



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 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)
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): 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
Correlated Color	2700, 3000, 4000 K
Temperature	
Color Rendering Index	80
	90
Lumen maintenance at median useful life*	L80
50000 h	

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

Versions



LuxSpace Accent Compact Elbow
RS742B recessed spotlight



LuxSpace Accent Compact Elbow
RS742B recessed spotlight



LuxSpace Accent Compact Elbow
RS742B recessed spotlight

LuxSpace Accent Compact Elbow

Product details



LuxSpace Compact Elbow, fully recessed



LuxSpace Compact Elbow, fully extracted, back face



LuxSpace Compact Elbow, fully recessed, back face



LuxSpace Compact Elbow, fully extracted, front face



LuxSpace Compact Elbow, fully recessed, front face

LuxSpace Accent Compact Elbow

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
Optical cover/lens type	-
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1 pc
Product Family Code	RS742B

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Application Conditions

Order Code	Full Product Name	Maximum dim level
910500459490	RS742B LED17S/830 PSU-E WB WH	-
910500459493	RS742B LED27S/FMT PSU-E VWB WH	-
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	1%
910500459497	RS742B LED39S/PW930 PSU-E WB WH	-
910500465697	RS742B LED27S/PC930 PSU-E MB WH	-
910500465698	RS742B LED39S/PC930 PSU-E MB WH	-
910500459491	RS742B LED19S/FMT PSU-E MB SI	-
910500459494	RS742B LED27S/840 PSU-E VWB SI	-
910500459492	RS742B LED20S/827 PSE-E NB BK	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
910500459490	RS742B LED17S/830 PSU-E WB WH	No
910500459493	RS742B LED27S/FMT PSU-E VWB WH	No
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	Yes
910500459497	RS742B LED39S/PW930 PSU-E WB WH	No
910500465697	RS742B LED27S/PC930 PSU-E MB WH	Yes

Order Code	Full Product Name	Dimmable
910500465698	RS742B LED39S/PC930 PSU-E MB WH	Yes
910500459491	RS742B LED19S/FMT PSU-E MB SI	No
910500459494	RS742B LED27S/840 PSU-E VWB SI	No
910500459492	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
910500459490	RS742B LED17S/830 PSU-E WB WH	-	-	-	LED17S
910500459493	RS742B LED27S/FMT PSU-E VWB WH	-	-	-	LED26S
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	-	-	-	LED39S

Order Code	Full Product Name	Cap-Base	Gear	Glare shielding accessories	Lamp family code
910500459497	RS742B LED39S/PW930 PSU-E WB WH	-	-	-	LED39S
910500465697	RS742B LED27S/PC930 PSU-E MB WH	-	-	-	LED27S
910500465698	RS742B LED39S/PC930 PSU-E MB WH	-	-	-	LED39S

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Order Code	Full Product Name	Cap-			Lamp family code
		Base	Gear	shielding accessories	
910500459491	RS742B LED19S/FMT PSU-E MB SI	-	-	-	LED19S
910500459494	RS742B LED27S/840 PSU-E VWB SI	-	-	-	LED27S

Order Code	Full Product Name	Cap-			Lamp family code
		Base	Gear	shielding accessories	
910500459492	RS742B LED20S/827 PSE-E NB BK	-	-	-	LED20S

General Information (2/2)

Order Code	Full Product Name	Optic type	UL mark
910500459490	RS742B LED17S/830 PSU-E WB WH	Wide beam	-
910500459493	RS742B LED27S/FMT PSU-E VWB WH	Very wide beam	-
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	Very wide beam	-
910500459497	RS742B LED39S/PW930 PSU-E WB WH	Wide beam	-

