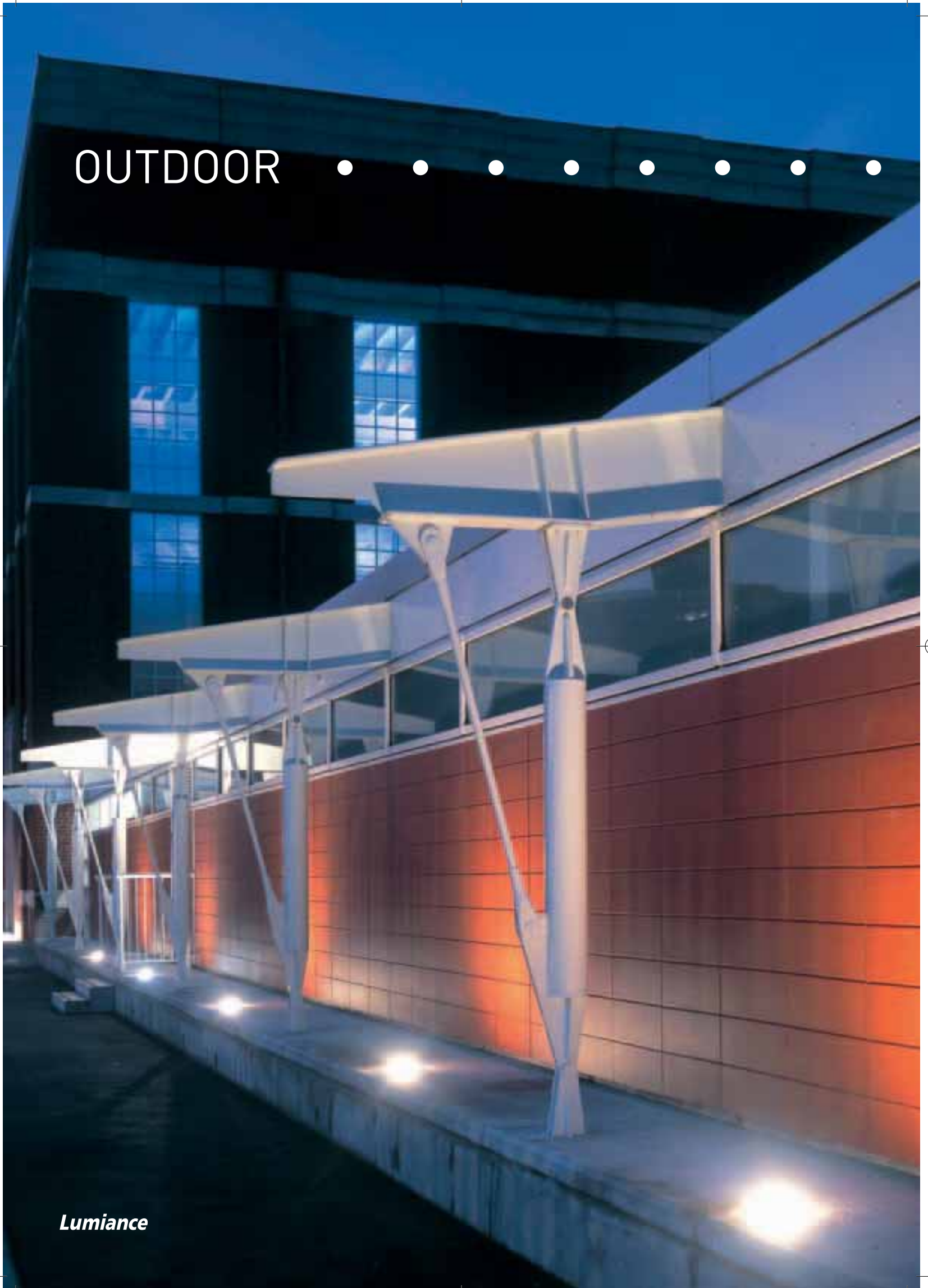


ø 370mm

510mm

Pento
Maximum drop height 4m.

OUTDOOR



Lumiance

OVERVIEW

SILO TREND
SILO BOLLARD XS/XL
SILO WALL TUBE
SILO WALL RECESSED
SILO WALL SURFACE
SILO IN GROUND

PAGE NUMBER	INCANDESCENT MAINS VOLTAGE	TUNGSTEN HALOGEN	- MAINS VOLTAGE	- LOW VOLTAGE	H.I.D.	COMPACT FLUORESCENT	L.E.D.	EMERGENCY
176			•					
177						•		
178						•		
179						•		
180						•		
181						•	•	

SILO

A RANGE OF IP44 AND IP67 STAINLESS STEEL AND DIE-CAST ALUMINIUM OUTDOOR LUMINAIRES FOR ENERGY SAVING COMPACT FLUORESCENT LAMPS AND MAINS VOLTAGE HALOGEN LAMPS FOR PROFESSIONAL AND DOMESTIC APPLICATIONS.

SILO TREND

A range of IP44 stainless steel outdoor luminaires for commercial and residential applications. Silo Wall consists of two cylindrical stainless steel wall lights, a direct/indirect version and a indirect version, for use with one or two Hi-Spot ES50 mains voltage tungsten halogen.

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SILO BOLLARD XS/XL

Silo Bollard XS (500mm) and Silo Bollard XL (1000mm) is suitable for compact fluorescent TC-S 11W lamps and includes a built in ballast. Aluminum with a durable anthracite-coating, this fixture is IP44 rated. Light is diffused due to a polycarbonate diffuser and comes complete with a floor mounting plate.

SILO WALL TUBE

Silo Wall Tube is a smaller version of Silo Bollard for wall mounting. This IP44 luminaire is ideal for professional and domestic applications and suitable for compact fluorescent TC-S 9W lamp.



SILO

SILO WALL RECESSED

Recessed die-cast aluminium wall fixtures for compact fluorescent TC-D 18W lamp with anthracite coating and plastic recess box. Available in horizontal and vertical versions for direct lighting in professional and domestic areas.

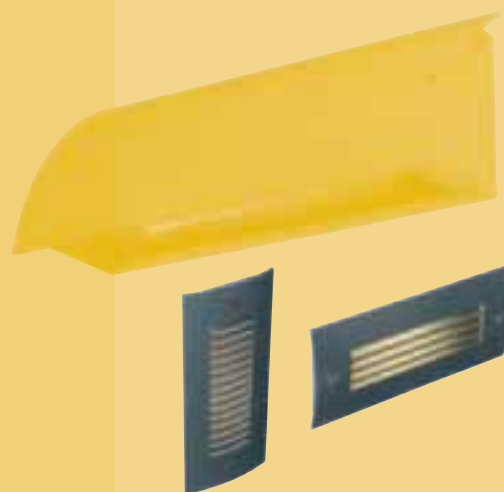
SILO WALL SURFACE

Surface mounting die-cast aluminium wall fixture for compact fluorescent TC-S 11W lamp with anthracite-coating. Two models available giving asymmetric lighting or comfort lighting.

SILO IN-GROUND

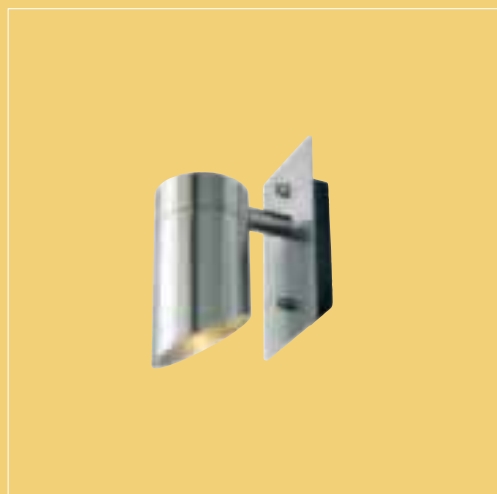
Silo In-Ground is a recessed fixture with a stainless steel square or round plate. For Microlynx-F lamps and Microlynx LED with an opal glass cover.

Another outdoor product see Archos, page 123.



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SILO TREND



- >> STAINLESS STEEL
- >> DIRECT AND INDIRECT LIGHTING
- >> COMPACT DESIGN
- >> FOR MAINS VOLTAGE HALOGEN LAMP

LIGHT SOURCES

- >> QPAR51 • GU10
35W = 350 lm



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SILO trend supplied with Hi-Spot ES50 35W 25° lampe(s)

CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
3063900	QPAR51	35W	GU10	direct	stainless steel	0.65kg
3063910	QPAR51	2x35W	GU10	direct + indirect	stainless steel	0.90kg



170mm

120mm

trend direct
1x35W

230mm

120mm

trend direct and indirect
2x35W

SILO BOLLARD



- >> INCLUDING FLOOR MOUNTING PLATE
- >> BUILT IN BALLAST FOR TC-S 11W
- >> DURABLE ANTHRACITE-COATING
- >> POLYCARBONATE DIFFUSER
- >> QUICK AND EASY TO INSTALL

LIGHT SOURCES

- >> TC-S • G23
11W = 900 lm



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SILO bollard XS

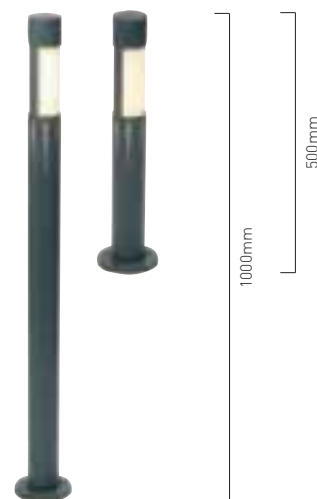


CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063950	TC-S	11W	G23	XS	anthracite	1.60kg

SILO bollard XL



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063940	TC-S	11W	G23	XL	anthracite	2.50kg



bollard XS and XL
11W

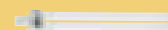
SILO WALL TUBE

- >> PROFESSIONAL DESIGN
- >> POLYCARBONATE DIFFUSER
- >> QUICK AND EASY TO INSTALL
- >> FOR COMPACT FLUORESCENT TC-S 9W
- >> DURABLE ANTHRACITE COATING



LIGHT SOURCES

- >> TC-S • G23
9W = 600 lm



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SILO wall tube



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063960	TC-S	9W	G23	tube	anthracite	1.00kg



275mm

115mm

wall tube
9W

SILO WALL RECESSED



- >> BUILT IN BALLAST FOR TC-D 18W
- >> DIE CAST ALUMINIUM COVER
- >> TWO VERSIONS - VERTICAL AND HORIZONTAL
- >> INCLUDING RECESS BOX
- >> DURABLE ANTHRACITE COATING

LIGHT SOURCES

- >> TC-D • G24d-2
18W = 1200 lm



179

SILO wall recessed vertical



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063990	TC-D	18W G24d-2		ress. vertical	brushed iron	1.80kg

SILO wall recessed horizontal

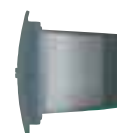


CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3064000	TC-D	18W G24d-2		ress. horizontal	brushed iron	1.80kg



270mm

115mm



95mm

90mm

wall recessed horizontal
minimum recess dimensions:
240x90x95mm

SILO WALL SURFACE

- >> TWO VERSIONS AVAILABLE
- >> DIE CAST ALUMINIUM
- >> DURABLE ANTHRACITE-COATING
- >> IP44 CLASSIFICATION
- >> BUILT IN BALLAST



LIGHT SOURCES

- >> TC-S • G23
- 11W** = 900 lm



180

SILO wall surface



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063970	TC-S	11W	G23	surface	anthracite	1.60kg

SILO wall surface comfort



CAT NO	LAMP	W	CAP	MODEL	COLOUR	WEIGHT
■ 3063980	TC-S	11W	G23	surface comfort	anthracite	1.60kg



SILO IN GROUND



- >> FOR MICROLYNX-F/MICROLYNX LED LAMPS
- >> HIGH IMPACT RESISTANT GLASS COVER (IK09)
- >> VERY LOW SURFACE HEATING
- >> INCLUDING MAINS VOLTAGE
CONNECTING CABLE
- >> DRIVE OVER POSSIBILITY (2000KG AT 10KM/H)

LIGHT SOURCES

- >> TC-FSE • GX53
6W = 220 lm



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SILO in-ground round



CAT NO	LAMP	CAP	MODEL	COLOUR	WEIGHT
■ 3064010	TC-FSE/MLF-LED	GX53	round	stainless steel	1.00kg

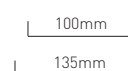
SILO in-ground square



CAT NO	LAMP	CAP	MODEL	COLOUR	WEIGHT
■ 3064020	TC-FSE/MLF-LED	GX53	square	stainless steel	1.00kg



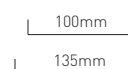
105mm



in-ground round
minimum recess dimensions:
ø125x105mm



105mm



in-ground square
minimum recess dimensions:
ø125x105mm

TECHNICAL INFORMATION • • •

Lumiance

OVERVIEW



	PAGE NUMBER	INCANDESCENT MAINS VOLTAGE	TUNGSTEN HALOGEN	- MAINS VOLTAGE	- LOW VOLTAGE	H.I.D.	COMPACT FLUORESCENT	L.E.D.	EMERGENCY
INSAVER	188-200					•	•	•	•
MOTTO	201-202			•	•	•	•		
INSTAR	203				•				
FRESCO	204-206						•		•
GIOTTO	207-212	•					•		•
CIELO	213-214	•		•			•		
VISIO	215						•		
PENTO	216-217					•	•		
REFLECTOR LAMPS	218-220			•	•	•			

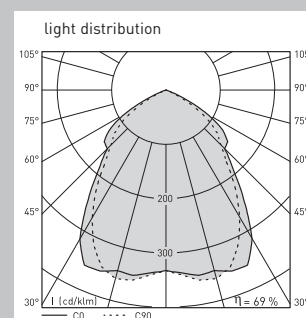
TECHNICAL INFORMATION

LIGHTING STARTS WITH MAKING CHOICES. BASED ON REQUESTED LIGHT EFFECT, GENERAL OR DIRECTIVE AND HIGH OR LOW INTENSITY A SPECIFIC WORKING OR LEISURE AREA CAN BE ILLUMINATED. LUMIANCE OFFERS A SOLUTION FOR EVERY SPECIFIC CHOICE.

