



LuxSpace Accent – the best energy- efficient range for retail applications

LuxSpace Accent

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energy-efficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite for fashion stores and Food recipes for supermarkets.

Benefits

- Attract shoppers with high-quality light
- Luminaire design blends discreetly into the store
- Good energy performance, matching CDM Elite while offering much longer lifetime and payback of the Total Cost of Ownership within three years

Features

- Efficacy of up to 100 lm/W, thanks to very Hi-LOR reflectors (90%)
- Lumen packages from 1200 to 4900 lm to match equivalent CDM 20/35/50/70 W MASTERColour Elite
- Choice of color temperatures: 2700, 3000 and 4000 K
- Color rendering index 80 and 90
- Narrow, medium, wide, very wide and oval beams available
- Passive cooling up to 4000 lm
- Dimmable versions
- Through-wiring and emergency lighting options

Application

- Retail: fashion and food stores

Specifications

Type	RS730B (mini, fixed version) RS731B (mini, adjustable version) RS740B (compact, fixed version) RS741B (compact, adjustable version) RS750B (performance, fixed version) RS751B (performance, adjustable version) RS752B (performance, elbow version)
Light source	Non-replaceable LED module
Power	Mini versions NB (LED11S): 15 to 18 W (depending on light colour) MB, WB (LED12S): 12 to 16 W (depending on light colour) Compact versions NB (LED20S): 27 W MB, WB (LED17S): 16 to 20 W (depending on light colour) MB, WB (LED27S): 25 to 32 W (depending on light colour) MB, WB (LED39S): 39 W Performance versions NB (LED40S): 55 W MB, WB, LIN (LED27S) (only in RS752B - elbow archetype): 24 to 31 W MB, WB, VWB, LIN (LED39S): 35 to 46 W (depending on light colour) MB, WB, VWB, LIN (LED49S): 47 to 56 W (depending on light colour)
Beam angle	Mini and compact versions NB (10°) MB (28°, +/- 2 degrees depending on lumen package) WB (36°, +/- 2 degrees depending on lumen package) LIN (oval lens) Performance versions NB (15°) MB (21°, +/- 2 degrees depending on lumen package) WB (30°, +/- 2 degrees depending on lumen package) VWB (53°, +/- 2 degrees depending on lumen package) WB LIN (WB + oval lens): 29 x 51° VWB LIN (VWB + oval lens): 46 x 60°

Luminous flux	Mini versions NB (LED11S): 1,000 lm MB, WB (LED12S): 1,200 lm Compact versions NB (LED20S): 1,600 to 2,100 lm (depending on light colour) MB, WB (LED17S): 1,600 to 1,800 lm (depending on light colour) MB, WB (LED27S): 2,500 to 2,900 lm (depending on light colour) MB, WB (LED39S): 3,200 to 4,200 lm Performance versions NB (LED40S): 20,000 to 30,000 cd in the axis (depending on light colour); 3,000 to 3,900 lm (depending on light colour) MB, WB, LIN (LED27S) (only in RS752B - elbow archetype): 2,500 to 2,900 lm (depending on light colour) MB, WB, VWB, LIN (LED39S): 3,500 to 4,000 lm (depending on light colour) MB, WB, VWB, LIN (LED49S): 4,300 to 4,900 lm (depending on light colour)
Light source colour	827, 830, 840, 930
Correlated Colour	2,700, 3,000 or 4,000 K
Temperature	
Colour Rendering Index	80 90
Standard deviation colour matching	3 (with a tolerance of +/- 0.005 on colour point measurement)
Lumen maintenance at median useful life*	L80
50,000 h Control gear failure rate at median useful life	5%
50,000 h Performance Ambient	+25 °C
Temperature Tq	
Operating temperature range	+10 to +40 °C
Driver failure rate	1% for 5,000 hours

LuxSpace Accent

Driver	Built-in
	External
Mains voltage	230 or 240 V/50-60 Hz
Dimming	Fix (PSE-E when DC compatible, PSU when NOT DC compatible)
	DALI (PSED-E when DC compatible, PSU when NOT DC compatible)
Material	Rings: metal
	Heatsink: die-cast aluminium
	Front cover: acrylic or glass
	Optic: plastic
Colour	Black (BK, RAL9004)
	White (WH, RAL9003)
	Silver (SI, RAL 9006 metalised grey)
	Mini and Compact fixed versions only: aluminium brushed (ALU)
	Compact adjustable versions only: aluminium brushed - black or aluminium brushed - white (ALU-BK or ALU-WH, outer rim: brushed aluminium; inner front housing: black or white)
	Other RAL colours available on request

Optical cover	Mini and compact versions Curved glass (for narrow beam)
	PMMA (for other beams)
	Performance versions Clear with jaws (medium beam)
	Clear with diffuser foil (for other beams)
Connection	Push-in connector or with pull relief (PI)
	Wieland/Adels compatible connector with cable length 0.5 m (CW)
Installation	Fixed with spring fasteners

Versions



LuxSpace Accent Mini G3 - LED Module, system flux 1100 lm



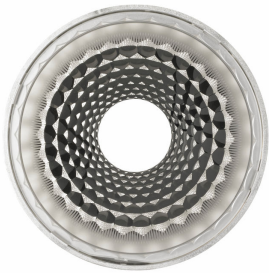
LuxSpace Accent Compact G3 - LED Module, system flux 3900 lm

