



# 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 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.

#### **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	

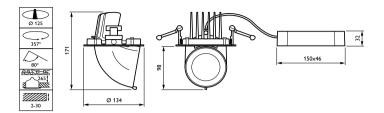
Datasheet, 2023, September 4 data subject to change

# LuxSpace Accent Compact Elbow Gen1

Glow-wire test	Temperature 650 °C, duration 5 s	Fixation material	-
EU RoHS compliant	Yes	Housing Color	Black
		Optical cover finish	Clear
Light Technical		Overall length	179 mm
Luminous Flux	1,950 lm	Overall width	134 mm
Correlated Color Temperature (Nom)	2700 K	Overall height	109 mm
Luminous Efficacy (rated) (Nom)	99 lm/W	Overall diameter	134 mm
Color rendering index (CRI)	≥80	Dimensions (Height x Width x Depth)	109 x 134 x 179 mm
Number of light sources	1		
Beam angle of light source	120 degree(s)	Approval and Application	
Light source color	827 warm white	Ingress protection code	IP20 [Finger-protected]
Optic type	Narrow beam	Mech. impact protection code	IKO2 [0.2 J standard]
Optical cover type	-	Sustainability rating	-
Luminaire light beam spread	10°	Protection class IEC	Safety class II
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.46, 0.41) SDCM <3
Initial CLO power consumption	- W	Power consumption tolerance	+/-10%
Average CLO power consumption	- W		
Inrush current	14.5 A	Over Time Performance (IEC Compliant)	
Inrush time	0.22 ms	Control gear failure rate at median useful 5 %	
Power Consumption	19.6 W	life 50000 h	
Power Factor (Fraction)	0.9	Lumen maintenance at median useful life	* L80
Connection	Push-in connector and pull relief	50000 h	
Cable	-		
Number of products on MCB of 16 A type	30	Application Conditions	
В		Performance ambient temperature Tq	25 °C
		Suitable for random switching	Yes
Temperature			
Ambient temperature range	+10 to +40 °C	Product Data	
		Order product name	RS742B LED20S/827 PSE-E NB BK
Controls and Dimming		Full product name	RS742B LED20S/827 PSE-E NB BK
Dimmable	No	Full product code	871869916787500
Driver/power unit/transformer	Power supply unit DC compatible, external	Order code	910500459492
Control interface	-	Material Nr. (12NC)	910500459492
Constant light output	No	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718699167875
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718699167875
Reflector material	Polycarbonate aluminum coated		
Optic material	Polycarbonate		
Optical cover material	Glass		

# **LuxSpace Accent Compact Elbow Gen1**

### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.