Making a choice is fast and easy. Lumiance offers specific technical information, like polar diagrams for luminous intensity distribution, performance cones, energy consumption per 100lx per m² and illuminance in standard grids. With this information, light intensity and effects can be calculated for every desired situation for most Lumiance products.

184 POLAR DIAGRAM

The polar diagram is the graphic representation of the luminous intensity in different directions. The luminous intensity is expressed in candelas per 1000 lumen (cd/klm). This value must be multiplied by the luminous flux of the used lamp(s). Example: 1000 cd/klm corresponds with 400 cd with a 400 lm lamp and with 1100 cd with an 1100 lm lamp. If two curves are plotted in one diagram, the intensity distributions are different in two vertical planes or in all four half planes: C0, C90, C180 and C270.



PERFORMANCE CONE

The performance cone gives an indication of whether the fixture emits a narrow or a wide beam of light. The diagram also shows the illuminance at the centre of the beam for different distances h between the fixture and an illuminated object. With accent lighting, the beam diameters give an impression of the size of the light spot with different distances between the fixture and an illuminated object. With downlights placed in a grid, the beam diameter is also a means to broadly assess the degree of uniformity. If two beam angles are indicated in one diagram, this concerns a fixture with a non-rotationally symmetrical distribution. In this case, the data of two vertical planes are presented.

m	38°	E _{max} (lx) 3300lm 4000
1	0.69	
2	1.38	1000
3	2.06	445
4	2.75	250
5	3.45	160

FAST CALCULATION TABLE

The fast calculation table is intended for a fast estimate of the required number of fixtures. No account is taken of the shape of the room or the reflection factors of reflecting surfaces.

Mounting height L_{ph} = room height – table height.

Examples: The average illuminance is $E = 200$ lx with 10 fixtures placed in a room of 200 m² at suspension height $L_{ph} = 5$ m. With 20 fixtures the average illuminance is $E = 400$ lx. The average illuminance increases almost proportionally with the number of fixtures, so 40 fixtures will give about 800 lx.

Fast calculation table refl. 80/80/30%

4 x TC-TEL 32W G24q3 / 9600 lm
room sizes in m²

E (lx)	h (m)	A (m ²)							
		20	30	40	50	70	80	90	100
200	3.0	3	4	4	5	7	9	11	13
	4.0	3	4	5	6	8	10	12	14
	5.0	4	5	6	6	8	10	13	15
300	3.0	4	5	6	8	11	14	17	19
	4.0	5	6	7	8	11	15	18	21
	5.0	5	7	8	9	12	15	19	22
400	3.0	5	7	8	10	14	18	22	26
	4.0	6	8	9	11	15	19	23	27
	5.0	7	9	11	12	16	20	25	29

maintenance factor = 0.8

ENERGY COMSUMPTION

P* (W/100lx.m²) is the energy consumption per 100 lx per m². This figure indicates the relationship between energy consumption and light output. PL (W) is the energy consumption per fixture (Luminaire), including ballast. With these two facts, it can be determined how many fixtures are required to illuminate a certain surface with a certain average illuminance and what the energy consumption will be. The values are calculated for a room with room index of k = 2.5 and reflection factors Ceiling 70% Wall 50% Floor 20%, with a maintenance factor of 0.8. If k or the reflection values are different, the stated values must be corrected with the correction percentage from the correction table.

ILLUMINANCE IN STANDARD GRID

The illuminance in a standard grid gives the illuminance when the fixtures are positioned in a regular grid, for instance in a suspended ceiling.

The values are calculated for a room with a room index of k = 2.5 and reflection factors Ceiling 70% Wall 50% Floor 20%, with a maintenance factor of 0.8. If k or the reflection values are different, the stated values can be corrected with the correction percentage from the correction table.

ROOM INDEX K

The room index is the ratio between the surface of the working plane and the half surface of the adjacent walls. This indicates whether a room is narrow and high, or low and wide. This influences the amount of light that is reflected to the working plane from the walls.

$$k = a \cdot b / (h \cdot (a + b))$$

a = length of the room

b = width of the room

h = height between the lighting fixtures and the working plane

Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1
P Fixture (W) 17
P* (W/100lx.m²) 3.4

Electronic TC-DEL 13W G24q-1
P Fixture (W) 15
P* (W/100lx.m²) 3

Correction table (%) Reflection factors (%)

Ceiling	80	80	80	80	70	...
Wall	80	50	30	50	50	...
Floor	30	30	30	20	20	...
Room index k						
0.6	82	58	50	56	...	
1	100	79	71	75	...	
1.5	111	95	88	89	...	
2.5	120	109	103	100	...	
3	123	113	108	104	...	

Light output in standard grid C/W/F = 70/50/20% k=2.5

Grid (m)	E (lux)
1.2 x 1.2	342
1.2 x 1.8	228
1.8 x 1.8	152
1.8 x 2.4	114
1.8 x 3.0	91
2.4 x 2.4	86
2.4 x 3.0	68
3.0 x 3.0	55

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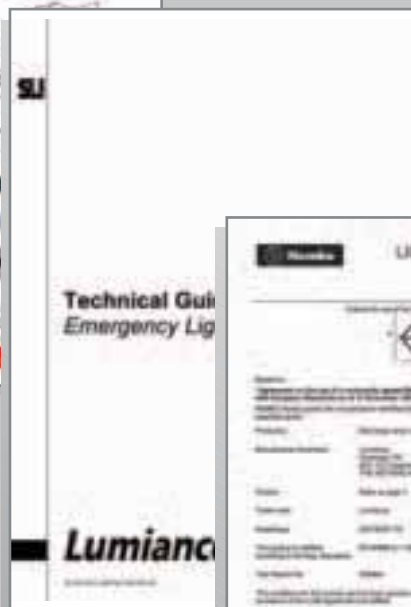
Product Manuals



Datasheets



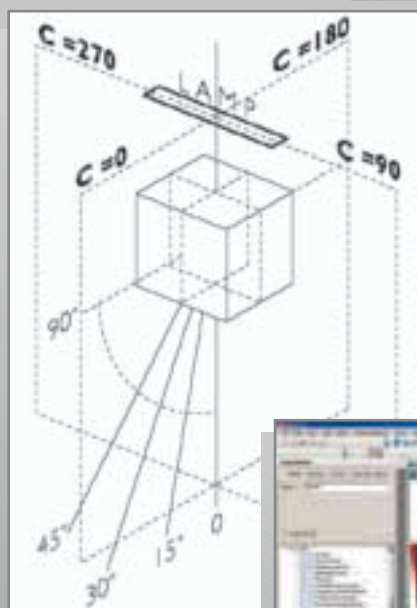
Technical Guides



Certificates



Eulumdat



DIALux



INSAVER HE 175 OPEN 26W

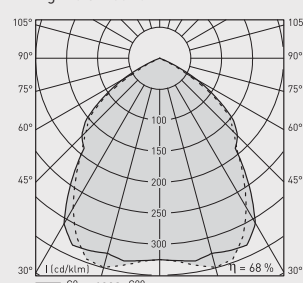
Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3
Lamp flux 1x26W = 1800 lm



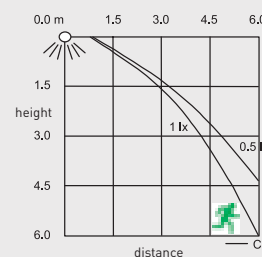
Beam angle 93°

h (m)	ø (m)	E _{max} (lx)
1	2.1	583
2	4.2	146
3	6.3	65
4	8.4	36
5	10.5	23

light distribution



Lamp flux in emergency mode 279 lm
Luminaire flux in emergency mode 193 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 26W G24d-3

P Fixture (W) 33

P* (W/100lx.m²) 3.4

Electronic TC-DEL 26W G24q-3

P Fixture (W) 28

P* (W/100lx.m²) 2.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	58	50	56	54	48	43	42
1	100	79	71	75	71	66	62	60
1.5	111	95	88	89	84	80	77	75
2.5	120	109	103	100	93	90	87	85
3	123	113	108	104	96	94	91	89

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	677
1.2 x 1.8	451
1.8 x 1.8	301
1.8 x 2.4	226
1.8 x 3.0	180
2.4 x 2.4	169
2.4 x 3.0	135
3.0 x 3.0	108

194.pdf

189

INSAVER HE 225 OPEN 2x18W

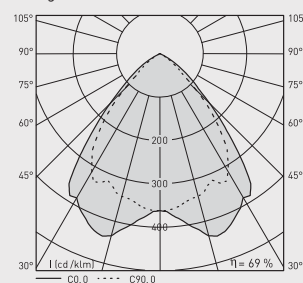
Sylvania Lynx-D/DE
TC-D **18W** G24d-2
TC-DEL **18W** G24q-2
Lamp flux 2x18W = 2400 lm



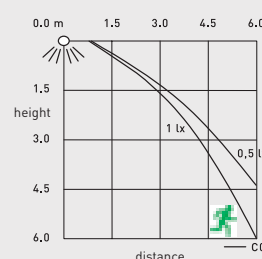
Beam angle 85°

h (m)	ø (m)	E _{max} (lx)
1	1.8	868
2	3.6	217
3	5.4	96
4	7.2	54
5	9.0	35

light distribution



Lamp flux in emergency mode 396 lm
Luminaire flux in emergency mode 210 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Conventional TC-D 18W G24d-2

P Fixture (W) 44

P* (W/100lx.m²) 3.3

Electronic TC-DEL 18W G24q-2

P Fixture (W) 40

P* (W/100lx.m²) 3.0

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	86	66	60	64	62	58	54	53
1	101	84	78	80	77	73	69	68
1.5	111	98	92	92	87	84	81	80
2.5	118	108	104	100	93	91	89	87
3	120	112	108	103	96	94	92	90

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	933
1.2 x 1.8	622
1.8 x 1.8	415
1.8 x 2.4	311
1.8 x 3.0	249
2.4 x 2.4	233
2.4 x 3.0	187
3.0 x 3.0	149

137.pdf

INSAVER HE 175 OPEN 13W

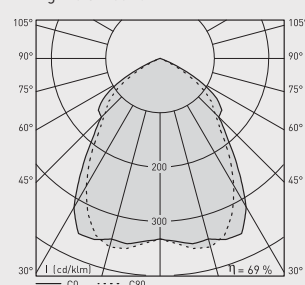
Sylvania Lynx-D/DE
TC-D **13W** G24d-1
TC-DEL **13W** G24q-1
Lamp flux 13W = 900 lm



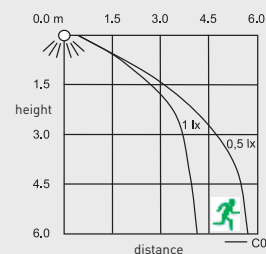
Beam angle 84°

h (m)	Ø (m)	E _{max} (lx)
1	1.8	299
2	3.6	75
3	5.4	33
4	7.2	19
5	9.0	12

light distribution



Lamp flux in emergency mode 279 lm
Luminaire flux in emergency mode 193 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1

P Fixture (W) 17

P* (W/100lx.m²) 3.4

Electronic TC-DEL 13W G24q-1

P Fixture (W) 15

P* (W/100lx.m²) 3

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	58	50	56	54	48	44	42
1	100	79	71	75	71	66	62	60
1.5	111	95	88	89	84	80	76	74
2.5	120	109	103	100	93	90	87	85
3	123	113	108	104	96	94	91	89

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	342
1.2 x 1.8	228
1.8 x 1.8	152
1.8 x 2.4	114
1.8 x 3.0	91
2.4 x 2.4	86
2.4 x 3.0	68
3.0 x 3.0	55

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INSAVER HE 175 OPEN 18W

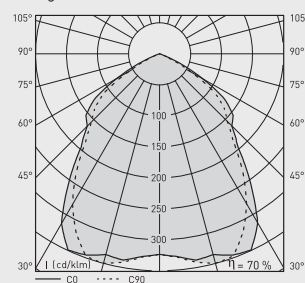
Sylvania Lynx-D/DE
TC-D **18W** G24d-2
TC-DEL **18W** G24q-2
Lamp flux 18W = 1200 lm



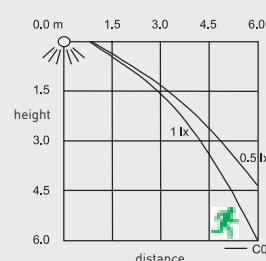
Beam angle 88°

h (m)	Ø (m)	E _{max} (lx)
1	1.9	287
2	3.9	97
3	5.8	43
4	7.7	24
5	9.7	15

light distribution



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 18W G24d-2

P Fixture (W) 22

P* (W/100lx.m²) 3.3

Electronic TC-DEL 18W G24q-2

P Fixture (W) 19

P* (W/100lx.m²) 2.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	58	50	56	54	48	44	42
1	100	79	71	75	71	66	62	60
1.5	111	95	88	89	84	80	76	74
2.5	120	109	103	100	93	90	87	85
3	123	113	108	104	96	94	91	89

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	459
1.2 x 1.8	306
1.8 x 1.8	204
1.8 x 2.4	153
1.8 x 3.0	123
2.4 x 2.4	115
2.4 x 3.0	92
3.0 x 3.0	74

INSAVER HE 225 OPEN 2x26W

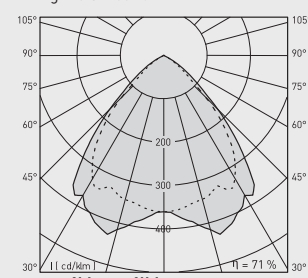
Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3
Lamp flux 2x26W = 3600 lm



