



# 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 color)
	MB, WB, VWB (LED17S): 13 to 21 W (depending on light color)
	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 color)
	MB, WB, VWB (LED39S): 31 to 38.5W (depending on light color)
<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): 1550 lm
	NB (LED20S): 2000 to 2400 lm (depending on light color)
	MB, WB, VWB (LED12S): 1200 lm
	MB, WB, VWB (LED17S): 1700 lm
	MB, WB, VWB (LED19S FMT-Rosé): 1900 lm
	MB, WB, VWB (LED26S FMT-Rosé): 2600 lm
	MB, WB, VWB (LED27S): 2700 lm
	MB, WB, VWB (LED39S): 3900 lm
<b>Correlated Color Temperature</b>	2700, 3000, 4000 K
<b>Color Rendering Index</b>	80
	90
<b>Lumen maintenance at median useful life*</b>	L80
	50000 h

<b>Control gear failure rate at median useful life</b>	5%
<b>50000 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 aluminum
	Light cover: acrylic or glas
	Optic: plastic
<b>Color</b>	Black (BK, RAL9004)
	White (WH, RAL9003)
	Grey, (SI, RAL9006)
	Other RAL colors 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>	Fixation by means of spring fasteners

## Versions



LuxSpace Accent Compact G3

# LuxSpace Accent Compact Elbow Gen1

## Product details



LuxSpace\_Accent\_Compact\_Elbow\_RS742B\_WH-DP01.tif



LuxSpace\_Accent\_Compact\_Elbow\_RS742B\_WH-DP02.tif



LuxSpace\_Accent\_Compact\_Elbow\_RS742B\_WH-DP03.tif



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



LuxSpace\_Accent\_Compact\_Elbow\_RS742B\_WH-DP05.tif

LuxSpace Accent Compact Elbow Gen1

Application conditions	
Ambient temperature range	+10 to +40 °C
Approval and application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Operating and electrical	
Input Voltage	220 to 240 V
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
Lamp family code	LED39S
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Product Family Code	RS742B
Initial performance (IEC compliant)	
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial luminous flux	3900 lm
Luminous flux tolerance	+/-10%
Mechanical and housing	
Color	White

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Order Code	Full Product Name	Driver failure rate at 5000 h
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	0.05 %
16792900	RS742B LED39S/PW930 PSU-E WB WH	-

Application conditions

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	1%	Yes

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
16792900	RS742B LED39S/PW930 PSU-E WB WH	-	No

Controls and dimming

Order Code	Full Product Name	Dimmable
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	Yes

Order Code	Full Product Name	Dimmable
16792900	RS742B LED39S/PW930 PSU-E WB WH	No

General information (1/2)

Order Code	Full Product Name	Cap-Base	Gear	Glare shielding accessories	Optic type
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	-	-	No	VWB

Order Code	Full Product Name	Cap-Base	Gear	Glare shielding accessories	Optic type
16792900	RS742B LED39S/PW930 PSU-E WB WH	-	-	-	WB

# LuxSpace Accent Compact Elbow Gen1

## General information (2/2)

Order Code	Full Product Name	UL mark
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	-

Order Code	Full Product Name	UL mark
16792900	RS742B LED39S/PW930 PSU-E WB WH	-

## Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticity	Initial LED	Initial input power
			luminaire efficacy	
16791200	RS742B LED39S/830 PSED-VLC-E VWB WH	(0.43, 0.40) SDCM <3	124 lm/W	31.5 W
16792900	RS742B LED39S/PW930 PSU-E WB WH	(0.42, 0.39) SDCM <3	101 lm/W	38.5 W

