



High-performance LED Elbow spot

LuxSpace Accent Compact Elbow

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. Featuring an extremely compact and unobtrusive form factor, LuxSpace Accent Compact Elbow offers strong optical performance, as well as full aiming options. For fashion and food retailers, it is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light.

Benefits

- Very compact look and feel
- Strong optical performance

Features

- Combination of high flux with very small, passively cooled housing
- Improved PerfectBeam reflectors
- Dedicated light flavors and LED recipes
- 80° tilt angle

Application

- Food and fashion retail

Specifications

Type	RS742B
Light Source	Non-replaceable LED module

Power	NB (LED15S CRW): 26 W
	NB (LED20S): 25.5 W

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	MB, WB, VWB (LED12S): 6.6 to 14.6 W (depending on light colour)
	MB, WB, VWB (LED17S): 13 to 21 W (depending on light colour)
	MB, WB, VWB (LED19S FMT-Rosé): 31 W
	MB, WB, VWB (LED26S FMT-Rosé): 49.5 W
	MB, WB, VWB (LED27S): 21 to 51 W (depending on light colour)
	MB, WB, VWB (LED39S): 31 to 38.5W (depending on light colour)
Beam angle	NB (10°) MB (28°, ±2° depending on lumen package) WB (36°, ±2° depending on lumen package) VWB (60°, ±2° depending on lumen package) LIN (oval lens)
Luminous flux	NB (LED15S CRW): 1,550 lm NB (LED20S): 2,000 to 2,400 lm (depending on light colour) MB, WB, VWB (LED12S): 1,200 lm MB, WB, VWB (LED17S): 1,700 lm MB, WB, VWB (LED19S FMT-Rosé): 1,900 lm MB, WB, VWB (LED26S FMT-Rosé): 2,600 lm MB, WB, VWB (LED27S): 2,700 lm MB, WB, VWB (LED39S): 3,900 lm
Correlated Colour	2,700, 3,000, 4,000 K
Temperature	
Colour Rendering Index	80 90
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 +35 °C
Driver	Built-in
Mains voltage	230 or 240 V/50-60 Hz
Dimming	DALI
Material	Housing: die-cast aluminium Light cover: acrylic or glass Optic: plastic
Colour	Black (BK, RAL9004) White (WH, RAL9003) Grey, (SI, RAL9006) Other RAL colours available on request
Optical cover	Curved glass (narrow beam) Acrylic (other beams)
Connection	Push-in connector (PI) or with pull relief (PIP) Wieland/Adels push-in connector, 3-pole mains (and 2-pole control signal) (W)
Installation	Fixed with spring fasteners

Versions



LuxSpace Accent Compact Elbow RS742B recessed spotlight



LuxSpace Accent Compact Elbow RS742B recessed spotlight



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LuxSpace Accent Compact Elbow

Product details



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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)
Optical cover/lens type	No
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
Product Family Code	RS742B

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	≥80
Luminous flux tolerance	+/-10%

Application Conditions

Order Code	Full Product Name	Maximum dim level
16785100	RS742B LED17S/830 PSU-E WB WH	-
16788200	RS742B LED27S/FMT PSU-E VWB WH	-
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	1%
16792900	RS742B LED39S/PW930 PSU-E WB WH	-
16786800	RS742B LED19S/FMT PSU-E MB SI	-
16789900	RS742B LED27S/840 PSU-E VWB SI	-
16787500	RS742B LED20S/827 PSE-E NB BK	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
16785100	RS742B LED17S/830 PSU-E WB WH	No
16788200	RS742B LED27S/FMT PSU-E VWB WH	No
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	Yes
16792900	RS742B LED39S/PW930 PSU-E WB WH	No

Order Code	Full Product Name	Dimmable
16786800	RS742B LED19S/FMT PSU-E MB SI	No
16789900	RS742B LED27S/840 PSU-E VWB SI	No
16787500	RS742B LED20S/827 PSE-E NB BK	No

General Information (1/2)