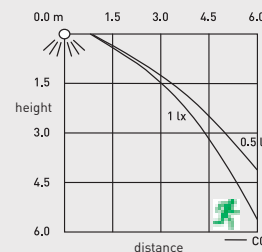
Beam angle 87°

h (m)	ø (m)	E _{max} (lx)
1	1.9	1299
2	3.8	325
3	5.7	144
4	7.6	81
5	9.5	52

light distribution



Lamp flux in emergency mode 279 lm
Luminaire flux in emergency mode 193 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 26W G24d-3

P Fixture (W) 62

P* (W/100lx.m²) 3.0

Electronic TC-DEL 26W G24q-3

P Fixture (W) 56

P* (W/100lx.m²) 2.7

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	70	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	86	66	60	64	62	58	54	53
1	101	84	78	80	77	73	69	68
1.5	111	98	92	92	87	84	81	80
2.5	118	108	104	100	93	91	89	87
3	120	112	108	103	96	94	92	90

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	1437
1.2 x 1.8	958
1.8 x 1.8	638
1.8 x 2.4	479
1.8 x 3.0	383
2.4 x 2.4	359
2.4 x 3.0	287
3.0 x 3.0	230

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INSAVER HE 175 CONE 13W

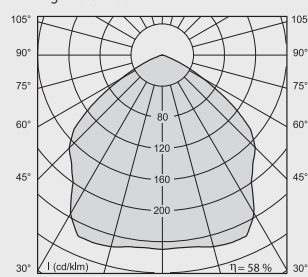
Sylvania Lynx-D/DE
TC-D **13W** G24d-1
TC-DEL **13W** G24q-1
Lamp flux 13W = 900 lm



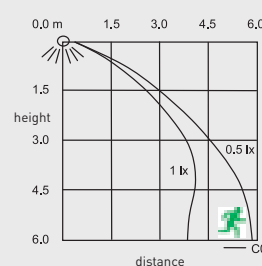
Beam angle 88°

h (m)	ø (m)	E _{max} (lx)
1	2.6	224
2	5.1	56
3	7.7	25
4	10.2	14
5	12.8	9

light distribution



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1

P Fixture (W) 17

P* (W/100lx.m²) 4.2

Electronic TC-DEL 13W G24q-1

P Fixture (W) 16

P* (W/100lx.m²) 3.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	56	48	54	52	46	41	39
1	99	78	69	74	70	65	60	58
1.5	112	95	87	89	83	79	75	73
2.5	121	109	102	100	93	90	87	84
3	123	113	108	104	96	94	91	88

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	284
1.2 x 1.8	189
1.8 x 1.8	126
1.8 x 2.4	95
1.8 x 3.0	76
2.4 x 2.4	71
2.4 x 3.0	57
3.0 x 3.0	45

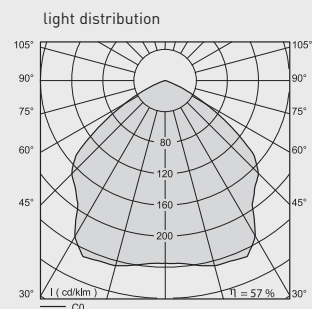
INSAVER HE 175 CONE 18W

Sylvania Lynx-D/DE
TC-D **18W** G24d-2
TC-DEL **18W** G24q-2
Lamp flux 18W = 1200 lm

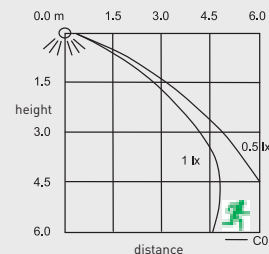


Beam angle 105°

h (m)	Ø (m)	E _{max} (lx)
1	2.6	281
2	5.2	70
3	7.8	31
4	10.4	18
5	13.0	11



Lamp flux in emergency mode 279 lm
Luminaire flux in emergency mode 193 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-2

P Fixture (W) 22

P* (W/100lx.m²) 4.1

Electronic TC-DEL 13W G24q-2

P Fixture (W) 20

P* (W/100lx.m²) 3.7

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	56	47	54	52	45	41	39
1	99	78	69	74	70	65	60	58
1.5	112	95	87	89	83	79	75	73
2.5	121	109	102	100	93	90	87	84
3	123	113	108	104	96	94	91	88

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	371
1.2 x 1.8	247
1.8 x 1.8	165
1.8 x 2.4	124
1.8 x 3.0	99
2.4 x 2.4	93
2.4 x 3.0	74
3.0 x 3.0	59

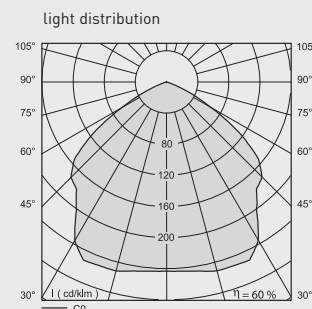
INSAVER HE 175 CONE 26W

Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3
Lamp flux 26W = 1800 lm

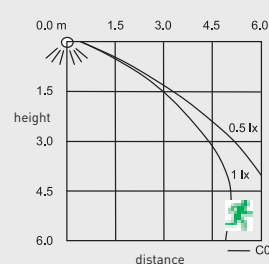


Beam angle 106°

h (m)	Ø (m)	E _{max} (lx)
1	2.7	437
2	5.3	109
3	8.0	49
4	10.6	27
5	13.3	17



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 18W G24d-3

P Fixture (W) 33

P* (W/100lx.m²) 3.9

Electronic TC-DEL 18W G24q-3

P Fixture (W) 28

P* (W/100lx.m²) 3.3

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	80	55	47	53	51	45	40	38
1	99	77	69	73	70	64	59	57
1.5	112	94	87	88	83	79	75	72
2.5	121	109	102	100	93	90	86	84
3	124	113	108	104	96	94	91	88

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	588
1.2 x 1.8	392
1.8 x 1.8	262
1.8 x 2.4	196
1.8 x 3.0	157
2.4 x 2.4	147
2.4 x 3.0	118
3.0 x 3.0	94

INSAVER HE 225 CONE 2x18W

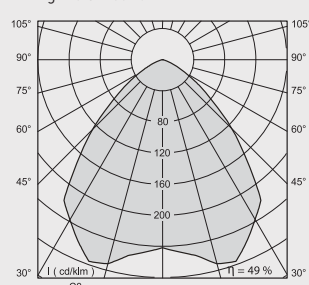
Sylvania Lynx-D/DE
TC-D **18W** G24d-1
TC-DEL **18W** G24q-1
Lamp flux 2x18W = 2400 lm



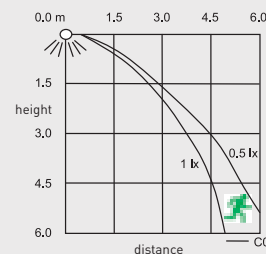
Beam angle 89°

h (m)	Ø (m)	E _{max} (lx)
1	2.0	579
2	3.9	145
3	5.9	64
4	7.9	36
5	9.8	23

light distribution



Lamp flux in emergency mode 279 lm
Luminaire flux in emergency mode 193 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 18W G24d-1

P Fixture (W) 44

P* (W/100lx.m²) 4.7

Electronic TC-DEL 18W G24q-1

P Fixture (W) 41

P* (W/100lx.m²) 4.4

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	59	52	57	55	49	45	44
1	100	80	72	76	72	67	63	61
1.5	112	96	89	90	84	81	77	75
2.5	120	109	103	100	93	91	87	85
3	122	113	108	103	96	94	91	89

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	647
1.2 x 1.8	431
1.8 x 1.8	288
1.8 x 2.4	216
1.8 x 3.0	173
2.4 x 2.4	162
2.4 x 3.0	129
3.0 x 3.0	104

192

INSAVER HE 225 CONE 2x26W

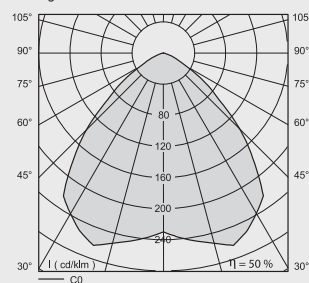
Sylvania Lynx-D/DE
TC-D **26W** G24d-2
TC-DEL **26W** G24q-2
Lamp flux 2x26W = 3600 lm



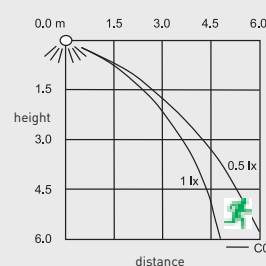
Beam angle 93°

h (m)	Ø (m)	E _{max} (lx)
1	2.1	826
2	4.2	207
3	6.3	92
4	8.4	52
5	10.5	33

light distribution



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 26W G24d-3

P Fixture (W) 62

P* (W/100lx.m²) 4.3

Electronic TC-DEL 26W G24q-3

P Fixture (W) 56

P* (W/100lx.m²) 3.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	58	50	56	54	48	44	42
1	100	79	71	75	72	66	62	60
1.5	112	95	88	89	84	80	76	74
2.5	120	109	103	100	93	90	87	85
3	123	113	108	104	96	94	91	89

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lux)
1.2 x 1.2	997
1.2 x 1.8	665
1.8 x 1.8	443
1.8 x 2.4	332
1.8 x 3.0	266
2.4 x 2.4	249
2.4 x 3.0	199
3.0 x 3.0	160

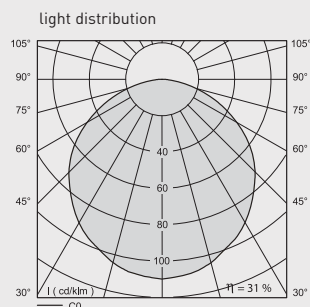
INSAVER HE 175 TOPPER 13W

Sylvania Lynx-D/DE
TC-D **13W** G24d-1
TC-DEL **13W** G24q-1
Lamp flux 13W = 900 lm



Beam angle 112°

h (m)	ø (m)	E _{max} (lx)
1	3.0	99
2	5.9	25
3	8.9	11
4	11.9	6
5	14.8	4



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1

P Fixture (W) 17

P* (W/100lx.m²) 8.4

Electronic TC-DEL 13W G24q-1

P Fixture (W) 16

P* (W/100lx.m²) 7.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	80	52	42	50	47	40	34	32
1	100	74	63	70	66	59	53	50
1.5	114	92	82	86	80	74	69	66
2.5	125	109	101	100	93	88	83	81
3	128	115	107	105	97	93	89	86

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lux)
1.2 x 1.2	141
1.2 x 1.8	94
1.8 x 1.8	63
1.8 x 2.4	47
1.8 x 3.0	38
2.4 x 2.4	35
2.4 x 3.0	28
3.0 x 3.0	23

193

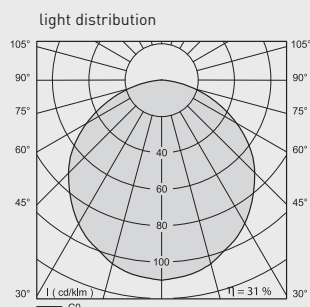
INSAVER HE 175 TOPPER 18W

Sylvania Lynx-D/DE
TC-D **18W** G24d-2
TC-DEL **18W** G24q-2
Lamp flux 18W = 1200 lm



Beam angle 112°

h (m)	ø (m)	E _{max} (lx)
1	3.0	132
2	5.9	33
3	8.9	15
4	11.9	8
5	14.8	5



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 18W G24d-2

P Fixture (W) 22

P* (W/100lx.m²) 8.1

Electronic TC-DEL 18W G24q-2

P Fixture (W) 20

P* (W/100lx.m²) 7.4

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	80	52	42	50	47	40	34	32
1	100	74	63	70	66	59	53	50
1.5	114	92	82	86	80	74	69	66
2.5	125	109	101	100	93	88	83	81
3	128	115	107	105	97	93	89	86

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lux)
1.2 x 1.2	188
1.2 x 1.8	125
1.8 x 1.8	84
1.8 x 2.4	63
1.8 x 3.0	50
2.4 x 2.4	47
2.4 x 3.0	38
3.0 x 3.0	30

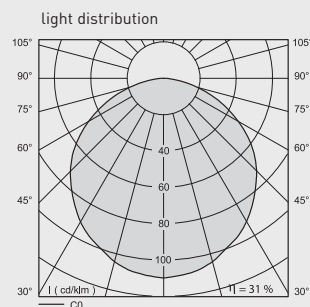
INSAVER HE 175 TOPPER 26W

Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3
Lamp flux 26W = 1800 lm



Beam angle 112°

h (m)	Ø (m)	E _{max} (lx)
1	3.0	198
2	5.9	50
3	8.9	22
4	11.9	12
5	14.8	8



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1

P Fixture (W) 33

P* (W/100lx.m²) 8.1

Electronic TC-DEL 13W G24q-1

P Fixture (W) 28

P* (W/100lx.m²) 6.9

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	80	52	42	50	47	40	34	32
1	100	74	63	70	66	59	53	50
1.5	114	92	82	86	80	74	69	66
2.5	125	109	101	100	93	88	83	81
3	128	115	107	105	97	93	89	86

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	282
1.2 x 1.8	188
1.8 x 1.8	125
1.8 x 2.4	94
1.8 x 3.0	75
2.4 x 2.4	71
2.4 x 3.0	56
3.0 x 3.0	45

194

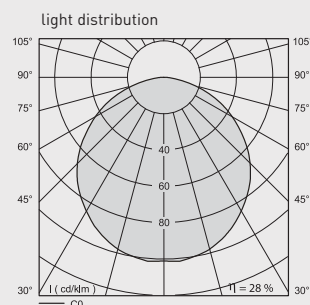
INSAVER HE 225 TOPPER 2x18W

Sylvania Lynx-D/DE
TC-D **18W** G24d-2
TC-DEL **18W** G24q-2
Lamp flux 2x18W = 2400 lm



Beam angle 111°

h (m)	Ø (m)	E _{max} (lx)
1	2.9	242
2	5.8	61
3	8.7	27
4	11.6	15
5	14.6	10



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 18W G24d-2

P Fixture (W) 44

P* (W/100lx.m²) 8.8

Electronic TC-DEL 18W G24q-2

P Fixture (W) 40

P* (W/100lx.m²) 8

Correction table (%)