Order Code	Full Product Name	Optic type	UL mark
910500465697	RS742B LED27S/PC930 PSU-E MB WH	Medium beam	-
910500465698	RS742B LED39S/PC930 PSU-E MB WH	Medium beam	-
910500459491	RS742B LED19S/FMT PSU-E MB SI	Medium beam	-
910500459494	RS742B LED27S/840 PSU-E VWB SI	Very wide beam	-
910500459492	RS742B LED20S/827 PSE-E NB BK	Narrow beam	-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910500459490	RS742B LED17S/830 PSU-E WB WH	(0.43, 0.40)	3000 K	≥80	118.05555555555556 lm/W
910500459493	RS742B LED27S/FMT PSU-E VWB WH	(0.40, 0.33)	3000 K	≥80	68.35443037974683 lm/W
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	(0.43, 0.40)	3000 K	≥80	123.80952380952381 lm/W
910500459497	RS742B LED39S/PW930 PSU-E WB WH	(0.42, 0.39)	3000 K	≥80	101.2987012987013 lm/W
910500465697	RS742B LED27S/PC930 PSU-E MB WH	(0.43, 0.40)	3000 K	≥90	90 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910500465698	RS742B LED39S/PC930 PSU-E MB WH	(0.43, 0.40)	3000 K	≥90	95.1219512195122 lm/W
910500459491	RS742B LED19S/FMT PSU-E MB SI	(0.40, 0.33)	3000 K	≥80	70.37037037037037 lm/W
910500459494	RS742B LED27S/840 PSU-E VWB SI	(0.38, 0.38)	4000 K	≥80	133.33333333333334 lm/W
910500459492	RS742B LED20S/827 PSE-E NB BK	(0.46, 0.41)	2700 K	≥80	99.48979591836734 lm/W

Initial Performance (IEC Compliant) (2/2)

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Order Code	Full Product Name	Initial luminous flux	Initial input power
910500459490	RS742B LED17S/830 PSU-E WB WH	1700 lm	14.4 W
910500459493	RS742B LED27S/FMT PSU-E VWB WH	2700 lm	39.5 W
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	3900 lm	31.5 W
910500459497	RS742B LED39S/PW930 PSU-E WB WH	3900 lm	38.5 W
910500465697	RS742B LED27S/PC930 PSU-E MB WH	2700 lm	30 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
910500465698	RS742B LED39S/PC930 PSU-E MB WH	3900 lm	41 W
910500459491	RS742B LED19S/FMT PSU-E MB SI	1900 lm	27 W
910500459494	RS742B LED27S/840 PSU-E VWB SI	3000 lm	22.5 W
910500459492	RS742B LED20S/827 PSE-E NB BK	1950 lm	19.6 W

Mechanical and Housing

Order Code	Full Product Name	Color
910500459490	RS742B LED17S/830 PSU-E WB WH	White
910500459493	RS742B LED27S/FMT PSU-E VWB WH	White
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	White
910500459497	RS742B LED39S/PW930 PSU-E WB WH	White
910500465697	RS742B LED27S/PC930 PSU-E MB WH	White

Order Code	Full Product Name	Color
910500465698	RS742B LED39S/PC930 PSU-E MB WH	White
910500459491	RS742B LED19S/FMT PSU-E MB SI	Silver
910500459494	RS742B LED27S/840 PSU-E VWB SI	Silver
910500459492	RS742B LED20S/827 PSE-E NB BK	Black

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median useful life L80B50	Median useful life L90B50
910500459490	RS742B LED17S/830 PSU-E WB WH	-	-
910500459493	RS742B LED27S/FMT PSU-E VWB WH	-	-
910500459496	RS742B LED39S/830 PSED-VLC-E VWB WH	50000 h	25000 h
910500459497	RS742B LED39S/PW930 PSU-E WB WH	-	-

Order Code	Full Product Name	Median useful life L80B50	Median useful life L90B50
910500465697	RS742B LED27S/PC930 PSU-E MB WH	50000 h	25000 h
910500465698	RS742B LED39S/PC930 PSU-E MB WH	50000 h	25000 h
910500459491	RS742B LED19S/FMT PSU-E MB SI	-	-
910500459494	RS742B LED27S/840 PSU-E VWB SI	-	-
910500459492	RS742B LED20S/827 PSE-E NB BK	-	-