Order Code	Full Product Name	Cap-Base	Gear	Glare shielding accessories	Lamp family code
16785100	RS742B LED17S/830 PSU-E WB WH	-	-	-	LED17S
16788200	RS742B LED27S/FMT PSU-E VWB WH	-	-	-	LED26S
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	-	-	No	LED39S
16792900	RS742B LED39S/PW930 PSU-E WB WH	-	-	-	LED39S

Order Code	Full Product Name	Cap-Base	Gear	Glare shielding accessories	Lamp family code
16786800	RS742B LED19S/FMT PSU-E MB SI	-	-	-	LED19S
16789900	RS742B LED27S/840 PSU-E VWB SI	-	-	-	LED27S
16787500	RS742B LED20S/827 PSE-E NB BK	-	-	-	LED20S

General Information (2/2)

LuxSpace Accent Compact Elbow

Order Code	Full Product Name	Optic type	UL mark
16785100	RS742B LED17S/830 PSU-E WB WH	WB	-
16788200	RS742B LED27S/FMT PSU-E VWB WH	VWB	-
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	VWB	-
16792900	RS742B LED39S/PW930 PSU-E WB WH	WB	-

Order Code	Full Product Name	Optic type	UL mark
16786800	RS742B LED19S/FMT PSU-E MB SI	MB	-
16789900	RS742B LED27S/840 PSU-E VWB SI	VWB	-
16787500	RS742B LED20S/827 PSE-E NB BK	NB	-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Product Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
16785100	RS742B LED17S/830 PSU-E WB WH	(0.43, 0.40) SDCM <3	3000 K	118.05555555555556 lm/W	1700 lm
16788200	RS742B LED27S/FMT PSU-E VWB WH	(0.40, 0.33) SDCM <3	3000 K	68.35443037974683 lm/W	2700 lm
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	(0.43, 0.40) SDCM <3	3000 K	123.80952380952381 lm/W	3900 lm
16792900	RS742B LED39S/PW930 PSU-E WB WH	(0.42, 0.39) SDCM <3	3000 K	101.2987012987013 lm/W	3900 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Product Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
16786800	RS742B LED19S/FMT PSU-E MB SI	(0.40, 0.33) SDCM <3	3000 K	70.37037037037037 lm/W	1900 lm
16789900	RS742B LED27S/840 PSU-E VWB SI	(0.38, 0.38) SDCM <3	4000 K	133.33333333333334 lm/W	3000 lm
16787500	RS742B LED20S/827 PSE-E NB BK	(0.46, 0.41) SDCM <3	2700 K	99.48979591836734 lm/W	1950 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
16785100	RS742B LED17S/830 PSU-E WB WH	14.4 W
16788200	RS742B LED27S/FMT PSU-E VWB WH	39.5 W
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	31.5 W
16792900	RS742B LED39S/PW930 PSU-E WB WH	38.5 W

Order Code	Full Product Name	Initial input power
16786800	RS742B LED19S/FMT PSU-E MB SI	27 W
16789900	RS742B LED27S/840 PSU-E VWB SI	22.5 W
16787500	RS742B LED20S/827 PSE-E NB BK	19.6 W

Mechanical and Housing

Order Code	Full Product Name	Colour
16785100	RS742B LED17S/830 PSU-E WB WH	White
16788200	RS742B LED27S/FMT PSU-E VWB WH	White
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	White
16792900	RS742B LED39S/PW930 PSU-E WB WH	White

Order Code	Full Product Name	Colour
16786800	RS742B LED19S/FMT PSU-E MB SI	Silver
16789900	RS742B LED27S/840 PSU-E VWB SI	Silver
16787500	RS742B LED20S/827 PSE-E NB BK	Black

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median useful life	
		life L80B50	life L90B50
16785100	RS742B LED17S/830 PSU-E WB WH	-	-
16788200	RS742B LED27S/FMT PSU-E VWB WH	-	-
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	50000 h	25000 h

Order Code	Full Product Name	Median useful life	
		life L80B50	life L90B50
16792900	RS742B LED39S/PW930 PSU-E WB WH	-	-
16786800	RS742B LED19S/FMT PSU-E MB SI	-	-
16789900	RS742B LED27S/840 PSU-E VWB SI	-	-
16787500	RS742B LED20S/827 PSE-E NB BK	-	-

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