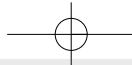
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	52	42	50	48	40	35	33
1	100	74	63	70	66	59	53	50
1.5	114	92	82	86	80	74	69	66
2.5	125	109	101	100	93	88	83	81
3	128	114	107	105	97	93	89	86

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	348
1.2 x 1.8	232
1.8 x 1.8	155
1.8 x 2.4	116
1.8 x 3.0	93
2.4 x 2.4	87
2.4 x 3.0	70
3.0 x 3.0	56



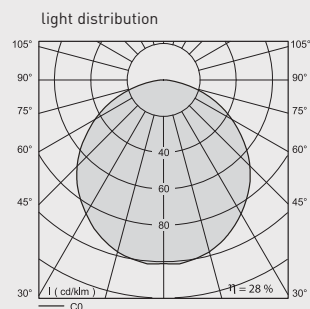
INSAVER HE 225 TOPPER 2x26W

Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3
Lamp flux 2x26W = 3600 lm



Beam angle 111°

h (m)	θ (m)	Emax (lx)
1	2.9	364
2	5.8	91
3	8.7	40
4	11.6	23
5	14.6	15



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss	TC-D 13W G24d-1
P Fixture (W)	62
P* (W/100lx.m ²)	8.2

Electronic TC-DEL 13W G24q-1

P Fixture (W)	56
P* (W/100lx.m ²)	7.4

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	52	42	50	48	40	35	33
1	100	74	63	70	66	59	53	50
1.5	114	92	82	86	80	74	69	66
2.5	125	109	101	100	93	88	83	81
3	128	114	107	105	97	93	89	86

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	523
1.2 x 1.8	348
1.8 x 1.8	232
1.8 x 2.4	174
1.8 x 3.0	139
2.4 x 2.4	131
2.4 x 3.0	105
3.0 x 3.0	84

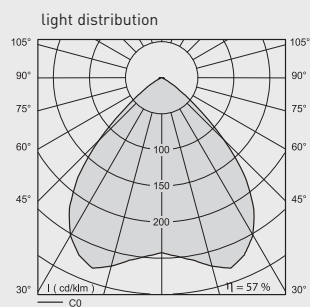
INSAVER CLASSIC 150 CONE 7W

Sylvania Lynx-S
TC **7W** G23
Lamp flux 7W = 400 lm



Beam angle 78°

h (m)	θ (m)	E _{max} (lx)
1	1.6	88
2	3.2	22
3	4.9	10
4	6.5	6
5	8.1	4



**Energy consumption
per 100 lux per m²**

C/W/F = 70/50/20% k=2.5

Low loss	TC 7W G23
P Fixture (W)	12.5
P* (W/100lx.m ²)	7.1

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	84	59	50	57	55	49	48	43
1	102	80	68	76	72	67	66	60
1.5	113	96	81	89	84	80	79	73
2.5	122	109	92	100	93	90	88	83
3	124	113	96	104	96	93	92	87

Light output in standard grid

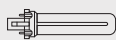
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	123
1.2 x 1.8	82
1.8 x 1.8	55
1.8 x 2.4	41
1.8 x 3.0	33
2.4 x 2.4	31
2.4 x 3.0	25
3.0 x 3.0	20



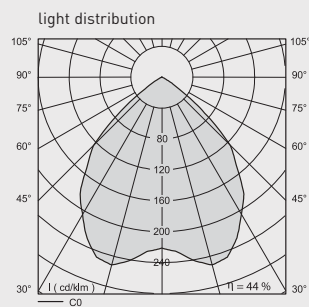
INSAVER CLASSIC 150 CONE 2x7W

Sylvania Lynx-S
TC **7W** G23
Lamp flux 2x7W = 800 lm



Beam angle 91°

h (m)	ø (m)	E _{max} (lx)
1	2.0	177
2	4.1	44
3	6.1	20
4	8.1	11
5	10.2	7



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 13W G23
P Fixture (W) 18.5
P* (W/100lx.m²) 6.5

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	60	51	58	56	51	50	45
1	100	81	70	77	73	69	68	63
1.5	111	97	83	90	85	82	81	77
2.5	119	109	93	100	93	91	90	86
3	121	113	96	103	96	94	93	89

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	196
1.2 x 1.8	131
1.8 x 1.8	87
1.8 x 2.4	65
1.8 x 3.0	52
2.4 x 2.4	49
2.4 x 3.0	39
3.0 x 3.0	31

196

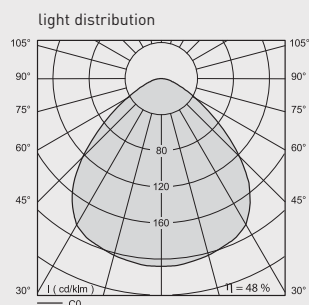
INSAVER CLASSIC 150 CONE 13W

Sylvania Lynx-D/DE
TC-D **13W** G24d-1
Lamp flux 13W = 900 lm



Beam angle 98°

h (m)	ø (m)	E _{max} (lx)
1	2.3	187
2	4.6	47
3	6.9	21
4	9.2	12
5	11.5	7



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1
P Fixture (W) 17
P* (W/100lx.m²) 5.2

Correction table (%)
Reflection factors (%)

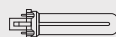
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	56	46	54	52	45	45	39
1	100	77	65	74	70	64	63	57
1.5	112	94	80	88	83	78	77	72
2.5	122	109	92	100	93	90	88	83
3	125	113	96	104	96	94	92	88

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	229
1.2 x 1.8	153
1.8 x 1.8	102
1.8 x 2.4	76
1.8 x 3.0	61
2.4 x 2.4	57
2.4 x 3.0	46
3.0 x 3.0	37

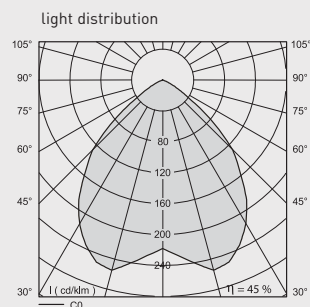
INSAVER CLASSIC 180 CONE 2x9W

Sylvania Lynx-S
TC **9W** G23
Lamp flux 2x9W = 1200 lm



Beam angle 90°

h (m)	ø (m)	E _{max} (lx)
1	2.0	257
2	4.0	64
3	6.0	29
4	8.0	16
5	10.0	10



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 9W G23
P Fixture (W) 21.9
P* (W/100lx.m²) 5.1

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	59	49	57	54	48	48	42
1	101	79	67	75	72	66	65	60
1.5	112	95	81	89	84	80	79	74
2.5	121	109	92	100	93	90	89	84
3	124	113	96	104	96	93	92	88

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	296
1.2 x 1.8	197
1.8 x 1.8	132
1.8 x 2.4	99
1.8 x 3.0	79
2.4 x 2.4	74
2.4 x 3.0	59
3.0 x 3.0	47

197

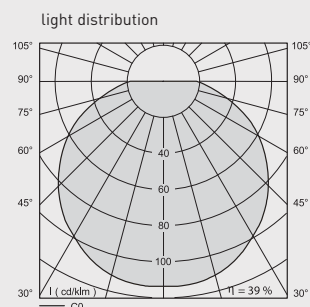
INSAVER CLASSIC 150 TOPPER 7W

Sylvania Lynx-S
TC **7W** G23
Lamp flux 7W = 400 lm



Beam angle 126°

h (m)	ø (m)	E _{max} (lx)
1	3,9	45
2	7,9	11
3	11,8	5
4	15,7	3
5	19,6	2



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 7W G23
P Fixture (W) 12.5
P* (W/100lx.m²) 11.5

Correction table (%)
Reflection factors (%)

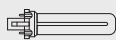
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	50	38	48	46	38	37	29
1	102	72	57	68	64	56	55	46
1.5	116	91	73	84	79	71	70	62
2.5	129	109	89	100	92	87	85	77
3	132	115	95	105	97	92	90	83

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	75
1.2 x 1.8	50
1.8 x 1.8	34
1.8 x 2.4	25
1.8 x 3.0	20
2.4 x 2.4	19
2.4 x 3.0	15
3.0 x 3.0	12

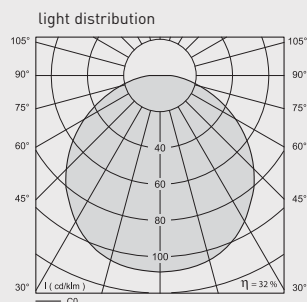
INSAVER CLASSIC 150 TOPPER 2x7W

Sylvania Lynx-S
TC **7W** G23
Lamp flux 2x7W = 800 lm



Beam angle 113°

h (m)	ø (m)	E _{max} (lx)
1	3.0	87
2	4.4	52
3	6.7	23
4	8.9	13
5	11.1	8



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 7W G23
P Fixture (W) 18.3
P* (W/100lx.m²) 9.9

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	52	40	50	47	40	39	32
1	101	74	59	70	66	58	57	49
1.5	114	92	75	85	80	74	72	65
2.5	126	109	90	100	93	88	86	80
3	129	115	95	105	97	93	91	85

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	129
1.2 x 1.8	86
1.8 x 1.8	57
1.8 x 2.4	43
1.8 x 3.0	34
2.4 x 2.4	32
2.4 x 3.0	26
3.0 x 3.0	21

198

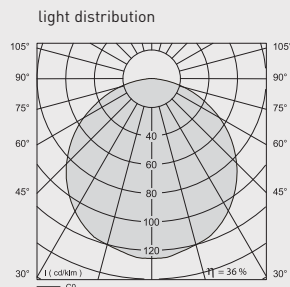
INSAVER CLASSIC 150 TOPPER 13W

Sylvania Lynx-D/DE
TC-D **13W** G24-d1
Lamp flux 13W = 900 lm



Beam angle 113°

h (m)	ø (m)	E _{max} (lx)
1	3.0	113
2	6.0	28
3	9.1	13
4	12.1	7
5	15.1	5



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 13W G24d-1
P Fixture (W) 17
P* (W/100lx.m²) 7.2

Correction table (%)
Reflection factors (%)

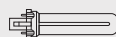
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	52	41	50	47	40	39	32
1	100	74	60	70	66	58	58	50
1.5	114	92	76	86	80	74	73	66
2.5	125	109	90	100	93	88	87	80
3	129	115	96	105	97	93	91	86

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	164
1.2 x 1.8	109
1.8 x 1.8	73
1.8 x 2.4	55
1.8 x 3.0	44
2.4 x 2.4	41
2.4 x 3.0	33
3.0 x 3.0	26

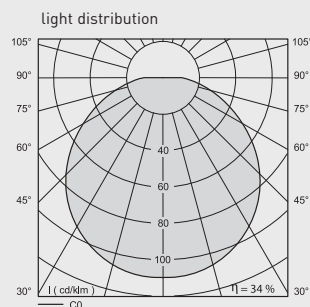
INSAVER CLASSIC 180 TOPPER 2x9W

Sylvania Lynx-S
TC **9W** G23
Lamp flux 2x9W = 1200 lm



Beam angle 115°

h (m)	ø (m)	E _{max} (lx)
1	3.1	130
2	6.3	33
3	9.4	14
4	12.6	8
5	15.7	5



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 9W G23
P Fixture (W) 21.9
P* (W/100lx.m²) 7.6

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	40	49	47	39	39	31
1	102	73	59	69	65	57	56	48
1.5	115	91	75	85	79	73	72	64
2.5	127	109	90	100	92	87	86	79
3	131	115	95	105	97	92	91	84

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	201
1.2 x 1.8	134
1.8 x 1.8	89
1.8 x 2.4	67
1.8 x 3.0	54
2.4 x 2.4	50
2.4 x 3.0	40
3.0 x 3.0	32

142.pdf

199

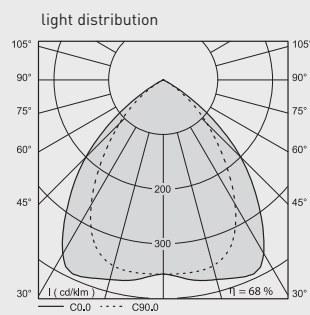
INSAVER QUADRETTO 26W

Sylvania Lynx-T/TE
TC-T **26W** G24d-3
TC-TEL **26W** G24q-3
Lamp flux 26W = 1800 lm

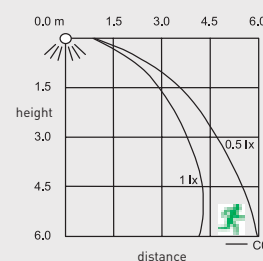


Beam angle min 74°/max 92°

h (m)	d _{min} ø(m)	d _{max} ø(m)	E _{max} (lx)
1	1.5	2.1	640
2	3.0	4.1	160
3	4.5	6.2	71
4	6.0	8.3	40
5	7.5	10.4	26



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-T 26W G24d-3
P Fixture (W) 31
P* (W/100lx.m²) 3.1

Electronic TC-TEL 26W G24q-3
P Fixture (W) 28
P* (W/100lx.m²) 2.8

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	60	51	58	56	51	50	45
1	100	81	70	77	73	69	68	63
1.5	111	96	83	90	85	82	81	77
2.5	119	109	93	100	93	91	90	86
3	122	113	96	103	96	94	93	89

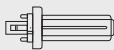
Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	688
1.2 x 1.8	459
1.8 x 1.8	306
1.8 x 2.4	229
1.8 x 3.0	184
2.4 x 2.4	172
2.4 x 3.0	138
3.0 x 3.0	110

135.pdf

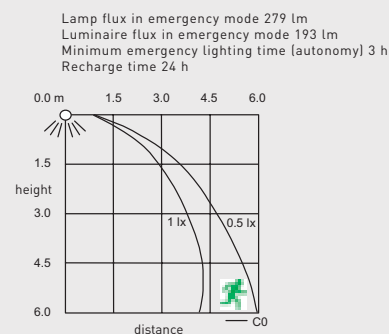
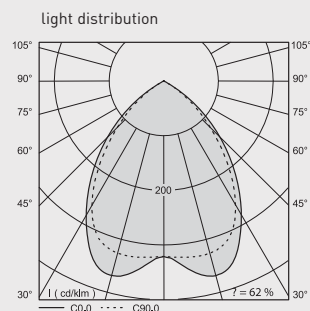
INSAVER QUADRETTO 2x26W

