



CoreLine Recessed Spot

RS142B LED6-32-/827 PSR PI6 WH FR

CoreLine Recessed Spot, 8 W, 650 lm, 2700 K, Analogue, Beam angle 32°, White RAL9010

CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Product data

General Information		Warranty period	
Light source replaceable	No	Flammability mark	5 years
Number of gear units	Unit		For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	-
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.	Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes
Lighting Technology		Light Technical	
Lighting Technology	LED	Luminous Flux	650 lm
Value ladder	Performance	Correlated Colour Temperature	2700 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	82 lm/W
		Colour rendering index (CRI)	85
		Beam angle of light source	32 degree(s)
		Light source colour	827 warm white
		Optic type	Beam angle 32°

CoreLine Recessed Spot

Luminaire light beam spread	32°
Unified Glare Rating (CEN)	22

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	7 A
Inrush time	500 ms
Power Consumption	8 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	40

Temperature

Ambient temperature range	0 to +35 °C
---------------------------	-------------

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analogue
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White RAL9010
Optical cover/lens finish	Clear
Overall height	66.5 mm
Overall diameter	95 mm

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46, 0.41) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

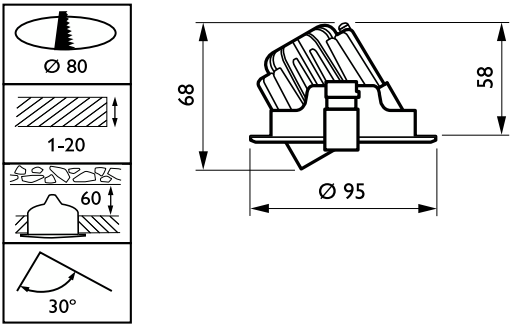
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Order product name	RS142B LED6-32-/827 PSR PI6 WH FR
Full product name	RS142B LED6-32-/827 PSR PI6 WH FR
Full EOC	871869938417399
Order code	38417399
Material no. (12 NC)	912401483119
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699384173
Numerator – packs per outer box	18
EAN/UPC - Case	8718699384258

Dimensional drawing



CoreLine Recessed Spot

