



# 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)
<b>Beam angle</b>	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)
<b>Luminous flux</b>	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
<b>Correlated Colour Temperature</b>	2,700, 3,000, 4,000 K
<b>Colour Rendering Index</b>	80
	90
<b>Lumen maintenance at median useful life*</b>	L80
	50,000 h

<b>Control gear failure rate at median useful life</b>	5%
<b>50,000 h</b>	
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	+10 to +35 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	230 or 240 V/50-60 Hz
<b>Dimming</b>	DALI
<b>Material</b>	Housing: die-cast aluminium
	Light cover: acrylic or glass
	Optic: plastic
<b>Colour</b>	Black (BK, RAL9004)
	White (WH, RAL9003)
	Grey, (SI, RAL9006)
	Other RAL colours available on request
<b>Optical cover</b>	Curved glass (narrow beam)
	Acrylic (other beams)
<b>Connection</b>	Push-in connector (PI) or with pull relief (PIP)
	Wieland/Adels push-in connector, 3-pole mains (and 2-pole control signal) (W)
<b>Installation</b>	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-DP03.tif



LuxSpace\_Accent\_Compact\_Elbow\_RS742B\_WH-DP04.tif



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# LuxSpace Accent Compact Elbow Gen1

## 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
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	-
41163300	RS742B LED27S/PC930 PSU-E MB WH	0.05 %
41164000	RS742B LED39S/PC930 PSU-E MB WH	0.05 %
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
41163300	RS742B LED27S/PC930 PSU-E MB WH	+10 to +40 °C	-	Yes

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level	Suitable for random switching
41164000	RS742B LED39S/PC930 PSU-E MB WH	+10 to +40 °C	-	Yes
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
41163300	RS742B LED27S/PC930 PSU-E MB WH	Yes

Order Code	Full Product Name	Dimmable
41164000	RS742B LED39S/PC930 PSU-E MB WH	Yes
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)

# LuxSpace Accent Compact Elbow Gen1

Order Code	Full Product Name	Cap base	Glare-shielding		Glow-wire test
			Gear	accessories	
16785100	RS742B LED17S/830 PSU-E WB WH	-	-	-	650/5
16788200	RS742B LED27S/FMT PSU-E VWB WH	-	-	-	650/30
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	-	-	No	650/5
16792900	RS742B LED39S/PW930 PSU-E WB WH	-	-	-	650/5
41163300	RS742B LED27S/PC930 PSU-E MB WH	-	-	No	650/5

Order Code	Full Product Name	Cap base	Glare-shielding		Glow-wire test
			Gear	accessories	
41164000	RS742B LED39S/PC930 PSU-E MB WH	-	-	No	650/5
16786800	RS742B LED19S/FMT PSU-E MB SI	-	-	-	650/30
16789900	RS742B LED27S/840 PSU-E VWB SI	-	-	-	650/5
16787500	RS742B LED20S/827 PSE-E NB BK	-	-	-	650/5

## General Information (2/2)

Order Code	Full Product Name	Lamp family code	Optic type	UL mark
16788200	RS742B LED27S/FMT PSU-E VWB WH	LED26S	VWB	-
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	LED39S	VWB	-
16792900	RS742B LED39S/PW930 PSU-E WB WH	LED39S	WB	-
41163300	RS742B LED27S/PC930 PSU-E MB WH	LED27S	MB	-

Order Code	Full Product Name	Lamp family code	Optic type	UL mark
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	-

## Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Init. LED luminaire efficacy
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

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Init. LED luminaire efficacy
41164000	RS742B LED39S/PC930 PSU-E MB WH	(0.43, 0.40) SDCM <3	3000 K	≥90	95.1219512195122 lm/W
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

# LuxSpace Accent Compact Elbow Gen1

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
16787500	RS742B LED20S/82	(0.46, 0.41)	2700 K	≥80	99 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
	7 PSE-E NB				BK

## Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
16785100	RS742B LED17S/830 PSU-E WB WH	1700 lm	14.4 W
16788200	RS742B LED27S/FMT PSU-E VWB WH	2700 lm	35 W
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
41163300	RS742B LED27S/PC930 PSU-E MB WH	2700 lm	30 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
41164000	RS742B LED39S/PC930 PSU-E MB WH	3900 lm	41 W
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
41163300	RS742B LED27S/PC930 PSU-E MB WH	White

Order Code	Full Product Name	Colour
41164000	RS742B LED39S/PC930 PSU-E MB WH	White
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