Sylvania Lynx-T/TE
TC-T **26W** G24d-3
TC-TEL **26W** G24q-3
Lamp flux 2X26W = 3600 lm



Beam angle min 78°/max 83°

h (m)	dmin ø(m)	dmax ø(m)	E _{max} (lx)
1	1.6	1.8	1160
2	3.2	3.5	290
3	4.9	5.3	129
4	6.5	7.1	73
5	8.1	8.8	46



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-D 26W G24d-3

P Fixture (W) 62

P* (W/100lx.m²) 3.4

Electronic TC-DEL 26W G24q-3

P Fixture (W) 55

P* (W/100lx.m²) 3.1

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	61	52	59	57	52	51	46
1	100	81	70	77	74	69	68	64
1.5	111	97	83	91	85	82	81	77
2.5	119	109	93	100	93	91	90	86
3	121	113	96	103	96	94	93	89

Light output in standard grid

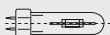
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	1252
1.2 x 1.8	835
1.8 x 1.8	557
1.8 x 2.4	417
1.8 x 3.0	334
2.4 x 2.4	313
2.4 x 3.0	250
3.0 x 3.0	200

200

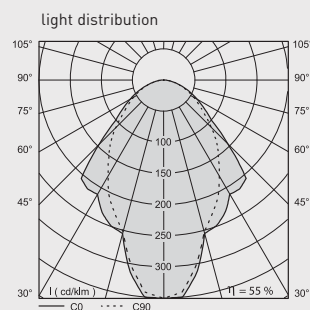
INSAVER QUADRETTO HIT/CMI-T

Sylvania CMI-T
HIT/CMI-T **70W** G12
Lamp flux 35/70/150W =
3400/6400/14000 lm



Beam angle min 61.4°/max 85.4°

h (m)	dmin ø(m)	dmax ø(m)	E _{max} (lx)
1	1.2	1.8	4896
2	2.4	3.7	1224
3	3.6	5.5	544
4	4.8	7.4	306
5	5.9	9.2	196



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss HIT 150W G12

P Fixture (W) 167

P* (W/100lx.m²) 2.8

Electronic HIT 150W G12

P Fixture (W) 162

P* (W/100lx.m²) 2.7

Correction table (%)

Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	58	49	56	53	47	42	40
1	101	78	69	74	70	64	59	57
1.5	113	94	86	88	83	78	73	71
2.5	122	109	102	100	93	89	85	83
3	125	114	107	104	96	93	90	87

Light output in standard grid

C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	4093
1.2 x 1.8	2728
1.8 x 1.8	1819
1.8 x 2.4	1364
1.8 x 3.0	1091
2.4 x 2.4	1023
2.4 x 3.0	819
3.0 x 3.0	655

MOTTO 110 QT 12

Sylvania Capsule lamp
QT-ax 12 **75W** GY6.35



175.pdf

35W = 650 lm
50W = 1000 lm
75W = 1600 lm

m	35°	Emax (lx) 1600lm
1	0.60	1574
2	1.30	394
3	1.90	175
4	2.50	98
5	3.20	63

m	15°	Emax (lx) 1600lm
1	0.30	8003
2	0.50	2001
3	0.80	889
4	1.10	500
5	1.40	320

MOTTO 110 TC-D 10W

Sylvania Lynx-D/DE
TC-D **10W** G24d-1



176.pdf

10W = 600 lm

m	83°	Emax (lx) 600lm
1	1.80	154
2	3.60	39
3	5.30	17
4	7.10	10
5	8.90	6

201

MOTTO 110 HIT/CMI-TC

Sylvania CMI-TC
HIT **70W** G8.5



174.pdf

35W = 3400 lm
70W = 6200 lm

m	33°	Emax (lx) 6200lm
1	0.60	7132
2	1.20	1783
3	1.80	792
4	2.40	446
5	3.00	285

m	19°	Emax (lx) 6200lm
1	0.30	22359
2	0.70	5590
3	1.00	2484
4	1.30	1397
5	1.60	894

MOTTO 144 TC-T 18W

Sylvania Lynx-D/DE
TC-T **18W** GX24d-2



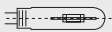
181.pdf

18W = 1200 lm

m	45°	Emax (lx) 1200lm
1	2.40	255
2	4.80	64
3	7.20	28
4	9.50	16
5	11.90	10

MOTTO 144 HIT/CMI-TC

Sylvania CMI-TC
HIT **150W** G12



177.pdf

35W = 3400 lm
70W = 6200 lm
150W = 14000 lm

m	40°	Emax (lx) 14000lm
1	0.70	12828
2	1.50	3207
3	2.20	1425
4	2.90	802
5	3.60	513

202

For other Motto luminaires see page 180-220, reflector lamps.

INSTAR PRO 95 SWING 50W

Sylvania Low Pressure Capsule
QT12 **75W** GY6.35



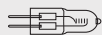
35W = 650 lm
50W = 1000 lm

m	32°	Emax (lx) 1000lm
1	0.60	940
2	1.10	235
3	1.70	104
4	2.30	59
5	2.90	38

266.pdf

INSTAR PRO 115 SWING 75W

Sylvania Low Pressure Capsule
QT12 **75W** GY6.35



35W = 650 lm
50W = 1000 lm
75W = 1600 lm

m	33°	Emax (lx) 1600lm
1	0.60	1739
2	1.20	435
3	1.80	193
4	2.40	109
5	3.00	70

269.pdf

For other Instar luminaires see page 180-220, reflector lamps.

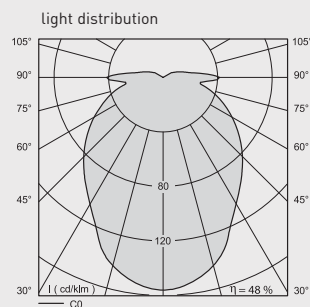
FRESCO 300 16W

TC-DD 16W GR10q
Lamp flux 16W = 1050 lm



Beam angle 96°

h (m)	ø (m)	E _{max} (lx)
1	2.2	164
2	4.4	41
3	6.7	18
4	8.9	10
5	11.1	7



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 16W GR10q
P Fixture (W) 20
P* (W/100lx.m²) 5.6

Electronic TC-DD 16W GR10q
P Fixture (W) 16
P* (W/100lx.m²) 4.5

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	80	51	41	49	45	38	32	29
1	100	73	63	69	63	56	49	45
1.5	114	92	82	85	78	72	65	60
2.5	126	110	102	100	90	86	80	75
3	130	116	109	105	95	91	85	80

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	249
1.2 x 1.8	166
1.8 x 1.8	111
1.8 x 2.4	83
1.8 x 3.0	66
2.4 x 2.4	62
2.4 x 3.0	50
3.0 x 3.0	40

204

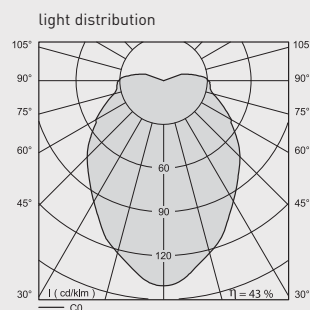
FRESCO 300 22W

T16-R 22W 2GX13
Lamp flux 22W = 1800 lm



Beam angle 96°

h (m)	ø (m)	E _{max} (lx)
1	2.2	253
2	4.4	63
3	6.7	28
4	8.9	16
5	11.1	10



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss T16-R 22W 2GX-13
P Fixture (W) 22
P* (W/100lx.m²) 4.3

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	85	53	42	50	47	39	32	29
1	105	74	62	69	64	56	48	43
1.5	119	92	81	85	77	70	62	57
2.5	131	110	100	100	90	84	76	70
3	134	116	107	105	94	89	81	75

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	356
1.2 x 1.8	237
1.8 x 1.8	158
1.8 x 2.4	119
1.8 x 3.0	95
2.4 x 2.4	89
2.4 x 3.0	71
3.0 x 3.0	57

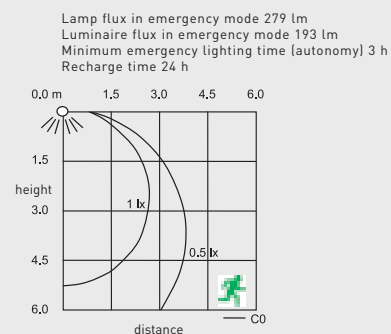
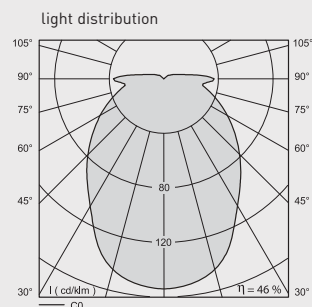
FRESCO 400 28W

TC-DD 28W GR10q
Lamp flux 28W = 2050 lm



Beam angle 96°

h (m)	ø (m)	E _{max} (lx)
1	2.2	316
2	4.4	79
3	6.7	35
4	8.9	20
5	11.1	13



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 28W GR10q
P Fixture (W) 33
P* (W/100lx.m²) 5.2

Electronic TC-DD 28W GR10q
P Fixture (W) 28
P* (W/100lx.m²) 4.4

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	85	54	43	51	48	40	33	30
1	105	75	63	70	64	57	49	45
1.5	118	93	82	86	78	71	63	58
2.5	130	110	101	100	90	85	77	71
3	133	116	107	105	94	89	82	76

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	441
1.2 x 1.8	294
1.8 x 1.8	196
1.8 x 2.4	147
1.8 x 3.0	118
2.4 x 2.4	110
2.4 x 3.0	88
3.0 x 3.0	71

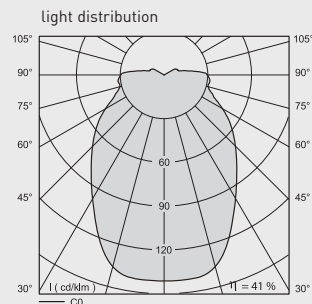
FRESCO 400 40W

T16-R 40W 2GX13
Lamp flux 40W = 3300 lm



Beam angle 88°

h (m)	ø (m)	E _{max} (lx)
1	1.9	467
2	3.9	117
3	5.8	52
4	7.7	29
5	9.7	19



Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	638
1.2 x 1.8	426
1.8 x 1.8	284
1.8 x 2.4	213
1.8 x 3.0	170
2.4 x 2.4	160
2.4 x 3.0	128
3.0 x 3.0	102

Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss T16-R 40W 2GX13
P Fixture (W) 40
P* (W/100lx.m²) 5.2

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	85	54	44	52	48	40	34	31
1	105	76	64	71	65	57	49	45
1.5	118	93	82	86	78	71	63	58
2.5	130	110	101	100	90	85	77	71
3	133	116	107	105	94	89	82	75

FRESCO 400 55W

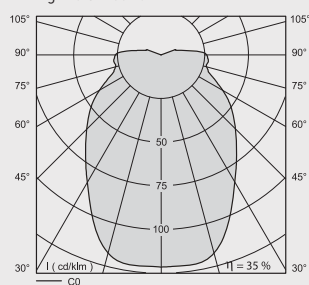
T16-R **55W** 2GX13
Lamp flux 55W = 4200 lm



Beam angle 89°

h (m)	ø (m)	E _{max} (lx)
1	2.0	510
2	3.9	128
3	5.9	57
4	7.9	32
5	9.8	20

light distribution



202.pdf

Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss T16-R 55W 2GX13
P Fixture (W) 46
P* (W/100lx.m²) 4.6

Correction table (%)
Reflection factors (%)

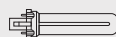
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	85	54	44	52	48	41	34	31
1	105	75	64	71	65	57	50	46
1.5	118	93	82	86	78	71	64	59
2.5	130	110	100	100	90	85	77	72
3	133	116	107	105	94	90	82	77

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	693
1.2 x 1.8	462
1.8 x 1.8	308
1.8 x 2.4	231
1.8 x 3.0	185
2.4 x 2.4	173
2.4 x 3.0	139
3.0 x 3.0	111

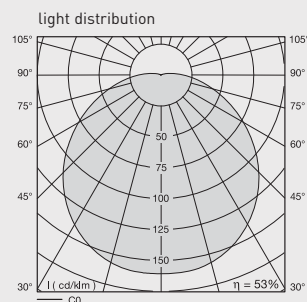
GIOTTO 235 2x9W

Sylvania Lynx-S
TC 9W G23
Lamp flux 2x9W = 1200 lm



Beam angle 115°

h (m)	Ø (m)	E _{max} (lx)
1	3.1	194
2	6.2	49
3	9.3	22
4	12.4	12
5	15.5	8



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 9W G23
P Luminaire (W) 21
P* (W/100lx.m²) 4.7

Correction table (%) Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	40	49	46	38	38	30
1	102	73	59	69	64	56	55	46
1.5	116	92	75	85	79	72	70	62
2.5	128	109	90	100	92	86	84	76
3	131	115	95	105	96	91	89	82

Light output in standard grid C/W/F = 70/50/20% k=2.5

Grid(m)	E (lx)
1.2 x 1.2	310
1.2 x 1.8	207
1.8 x 1.8	138
1.8 x 2.4	103
1.8 x 3.0	83
2.4 x 2.4	77
2.4 x 3.0	62
3.0 x 3.0	50

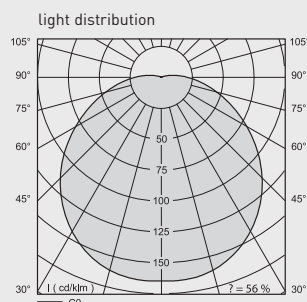
GIOTTO 235 SURFACE 16W

TC-DD 16W GR10q
Lamp flux 16W = 1050 lm



Beam angle 88°

h (m)	Ø (m)	E _{max} (lx)
1	3,3	172
2	6,6	43
3	9,9	19
4	13,2	11
5	16,5	7



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 16W GR10q
P Fixture (W) 20
P* (W/100lx.m²) 4.9