Product details



Product details

IPDP_RS730Bi_0021-Detail photo



Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	WB
UL mark	No

Initial Performance (IEC Compliant)

Init. Colour rendering index	≥80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
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Application Conditions

Order Code	Full Product Name	Maximum dimming level
910500457288	RS731B LED12S/830 PSED-VLC-E WB WH	1%
910500457293	RS731B LED12S/840 PSE-E WB WH	-
910500457294	RS731B LED12S/840 PSED-VLC-E WB WH	1%
910500457337	RS741B LED27S/840 PSE-E WB WH	-
910500457640	RS741B LED17S/840 PSU-E WB WH	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
910500457288	RS731B LED12S/830 PSED-VLC-E WB WH	Yes
910500457293	RS731B LED12S/840 PSE-E WB WH	No
910500457294	RS731B LED12S/840 PSED-VLC-E WB WH	Yes

Order Code	Full Product Name	Dimmable
910500457337	RS741B LED27S/840 PSE-E WB WH	No
910500457640	RS741B LED17S/840 PSU-E WB WH	No

General Information

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Product family code
910500457288	RS731B LED12S/830 PSED-VLC-E WB WH	No	LED12S	RS731B
910500457293	RS731B LED12S/840 PSE-E WB WH	No	LED12S	RS731B
910500457294	RS731B LED12S/840 PSED-VLC-E WB WH	No	LED12S	RS731B

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Product family code
910500457337	RS741B LED27S/840 PSE-E WB WH	No	LED27S	RS741B
910500457640	RS741B LED17S/840 PSU-E WB WH	GC	LED17S	RS741B

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910500457288	RS731B LED12S/830 PSED-VLC-E WB WH	(0.43, 0.40) SDCM <3	3000 K	114 lm/W	1200 lm
910500457293	RS731B LED12S/840 PSE-E WB WH	(0.38, 0.38) SDCM <3	4000 K	119 lm/W	1250 lm
910500457294	RS731B LED12S/840 PSED-VLC-E WB WH	(0.38, 0.38) SDCM <3	4000 K	119 lm/W	1250 lm

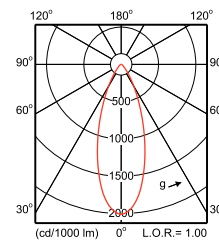
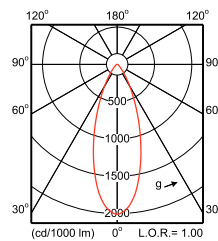
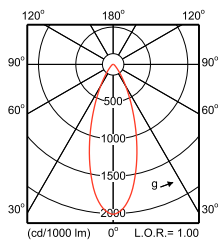
Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
910500457337	RS741B LED27S/840 PSE-E WB WH	(0.38, 0.38) SDCM <3	4000 K	133 lm/W	3000 lm
910500457640	RS741B LED17S/840 PSU-E WB WH	(0.38, 0.38) SDCM <3	4000 K	125 lm/W	1800 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910500457288	RS731B LED12S/830 PSED-VLC-E WB WH	9.9 W
910500457293	RS731B LED12S/840 PSE-E WB WH	12 W
910500457294	RS731B LED12S/840 PSED-VLC-E WB WH	12 W

Order Code	Full Product Name	Initial input power
910500457337	RS741B LED27S/840 PSE-E WB WH	22.5 W
910500457640	RS741B LED17S/840 PSU-E WB WH	14.4 W

Polar Wide Diagrams

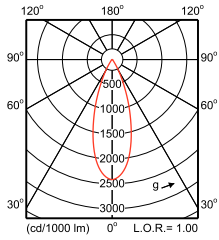


IFPS_RS731B 1xLED12S/840 WB-Polar Normal (separate)

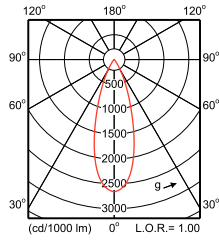
IFPS_RS731B 1xLED12S/930 WB-Polar Normal (separate)

IFPS_RS731B 1xLED12S/CRW WB-Polar Normal (separate)

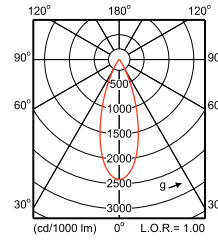
Polar Wide Diagrams



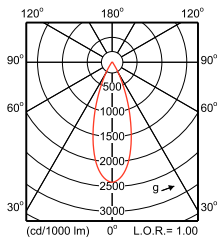
IFPS_RS741B 1xLED39S/840 WB-Polar Normal
(separate)



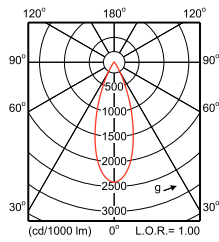
IFPS_RS741B 1xLED17S/840 WB-Polar Normal
(separate)



IFPS_RS741B 1xLED27S/840 WB-Polar Normal
(separate)



IFPS_RS741B 1xLED27S/CRW WB-Polar Normal
(separate)



IFPS_RS741B 1xLED27S/930 WB-Polar Normal
(separate)

