PHILIPS Lighting



LuxSpace Accent Compact Elbow Gen1

RS742B LED27S/840 PSU-E VWB SI

LuxSpace Accent Compact Elbow Gen1, 22.5 W, 3000 lm, 4000 K, Very wide beam, Silver

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	LED27S [LED Module, system flux 2700 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for

	example, the 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

LuxSpace Accent Compact Elbow Gen1

ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	133 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Very wide beam
Optical cover type	_
Luminaire light beam spread	60°

Fixation material	-
Housing Colour	Silver
Optical cover/lens finish	Clear
Overall length	179 mm
Overall width	134 mm
Overall height	109 mm
Overall diameter	134 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 Compl	iant)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	

Application Conditions

Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes

Product Data

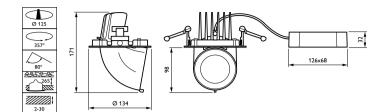
Order product name	RS742B LED27S/840 PSU-E VWB SI
Full product name	RS742B LED27S/840 PSU-E VWB SI
Full EOC	871869916789900
Order code	16789900
Material no. (12 NC)	910500459494
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699167899
Numerator – packs per outer box	1
EAN/UPC - Case	8718699167899

Operating and ElectricalInput Voltage220 to 240 VLine Frequency50 to 60 HzInitial CLO power consumption- WAverage CLO power consumption- WInrush current6 AInrush time0.055 msPower Consumption22.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40B-Temperature+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo		
InpreventionInterventionLine Frequency50 to 60 HzInitial CLO power consumption- WAverage CLO power consumption- WInrush current6 AInrush current0.055 msPower Consumption22.5 WPower Consumption0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40B-Temperature+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo	Operating and Electrical	
Initial CLO power consumption- WAverage CLO power consumption- WInrush current6 AInrush time0.055 msPower Consumption22.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40BTemperatureControls and Dimming+10 to +40 °CDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo	Input Voltage	220 to 240 V
Average CLO power consumption- WInrush current6 AInrush time0.055 msPower Consumption22.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40B-TemperatureAmbient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo	Line Frequency	50 to 60 Hz
Inrush current6 AInrush time0.055 msPower Consumption22.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40B-Temperature-Ambient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo	Initial CLO power consumption	- W
Inrush time 0.055 ms Power Consumption 22.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 40 B - Temperature - Ambient temperature range +10 to +40 °C Controls and Dimming - Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Constant light output No	Average CLO power consumption	- W
Power Consumption 22.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 40 B - Temperature 40 Ambient temperature range +10 to +40 °C Controls and Dimming - Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Inrush current	6 A
Power Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type40B-Temperature+10 to +40 °CAmbient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit external (On/Off)Control interface-Constant light outputNo	Inrush time	0.055 ms
Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 40 B - Temperature - Ambient temperature range +10 to +40 °C Controls and Dimming No Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Power Consumption	22.5 W
Cable - Number of products on MCB of 16 A type 40 B - Temperature - Ambient temperature range +10 to +40 °C Controls and Dimming - Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type 40 B - Temperature - Ambient temperature range +10 to +40 °C Controls and Dimming - Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Connection	Push-in connector and pull relief
B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Cable	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No	Number of products on MCB of 16 A type	40
Ambient temperature range +10 to +40 °C Controls and Dimming	В	
Ambient temperature range +10 to +40 °C Controls and Dimming		
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Dimmable No Driver/power unit/transformer Power supply unit external (On/Off) Control interface - Constant light output No		
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Control interface - Constant light output No	Dimmable	No
Constant light output No	Driver/power unit/transformer	Power supply unit external (On/Off)
	Control interface	-
Mechanical and Housing	Constant light output	No
Mechanical and Housing		
	Mechanical and Housing	

Housing material Aluminium	
Reflector material Aluminium and polycarbonate	
Optic material Polycarbonate	
Optical cover/lens material Polycarbonate	

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Dimensional drawing





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