Electronic TC-DD 16W GR10q
P Fixture (W) 16
P* (W/100lx.m²) 3.9

Correction table (%) Reflection factors (%)

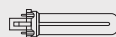
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	39	49	46	38	37	29
1	102	73	58	69	64	56	55	46
1.5	116	91	74	85	79	72	70	61
2.5	128	109	90	100	92	86	84	76
3	132	115	95	105	96	91	89	81

Light output in standard grid C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	282
1.2 x 1.8	188
1.8 x 1.8	125
1.8 x 2.4	94
1.8 x 3.0	75
2.4 x 2.4	71
2.4 x 3.0	56
3.0 x 3.0	45

GIOTTO 235 SURFACE 2x9W

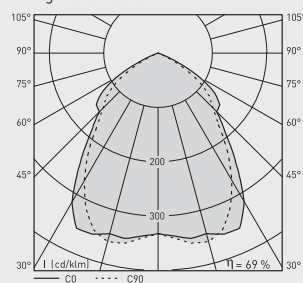
Sylvania Lynx-S
TC 9W G23
TC-SEL 9W 2G7
Lamp flux 2X9W = 1200 lm



Beam angle 115°

h (m)	Ø (m)	E _{max} (lx)
1	3,1	194
2	6,2	49
3	9,3	22
4	12,4	12
5	15,5	8

light distribution



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 9W G23
P Fixture (W) 21
P* (W/100lx.m²) 4.7

Electronic TC 9W G23
P Fixture (W) 20.6
P* (W/100lx.m²) 4.6

Correction table (%) Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	40	49	46	38	38	30
1	102	73	59	69	64	56	55	46
1.5	116	92	75	85	79	72	70	62
2.5	128	109	90	100	92	86	84	76
3	131	115	95	105	96	91	89	82

Light output in standard grid C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	310
1.2 x 1.8	207
1.8 x 1.8	138
1.8 x 2.4	103
1.8 x 3.0	83
2.4 x 2.4	77
2.4 x 3.0	62
3.0 x 3.0	50

208

GIOTTO 235A 60W

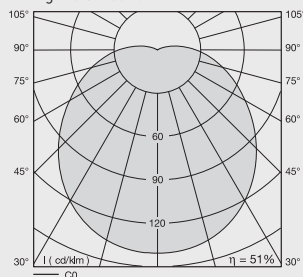
Sylvania A60 60W E27
TC-DSE 11W E27
Lamp flux 60W = 730 lm
11W = 900 lm



Beam angle 120°

h (m)	Ø (m)	E _{max} (lx)
1	3.5	103
2	7.0	26
3	10.5	11
4	14.0	6
5	17.5	4

light distribution



Energy consumption per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Incandescent A60 60W E27
P Luminaire (W) 60
P* (W/100lx.m²) 22.7

Fluorescent TC-DSE 11W E27
P Luminaire (W) 11
P* (W/100lx.m²) 4.2

Correction table (%) Reflection factors (%)

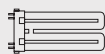
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	83	51	39	49	46	37	36	28
1	104	73	58	68	63	55	53	44
1.5	118	91	74	85	78	70	68	58
2.5	130	110	90	100	91	85	82	73
3	134	116	95	105	95	90	87	78

Light output in standard grid C/W/F = 70/50/20% k=2.5

Grid(m)	E (lx)
1.2 x 1.2	175
1.2 x 1.8	116
1.8 x 1.8	78
1.8 x 2.4	59
1.8 x 3.0	46
2.4 x 2.4	43
2.4 x 3.0	35
3.0 x 3.0	28

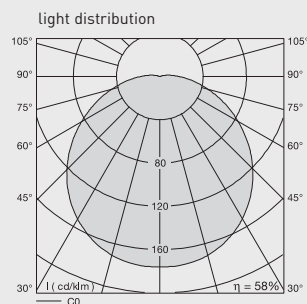
GIOTTO 305 24W

Sylvania Lynx-F
TC-F 24W 2G10
Lamp flux 24W = 1700 lm



Beam angle 117°

h (m)	ø (m)	E _{max} (lx)
1	3.3	299
2	6.6	75
3	9.9	33
4	13.2	19
5	16.5	12



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-F 24W 2G10
P Luminaire (W) 30
P* (W/100lx.m²) 4.4

Electronic TC-F 24W 2G10
P Luminaire (W) 28,5
P* (W/100lx.m²) 4.2

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	40	49	46	39	38	30
1	102	73	59	69	64	57	55	47
1.5	116	91	75	85	79	72	70	62
2.5	128	109	90	100	92	87	84	77
3	131	115	95	105	96	92	89	82

Lighting level in standard
grid

Grid(m)	E (lx)
1.2 x 1.2	475
1.2 x 1.8	317
1.8 x 1.8	211
1.8 x 2.4	158
1.8 x 3.0	127
2.4 x 2.4	119
2.4 x 3.0	95
3.0 x 3.0	76

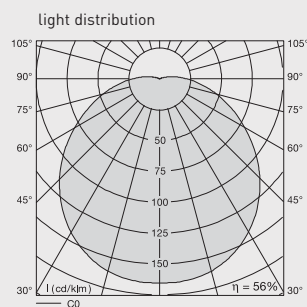
GIOTTO 305 28W

TC-DD 28W GR10q
Lamp flux 28W = 2050 lm

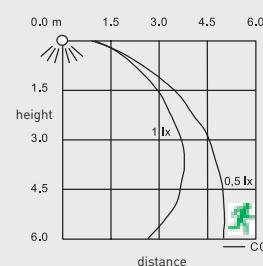


Beam angle 118°

h (m)	ø (m)	E _{max} (lx)
1	3.3	339
2	6.6	85
3	9.9	38
4	13.2	21
5	16.5	14



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 28W GR10q
P Luminaire (W) 33
P* (W/100lx.m²) 4.1

Electronic TC-DD 28W GR10q
P Luminaire (W) 31
P* (W/100lx.m²) 3.9

Correction table (%)
Reflection factors (%)

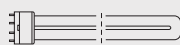
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	39	49	46	38	37	29
1	102	73	58	69	64	56	55	46
1.5	116	92	75	85	78	71	69	61
2.5	128	110	90	100	91	86	84	75
3	132	116	95	105	96	91	88	81

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	553
1.2 x 1.8	369
1.8 x 1.8	246
1.8 x 2.4	184
1.8 x 3.0	147
2.4 x 2.4	138
2.4 x 3.0	111
3.0 x 3.0	88

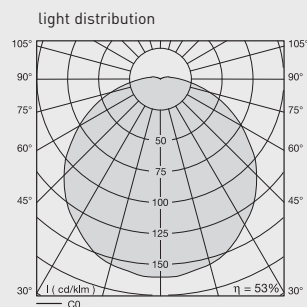
GIOTTO 335 2x18W

Sylvania Lynx-L/LE
TC-L 18W 2G11
Lamp flux 2x18W = 2400 lm



Beam angle 116°

h (m)	ø (m)	E _{max} (lx)
1	3.2	384
2	6.4	96
3	9.6	43
4	12.8	24
5	16.0	15

Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-L 18W 2G11
P Luminaire (W) 42
P* (W/100lx.m²) 4.4

Electronic TC-L 18W 2G11
P Luminaire (W) 38
P* (W/100lx.m²) 4.0

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	85	60	50	58	55	49	48	42
1	100	76	64	72	68	62	61	54
1.5	112	94	79	87	81	76	75	68
2.5	122	109	92	100	92	89	87	81
3	125	112	95	103	94	91	89	83

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	666
1.2 x 1.8	444
1.8 x 1.8	296
1.8 x 2.4	222
1.8 x 3.0	178
2.4 x 2.4	166
2.4 x 3.0	133
3.0 x 3.0	107

210

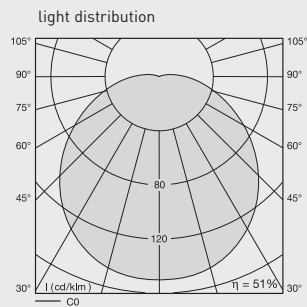
GIOTTO 335 38W

TC-DD 38W GR10q
Lamp flux 38W = 2850 lm

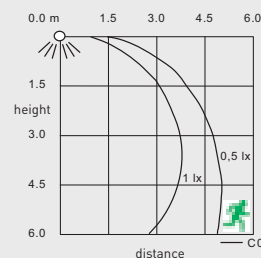


Beam angle 117°

h (m)	ø (m)	E _{max} (lx)
1	3.3	428
2	6.6	107
3	9.9	48
4	13.2	27
5	16.5	17



Lamp flux in emergency mode 384 lm
Luminaire flux in emergency mode 269 lm
Minimum emergency lighting time (autonomy) 3 h
Recharge time 24 h

Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 38W GR10q
P Luminaire (W) 44
P* (W/100lx.m²) 4.4

Electronic TC-DD 38W GR10q
P Luminaire (W) 39
P* (W/100lx.m²) 3.9

Correction table (%)
Reflection factors (%)

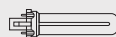
Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	39	49	46	38	37	29
1	103	73	58	69	64	56	55	46
1.5	116	91	74	85	78	72	70	61
2.5	128	109	90	100	92	86	84	76
3	132	115	95	105	96	91	89	81

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	653
1.2 x 1.8	462
1.8 x 1.8	308
1.8 x 2.4	231
1.8 x 3.0	185
2.4 x 2.4	173
2.4 x 3.0	139
3.0 x 3.0	111

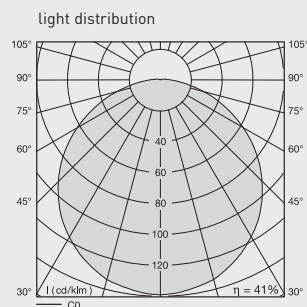
GIOTTO MAJOR 2x9W

Sylvania Lynx-S
TC 9W G23
Lamp flux 2x9W = 1200 lm



Beam angle 113°

h (m)	ø (m)	E _{max} (lx)
1	3.0	167
2	6.0	42
3	9.0	19
4	12.0	10
5	15.0	7



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 9W G23
P Luminaire (W) 24
P* (W/100lx.m²) 6.8

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	81	52	41	50	47	40	39	32
1	101	74	60	70	65	58	57	49
1.5	115	92	76	85	80	73	72	64
2.5	126	109	90	100	92	87	86	79
3	130	115	96	105	96	92	90	84

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	245
1.2 x 1.8	164
1.8 x 1.8	109
1.8 x 2.4	82
1.8 x 3.0	65
2.4 x 2.4	61
2.4 x 3.0	49
3.0 x 3.0	39

121.pdf

211

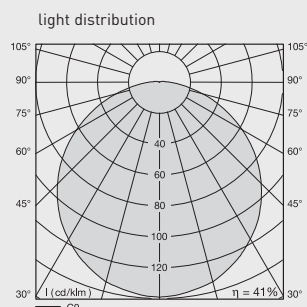
GIOTTO 28W

TC-DD 28W GR10q
Lamp flux 1x28W = 1800 lm



Beam angle 117°

h (m)	ø (m)	E _{max} (lx)
1	3.3	278
2	6.6	70
3	9.9	31
4	13.2	17
5	16.5	11



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 28W GR10q
P Luminaire (W) 32.9
P* (W/100lx.m²) 5.2

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	51	40	49	46	39	38	30
1	102	73	59	69	64	57	55	46
1.5	116	92	75	85	79	72	70	61
2.5	128	109	90	100	92	86	84	76
3	132	115	95	105	96	91	89	81

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	436
1.2 x 1.8	291
1.8 x 1.8	194
1.8 x 2.4	145
1.8 x 3.0	116
2.4 x 2.4	109
2.4 x 3.0	87
3.0 x 3.0	70

032.pdf

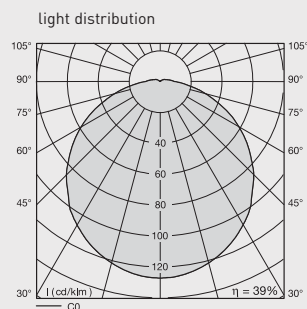
GIOTTO MINOR 2x7W

Sylvania Lynx-S
TC 7W G23
Lamp flux 2x7W = 800 lm



Beam angle 115°

h (m)	Ø (m)	E _{max} (lx)
1	3.2	102
2	6.4	26
3	9.6	11
4	12.8	6
5	16.0	4



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC 7W G23
P Luminaire (W) 20
P* (W/100lx.m²) 9.0

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	52	40	49	47	39	38	31
1	101	74	59	69	65	57	56	48
1.5	115	92	75	85	79	73	71	63
2.5	127	109	90	100	92	87	85	77
3	130	115	96	105	96	92	90	83

Light output in standard grid
C/W/F = 70/50/20% k=2.5

Grid (m)	E (lx)
1.2 x 1.2	154
1.2 x 1.8	103
1.8 x 1.8	69
1.8 x 2.4	51
1.8 x 3.0	41
2.4 x 2.4	39
2.4 x 3.0	31
3.0 x 3.0	25

212

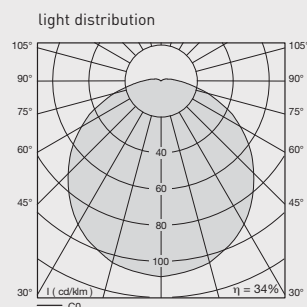
GIOTTO MINOR CIRCO 16W

TC-DD 16W GR10q
Lamp flux 16W = 1050 lm



Beam angle 115°

h (m)	Ø (m)	E _{max} (lx)
1	3.2	114
2	6.4	29
3	9.6	13
4	12.8	7
5	16.0	5



Energy consumption
per 100 lux per m²

C/W/F = 70/50/20% k=2.5

Low loss TC-DD 16W GR10q
P Luminaire (W) 22.4
P* (W/100lx.m²) 8.9

Correction table (%)
Reflection factors (%)

