



High-performance LED Elbow spot

LuxSpace Accent Compact Elbow Gen1

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 Temperature	2,700, 3,000, 4,000 K
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 Temperature Tq	+25 °C
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 G3



LuxSpace Accent Compact G3



LuxSpace Accent Compact G3

LuxSpace Accent Compact Elbow Gen1

Product details



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LuxSpace_Accent_Compact_Elbow_RS742B_WH-DP05.tif

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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
Optical cover/lens type	No
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Product family code	RS742B

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Order Code	Full Product Name	Driver failure rate at 5,000 hours
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	0.05 %
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	-

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level	Suitable for random switching
16785100	RS742B LED17S/830 PSU-E WB WH	+10 to +40 °C	-	Yes
16788200	RS742B LED27S/FMT PSU-E VWB WH	+10 to +35 °C	Not applicable	No
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	+10 to +40 °C	1%	Yes
16792900	RS742B LED39S/PW930 PSU-E WB WH	+10 to +40 °C	-	No

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level	Suitable for random switching
16786800	RS742B LED19S/FMT PSU-E MB SI	+10 to +35 °C	Not applicable	No
16789900	RS742B LED27S/840 PSU-E VWB SI	+10 to +40 °C	-	Yes
16787500	RS742B LED20S/827 PSE-E NB BK	+10 to +40 °C	-	Yes

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	Glow-wire test
16785100	RS742B LED17S/830 PSU-E WB WH	-	-	-	Temperature 650 °C, duration 5 s

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Order Code	Full Product Name	Cap	Glare-shielding		Glow-wire test
		base	Gear	accessories	
16788200	RS742B LED27S/FMT PSU-E VWB WH	-	-	-	Temperature 650 °C, duration 30 s
16791200	RS742B LED39S/830 PSED- VLC-E VWB WH	-	-	No	Temperature 650 °C, duration 5 s
16792900	RS742B LED39S/ PW930 PSU-E WB WH	-	-	-	Temperature 650 °C, duration 5 s

General Information (2/2)

Order Code	Full Product Name	Lamp family		Optic		UL mark
		code		type		
16785100	RS742B LED17S/830 PSU-E WB WH	LED17S		WB		-
16788200	RS742B LED27S/FMT PSU-E VWB WH	LED26S		VWB		-
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	LED39S		VWB		No
16792900	RS742B LED39S/PW930 PSU-E WB WH	LED39S		WB		-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Init. Colour rendering index	Initial LED luminaire efficacy
			Colour Temperature			
16785100	RS742B LED17S/830 PSU-E WB WH	(0.43, 0.40) SDCM <3	3000 K		≥80	118 lm/W
16788200	RS742B LED27S/FMT PSU-E VWB WH	(0.406, 0.350) SDCM<3	3000 K		≥85	77 lm/W
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	(0.43, 0.40) SDCM <3	3000 K		≥80	124 lm/W
16792900	RS742B LED39S/ PW930 PSU-E WB WH	(0.42, 0.39) SDCM <3	3000 K		≥80	101 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous		Initial input power
		flux		
16785100	RS742B LED17S/830 PSU-E WB WH	1700 lm		14.4 W

Order Code	Full Product Name	Cap		Glare-shielding		Glow-wire test
		base	Gear	accessories		
16786800	RS742B LED19S/FMT PSU-E MB SI	-	-	-		Temperature 650 °C, duration 30 s
16789900	RS742B LED27S/840 PSU-E VWB SI	-	-	-		Temperature 650 °C, duration 5 s
16787500	RS742B LED20S/827 PSE-E NB BK	-	-	-		Temperature 650 °C, duration 5 s

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

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Init. Colour rendering index	Initial LED luminaire efficacy
			Colour Temperature			
16786800	RS742B LED19S/FMT PSU-E MB SI	(0.406, 0.350) SDCM<3	3000 K		≥85	86 lm/W
16789900	RS742B LED27S/840 PSU-E VWB SI	(0.38, 0.38) SDCM <3	4000 K		≥80	133 lm/W
16787500	RS742B LED20S/827 PSE-E NB BK	(0.46, 0.41) SDCM <3	2700 K		≥80	99 lm/W

Order Code	Full Product Name	Initial luminous		Initial input power
		flux		
16788200	RS742B LED27S/FMT PSU-E VWB WH	2700 lm		35 W

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Order Code	Full Product Name	Initial luminous flux	Initial input power
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	3900 lm	31.5 W
16792900	RS742B LED39S/PW930 PSU-E WB WH	3900 lm	38.5 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
16786800	RS742B LED19S/FMT PSU-E MB SI	1900 lm	22 W
16789900	RS742B LED27S/840 PSU-E VWB SI	3000 lm	22.5 W
16787500	RS742B LED20S/827 PSE-E NB BK	1950 lm	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 RAL 9003
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 RAL 9006
16789900	RS742B LED27S/840 PSU-E VWB SI	Silver
16787500	RS742B LED20S/827 PSE-E NB BK	Black

