PHILIPS Lighting



LuxSpace Accent Compact Elbow Gen1

RS742B LED20S/827 PSE-E NB BK

LuxSpace Accent Compact Elbow Gen1, 19.6 W, 1950 lm, 2700 K, Narrow beam, Black

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 energyefficient 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.

Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	RS742B [LuxSpace Accent Compact G3]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

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Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,950 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	99 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	827 warm white
Optic type	Narrow beam
Optical cover type	-
Luminaire light beam spread	10°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Fixation material - Housing Color Black Optical cover finish Clear Overall length 179 mm		
Optical cover finish Clear	Fixation material	-
	Housing Color	Black
Overall length 179 mm	Optical cover finish	Clear
	Overall length	179 mm
Overall width 134 mm	Overall width	134 mm
Overall height 109 mm	Overall height	109 mm
Overall diameter 134 mm	Overall diameter	134 mm
Dimensions (Height x Width x Depth) 109 x 134 x 179 mm	Dimensions (Height x Width x Depth)	109 x 134 x 179 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Complia	nt)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.46, 0.41) SDCM <3	
Power consumption tolerance	+/-10%	

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

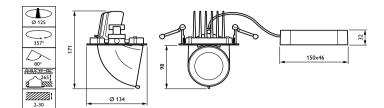
Order product name	RS742B LED20S/827 PSE-E NB BK
Full product name	RS742B LED20S/827 PSE-E NB BK
Full product code	871869916787500
Order code	16787500
Material Nr. (12NC)	910500459492
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699167875
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699167875

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	19.6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	30
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Control interface	-
Constant light output	No

Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Glass

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Dimensional drawing





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