Ceiling	80	80	80	70	50	50	30	0
Wall	80	50	30	50	50	30	10	0
Floor	30	30	30	20	10	10	10	0
Room index k								
0.6	82	52	40	49	47	39	38	30
1	102	73	59	69	64	57	55	47
1.5	116	92	75	85	79	72	70	62
2.5	127	109	90	100	92	87	84	77
3	131	115	96	105	96	92	89	82

Light output in standard grid
C/W/F = 70/50/20% k=2.5

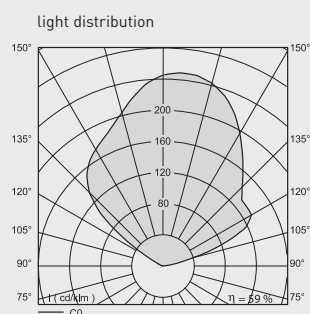
Grid (m)	E (lx)
1.2 x 1.2	176
1.2 x 1.8	117
1.8 x 1.8	78
1.8 x 2.4	59
1.8 x 3.0	47
2.4 x 2.4	44
2.4 x 3.0	35
3.0 x 3.0	28

CIELO 100

Sylvania GLS A60
A60 **100W** E27
QT32 **100W** E27



100W A60 = 1380 lm
100W QT32 = 1600 lm

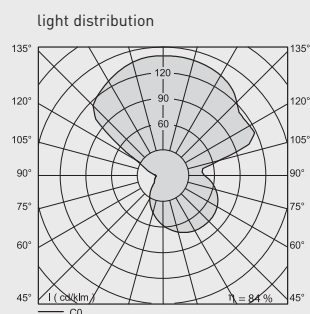


CIELO 100 DIFFUSO CRYSTAL

Sylvania GLS A60
A60 **100W** E27
QT32 **100W** E27



100W A60 = 1380 lm
100W QT32 = 1600 lm

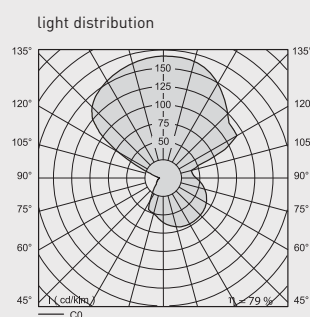


CIELO 75 DIFFUSO

Sylvania GLS A60
A60 **75W** E27
QT32 **75W** E27

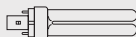


75W A60 = 960 lm
75W QT32 = 1125 lm

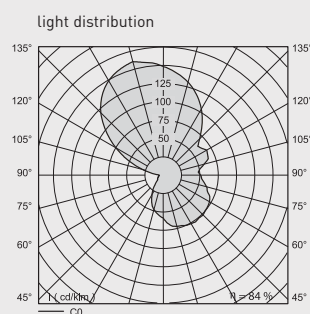


CIELO 13 DIFFUSO

Sylvania Lynx-D/DE
TC-D **13W** G24d-1



10W = 600 lm
13W = 900 lm

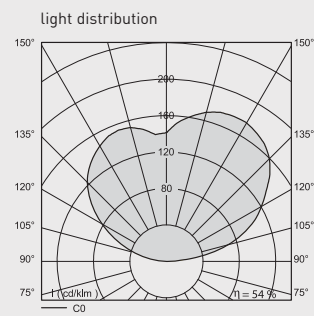


CIELO 300 2x26W

Sylvania Lynx-D/DE
TC-D **26W** G24d-3
TC-DEL **26W** G24q-3

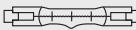


2x26W = 3600 lm

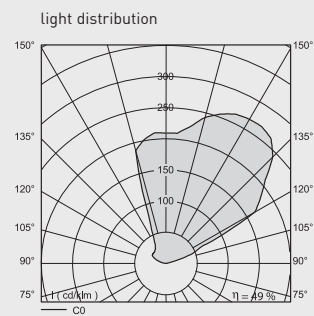


CIELO 300 HALOGEN

Sylvania Linear Double Ended
QT-DE12 **300W** R7s



300 W = 5000 lm

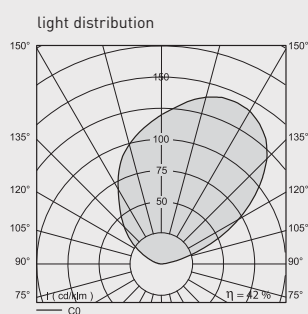


VISIO 2x26W

Sylvania Lynx-T
TC-T **26W** Gx24d-3



2x26W = 3600 lm



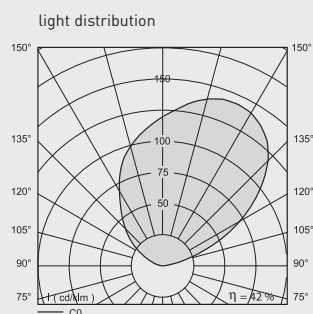
112.pdf

VISIO 2x42W

Sylvania Lynx-T
TC-TEL **42W** Gx24q-4



2x42W = 6400 lm



114.pdf

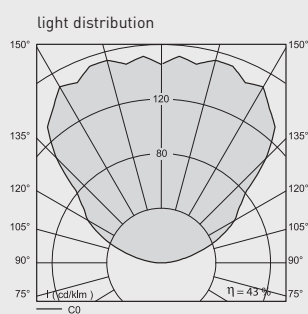
215

VISIO RONDO 26W

Sylvania Lynx-T
TC-T **26W** Gx24d-3



26W = 1800 lm



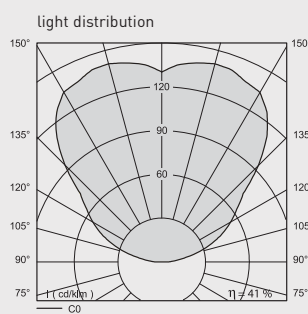
111.pdf

VISIO RONDO 2x26W

Sylvania Lynx-T
TC-T **26W** Gx24d-3



2x26W = 3600 lm



113.pdf

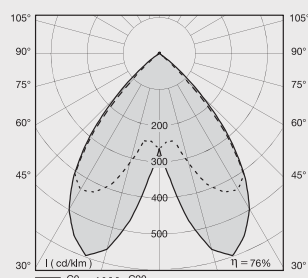
PENTO TC-T 2x26W

Sylvania Lynx-T
TC-T **26W** G24d-3



2x26W = 3600 lm

light distribution



2 x TC-T 26W
Pin = 63 Watt

Number of luminaires

E (lx)	h (m)	A (m²)	40	60	80	100	150	200	250	300
200	3.0	5	7	9	10	15	19	23	27	
	4.0	6	8	9	11	15	20	24	28	
	5.0	6	8	10	12	16	21	25	30	
300	3.0	7	10	13	15	22	28	34	41	
	4.0	8	11	14	16	23	30	36	42	
	5.0	9	12	15	18	24	31	38	44	
400	3.0	10	13	17	20	29	37	46	54	
	4.0	11	15	18	22	30	39	48	56	
	5.0	12	16	20	24	32	41	50	59	

C/W/F = 70/50/30% Maintenance factor = 0.8

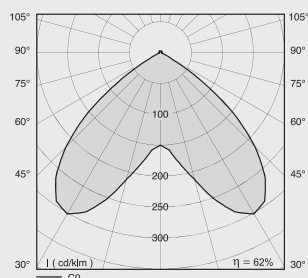
PENTO TC-TEL 4x32W

Sylvania Lynx-TE
TC-TEL **32W** G24q-3



4x32W = 6900 lm

light distribution



TC-TEL 4x32W
Pin = 142 Watt

Number of luminaires

E (lx)	h (m)	A (m²)	40	60	80	100	150	200	250	300
200	3.0	3	4	4	5	7	9	11	13	
	4.0	3	4	5	6	8	10	12	14	
	5.0	4	5	6	6	8	10	13	15	
300	3.0	4	5	6	8	11	14	17	19	
	4.0	5	6	7	8	11	15	18	21	
	5.0	5	7	8	9	12	15	19	22	
400	3.0	5	7	8	10	14	18	22	26	
	4.0	6	8	9	11	15	19	23	27	
	5.0	7	9	11	12	16	20	25	29	

C/W/F = 70/50/20% Maintenance factor = 0.8

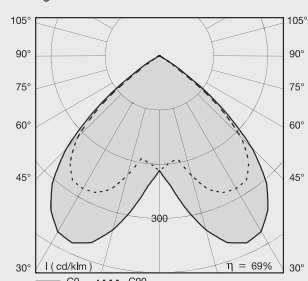
PENTO 2x42W

Sylvania Lynx-TE
TC-TEL **42W** G24q-3



2x42W = 6400 lm

light distribution



TC-TEL 2x42W
Pin = 92 Watt

Number of luminaires

E (lx)	h (m)	A (m²)	40	60	80	100	150	200	250	300
200	3.0	3	5	6	7	9	12	15	17	
	4.0	4	5	6	7	10	13	16	18	
	5.0	5	6	7	8	11	14	16	19	
300	3.0	5	7	8	10	14	18	22	26	
	4.0	6	7	9	11	15	19	23	27	
	5.0	7	8	10	12	16	20	24	28	
400	3.0	6	9	11	13	18	24	29	34	
	4.0	7	10	12	14	20	25	31	36	
	5.0	9	11	13	16	21	27	32	38	

C/W/F = 70/50/30% Maintenance factor = 0.8

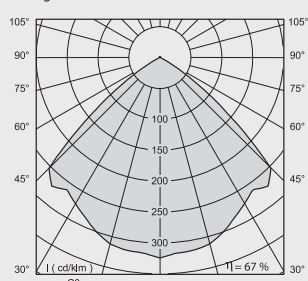
PENTO HIE 150W

Sylvania HIE
HIE 150W E27



150W = 13000 lm

light distribution



HIE 150W E27
Pin = 169 Watt

Number of luminaires

E (lx)	h (m)	A (m²)	40	60	80	100	150	200	250	300
200	3.0	2	3	3	4	5	6	8	9	
	4.0	2	3	3	4	5	7	8	9	
	5.0	3	3	4	4	6	7	8	10	
300	3.0	3	4	4	5	7	9	11	13	
	4.0	3	4	5	6	8	10	12	14	
	5.0	4	5	5	6	8	10	12	15	
400	3.0	4	5	6	7	10	12	15	17	
	4.0	4	5	6	7	10	13	16	18	
	5.0	5	6	7	8	11	14	16	19	

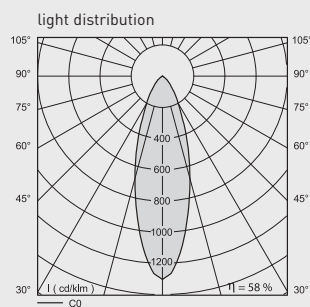
C/W/F = 70/50/30% Maintenance factor = 0.8

PENTO HIT/CMI-T 70W

Sylvania CMI-T
HIT **70W** G12



70W = 6400 lm



HIT 70W G12
Pin = 86 Watt

Number of luminaires

E (lx)	h (m)	A (m²)							
		40	60	80	100	150	200	250	300
200	3.0	3	4	5	6	9	11	14	17
	4.0	3	4	5	6	9	12	14	17
	5.0	3	4	6	7	9	12	15	17
300	3.0	4	6	7	9	13	17	21	25
	4.0	4	6	8	9	13	17	21	25
	5.0	5	6	8	10	14	18	22	26
400	3.0	5	7	10	12	17	22	28	33
	4.0	6	8	10	12	18	23	28	34
	5.0	6	8	11	13	18	23	29	34

C/W/F = 70/50/30% maintenance factor = 0.8

PENTO HIT/CMI-T 150W

Sylvania CMI-T
HIT **150W** G12



150W = 14000 lm

HIT 150W G12
Pin = 167 Watt

Number of luminaires

E (lx)	h (m)	A (m²)							
		40	60	80	100	150	200	250	300
200	3.0	2	2	3	3	4	5	7	8
	4.0	2	2	3	3	4	6	7	8
	5.0	2	2	3	3	5	6	7	8
300	3.0	2	3	4	4	6	8	10	12
	4.0	2	3	4	4	6	8	10	12
	5.0	2	3	4	5	7	8	10	12
400	3.0	3	4	5	6	8	11	13	15
	4.0	3	4	5	6	8	11	13	16
	5.0	3	4	5	6	9	11	13	16

C/W/F = 70/50/30% maintenance factor = 0.8

REFLECTOR LAMP QR111 12V G53

Sylvania SA111
QR111 **100W** G53



35W = 600 lm
50W = 930 lm
75W = 1450 lm
100W = 1800 lm

141.pdf

m	45°	Emax (lx) 1800lm 2800
1	0.83	
2	1.66	700
3	2.49	311
4	3.31	175
5	4.14	112

m	8°	Emax (lx) 1800lm 48000
1	0.14	
2	0.28	12000
3	0.42	5333
4	0.56	3000
5	0.70	1620

REFLECTOR LAMP QPAR30 E27

Sylvania Hi-Spot 95
QPAR30 **100W** E27



75W = 1080 lm
100W = 1550 lm

148.pdf

m	30°	Emax (lx) 1550lm 3500
1	0.54	
2	1.07	875
3	1.61	390
4	2.14	220
5	2.68	140

m	10°	Emax (lx) 1550lm 10000
1	0.17	
2	0.35	2500
3	0.52	1100
4	0.70	625
5	0.87	400

REFLECTOR LAMP QPAR51 GU/GZ10

Sylvania Hi-Spot ES(D)50
QPAR51 **50W** GU10



35W = 315 lm
50W = 525 lm

149.pdf

m	50°	Emax (lx) 525lm 500
1	0.88	
2	1.78	125
3	2.66	55
4	3.54	30
5	4.44	24

m	25°	Emax (lx) 525lm 1300
1	0.44	
2	0.89	325
3	1.33	144
4	1.77	81
5	2.22	52

REFLECTOR LAMP QR51 12V GU/GX 5.3

Sylvania Superia 50
QR-CB51 **50W** GU/GX5.3



20W = 320 lm
35W = 650 lm
50W = 950 lm

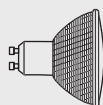
150.pdf

m	38°	Emax (lx) 950 lm 2250
1	0.69	
2	1.38	565
3	2.07	250
4	2.75	140
5	3.44	90

m	10°	Emax (lx) 950 lm 11000
1	0.17	
2	0.35	2750
3	0.52	1222
4	0.70	688
5	0.87	440

REFLECTOR LAMP QPAR64 GU/GZ10

Sylvania Hi-Spot ES63
QPAR64 **75W** GU/GZ10



20W = 525 lm
75W = 980 lm

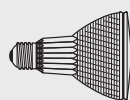
m	50°	Emax (lx) 630 lm 1000
1	0.93	
2	1.87	250
3	2.80	111
4	3.73	63
5	4.66	40

m	25°	Emax (lx) 630 lm 2500
1	0.44	
2	0.89	625
3	1.33	278
4	1.77	156
5	2.22	100

151.pdf

REFLECTOR LAMP HIPAR30L E27

Philips CDM-R
HIPAR30L **70W** E27



35W = 3500 lm
70W = 6400 lm

m	40°	Emax (lx) 6400 lm 7000
1	0.73	
2	1.46	1750
3	2.18	778
4	2.91	438
5	3.64	280

m	10°	Emax (lx) 6400 lm 48000
1	0.17	
2	0.35	12000
3	0.52	5333
4	0.70	3000
5	0.87	1920

152.pdf

219

REFLECTOR LAMP QR35 12V GU/GZ4

Sylvania Superia 35
QR35 **35W** GU/GZ4



20W = 320 lm
35W = 650 lm

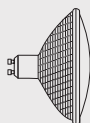
m	20°	Emax (lx) 630 lm 2990
1	0.35	
2	0.71	748
3	1.06	332
4	1.41	187
5	1.76	120

m	10°	Emax (lx) 630 lm 6730
1	0.17	
2	0.35	1683
3	0.52	748
4	0.70	421
5	0.87	269

153.pdf

REFLECTOR LAMP QPAR111 GU/GZ10

Sylvania Hi-Spot ES111
Q-PAR111 **100W** GU10



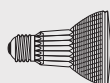
75W = 980 lm
100W = 1430 lm

m	24°	Emax (lx) 1430 lm 5000
1	0.41	
2	0.82	1250
3	1.23	556
4	1.64	312
5	2.05	200

154.pdf

REFLECTOR LAMP QPAR20 E27

Sylvania Hi-Spot 63
QPAR20 **50W** E27



50W = 630 lm

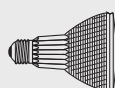
m	25°	Emax (lx) 630 lm
1	0.44	1045
2	0.89	261
3	1.33	116
4	1.77	65
5	2.22	42

m	10°	Emax (lx) 630 lm
1	0.17	2660
2	0.35	665
3	0.52	296
4	0.70	166
5	0.87	106

155.pdf

REFLECTOR LAMP QPAR80 E27

Sylvania Hi-Spot 80
QPAR80 **75W** E27



50W = 630 lm
75W = 1080 lm

m	25°	Emax (lx) 1080 lm
1	0.44	1895
2	0.89	474
3	1.33	211
4	1.77	118
5	2.22	76

m	10°	Emax (lx) 1080 lm
1	0.17	7660
2	0.35	1915
3	0.52	851
4	0.70	479
5	0.87	306

156.pdf

REFLECTOR LAMP HIPAR51 GX10

Sylvania BriteSpot ES50
QPAR51 **50W** GU10



35W = 3269 lm

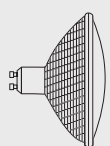
m	53°	Emax (lx) 3269 lm
1	1.00	2477
2	1.99	619
3	2.99	275
4	3.99	155
5	4.99	99

m	24°	Emax (lx) 3269 lm
1	0.43	8070
2	0.85	2018
3	1.28	897
4	1.70	504
5	2.13	323

190.pdf

REFLECTOR LAMP HIPAR111 GX10

Sylvania BriteSpot ES111
HIPAR111 **35W** GX10



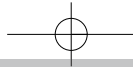
35W = 3269 lm

m	46°	Emax (lx) 3269 lm
1	0.85	3409
2	1.71	852
3	2.56	379
4	3.41	213
5	4.27	136

m	8°	Emax (lx) 3269 lm
1	0.14	48649
2	0.28	12162
3	0.42	5405
4	0.56	3041
5	0.70	1946

217.pdf

ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE
0025060	24	3004853	13	3006450	156	3021330	63	3029410	22
0025061	24	3004854	13	3006720	92	3021400	56	3029430	22
0025062	24	3004855	13	3006730	92	3021500	63	3029440	22
0025063	24	3004859	13	3006740	92	3021530	63	3029450	22
0025064	24	3004870	11	3006750	92	3021560	84	3029470	22
0025065	24	3004872	11	3006760	92	3021570	84	3029490	22
0025066	24	3004873	11	3006800	141	3021590	84	3029550	15
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0025068	24	3004875	11	3006820	142	3021880	58	3029570	15
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0025244	24	3005110	106	3006850	87	3022500	59	3029600	15
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0025246	24	3005140	107	3006860	156	3022800	60	3029620	15
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2033435	25	3005170	108	3006870	87	3022850	60	3029640	15
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2033442	25	3005330	106	3006890	40	3023040	20	3029830	27
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2425917	25	3005430	154	3006920	14	3023250	20	3030000	104
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3000430	124	3005550	14	3006950	14	3023310	20	3030060	105
3000518	27	3005550	16	3006950	16	3023320	21	3030070	105
3000526	27	3005570	15	3006960	14	3023440	20	3030110	107
3000527	27	3005570	17	3007900	120	3023450	20	3030140	107
3000800	87	3005600	60	3007910	120	3023460	21	3030150	107
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3000920	85	3005710	15	3019010	166	3025800	14	3030320	108
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3000990	86	3005720	15	3019030	166	3025812	14	3030340	108
3001580	20	3005740	15	3019060	166	3025820	14	3030350	108
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3004700	85	3005974	14	3019830	165	3026170	23	3033040	16
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3004760	38	3005980	19	3020060	167	3026500	128	3033082	16
3004760	39	3005984	15	3020070	167	3026550	128	3033090	16
3004770	40	3005984	17	3020330	58	3026600	128	3033100	16
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3004820	12	3005990	15	3020360	84	3026760	132	3033120	16
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3004823	12	3005990	19	3020380	56	3026800	129	3033132	16
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3004852	13	3006400	156	3021300	63	3029380	22	3033230	17



ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE	ART. NR	PAGE
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3033570	18	3035480	40	3070210	148	3075320	156	3080420	69
3033580	18	3035500	40	3070220	148	3075330	156	3080430	69
3033582	18	3035510	40	3070230	148	3078000	61	3080440	69
3033610	18	3035580	41	3070250	148	3078010	61	3080450	68
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3033632	18	3035610	41	3070270	148	3078030	61	3080470	68
3033660	19	3035620	41	3070280	148	3078500	52	3080480	46
3033680	19	3035630	41	3070300	148	3078503	53	3080490	46
3033682	19	3035640	41	3070310	148	3078510	52	3080500	46
3033760	19	3035650	41	3070320	148	3078513	53	3080510	70
3033780	19	3035660	34	3070330	148	3078520	52	3080520	70
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3034202	11	3035671	35	3070370	149	3078533	53	3080550	70
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3034220	11	3035720	36	3070400	150	3078543	53	3080570	46
3034230	11	3035730	37	3070410	150	3078550	52	3080580	46
3034240	11	3035740	37	3070420	150	3078560	52	3080590	46
3034242	11	3035750	37	3070430	150	3078570	52	3081330	160
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3034260	11	3035840	37	3070460	150	3078590	52	3085010	80
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3034302	12	3035940	40	3070500	150	3078610	52	3085140	78
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3034320	12	3035960	40	3070520	150	3078650	52	3085300	79
3034330	12	3035970	40	3070530	150	3078660	52	3085430	78
3034340	12	3035980	41	3070550	150	3078700	55	3085500	78
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3034430	13	3042680	99	3071330	160	3078810	54	3088010	140
3034440	13	3042690	99	3071360	160	3078820	54	3088020	140
3035000	34	3042700	99	3071370	160	3078830	54	3088030	140
3035010	34	3042710	99	3071380	160	3078840	54	3088040	145
3035020	34	3042720	99	3071390	160	3078850	54	3088050	140
3035030	34	3042980	109	3071400	160	3078860	54	3088060	140
3035030	36	3044910	109	3073500	74	3079410	155	3088070	140
3035040	34	3044930	109	3073503	75	3079420	155	3088080	140
3035050	34	3046060	109	3073510	74	3079450	155	3088090	145
3035050	36	3057800	22	3073513	75	3079460	155	3088100	140
3035060	34	3061180	171	3073520	74	3079600	154	3088110	140
3035061	34	3061190	171	3073523	75	3079610	154	3088120	140
3035070	34	3061220	171	3073530	74	3079640	154	3088130	140
3035071	34	3061250	171	3073533	75	3079650	154	3088140	145
3035080	35	3061270	171	3073540	74	3079680	154	3088150	141
3035090	35	3061280	171	3073543	75	3079690	154	3088160	141
3035100	35	3061410	90	3073550	74	3080000	47	3088170	141
3035101	35	3061420	90	3073560	74	3080010	47	3088180	141
3035110	34	3061430	90	3073570	74	3080020	47	3088200	141
3035110	35	3061490	90	3073580	74	3080030	46	3088210	141
3035110	36	3063010	119	3073590	74	3080040	46	3088220	141
3035110	37	3063550	118	3073600	74	3080050	46	3088230	141
3035120	34	3063560	118	3073603	75	3080060	48	3088250	141
3035120	35	3063570	118	3073610	74	3080070	48	3088260	141
3035120	36	3063580	118	3073613	75	3080080	48	3088270	141
3035120	37	3063610	120	3073650	74	3080100	69	3088280	141
3035130	35	3063620	120	3073660	74	3080110	69	3088400	141
3035140	35	3063630	120	3073700	77	3080120	69	3088410	141
3035150	35	3063640	120	3073710	77	3080130	68	3088420	141
3035160	35	3063650	120	3073720	77	3080140	68	3088430	141
3035170	35	3063710	120	3073730	77	3080150	68	3088500	142
3035180	35	3063720	120	3073740	77	3080160	47	3088510	142
3035190	35	3063730	120	3073750	77	3080170	47	3088520	142
3035200	35	3063740	120	3073760	77	3080180	47	3088530	142
3035210	38	3063900	176	3073800	76	3080190	46	3088840	141
3035220	38	3063910	176	3073810	76	3080200	46	3088850	141
3035230	38	3063940	177	3073820	76	3080210	46	3088860	141
3035240	38	3063950	177	3073830	76	3080220	69	3088870	141
3035260	38	3063960	178	3073840	76	3080230	69		
3035270	38	3063970	180	3073850	76	3080240	69		
3035280	39	3063980	180	3073860	76	3080300	70		
3035290	39	3063990	179	3073870	76	3080310	70		
3035300	39	3064000	179	3073880	76	3080320	70		
3035330	39	3064010	181	3073900	76	3080330	48		



SPECIFICATIONS / CONDITIONS OF SALE

The following notes are of a general nature only. Specific information regarding installation use and disposal appropriate to individual models is provided in the instruction leaflet packed with the product, or can be found on the relevant pages of this catalogue. The installation of these products should only be carried out by a competent person in accordance with the instructions supplied with the product.

Many of the products listed in this publication are subject of Patents or Patent Applications and/or Design Registration.

Unless otherwise stated all luminaires are supplied without lamps.

All goods are supplied subject to the Company's General Conditions of Sale which are available on request.

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Text and design: Lumiance, Haarlem | June 2006

MARKS



The CE marking is often regarded as a voluntary approval mark, but this is not correct. The CE mark is not checked by independent test houses. The CE marking only indicates that a product meets the minimum legal requirements in the opinion of the responsible producer. With lighting fixtures, this concerns electrical safety (Low Voltage Directive 73/23/EEC) and electromagnetic disturbance (EMC Directive 89/336/EEC). The legal requirements are less extensive and less detailed than the requirements used for voluntary certification.

DESIGN AWARDS



Industrie forum design (Hannover)



Red dot design award



Selected for the Dutch design collection

SAFETY MARKS



European Norms Electrical Certification



B.S.I. Kite Mark (U.K.)



NEMKO (Norway)



SEMKO (Sweden)

LUMINAIRE FEATURE ICONS



Tilt. Rotation from vertical to horizontal.



Turn. Rotation around the vertical axes.



Product suitable for direct mounting on normally flammable materials.



Product suitable for direct mounting on non-flammable materials only.



Product suitable for mounting in insulated ceilings.



Looping. Suitable for connection in parallel.



Class I - Fully functionally insulated and provided with earth connection



Class II - Double-insulated or provided with reinforced insulation, not earthed



Class III - Protection against electric shock dependent on connection to SELV chains (Safe Extra Low Voltage)



Passes the 850°C glow wire test with an extinction time of 30 seconds.



Product suitable for mounting in or on furniture made of materials of unknown properties.

■ New product

PROTECTION

The IP classification indicates the protection against the ingress of objects, dust and moisture:



Protected against objects larger than 12 mm.



Protected against objects larger than 12 mm.
Protected against dripping water at an angle of 60° from the vertical.



Protected against objects larger than 1 mm.
Protected against dripping water at an angle of 60° from the vertical.



Protected against objects larger than 1 mm.
Protected against splashing water.



Dust-tight
Protected against immersion (specified time and pressure).

The IK classification indicates the protection against mechanical impact:



Protected against 10J impact energy. (5 kg dropped from 0,2 m.).

