CoreLine Recessed Spot

RS141B LED6-32-/827 PSR PI6 ALU

LED Module 600 lm - 32 ° - 827 warm white - Power supply unit regulating - Push-in connector 6-pole - Aluminum

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

Number of light sources	1 [1 pc]
Lamp family code	LED6 [LED Module 600 lm]
Beam angle of light source	32 °
Light source colour	827 warm white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optic type	32 [Beam angle 32°]
Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]
Luminaire light beam spread	32°
Control interface	Analog
Connection	PI6 [Push-in connector 6-pole]

Cable	-
Protection class IEC	Safety class II (II)
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
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.
Constant light output	No

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Number of products on MCB	–
RoHS mark	RoHS mark

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	7 A
Inrush time	500 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Clear
Overall height	58 mm
Overall diameter	95 mm
Colour	Aluminum

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	650 lm
Luminous flux tolerance	+/–10%

Initial LED luminaire efficacy	65 lm/W
Init. Corr. colour temperature	2700 K
Init. colour rendering index	85
Initial chromaticity	(0.45, 0.40) SDCM <5
Initial input power	10 W
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

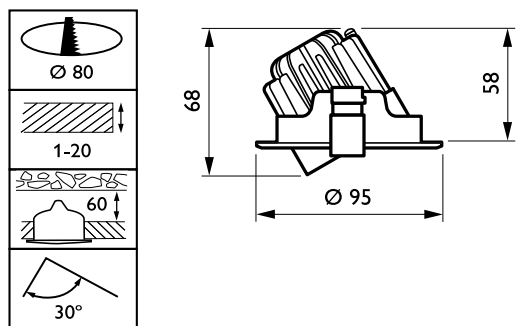|	
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	Yes

Product Data

Full product code	871869606906699
Order product name	RS141B LED6-32-/827 PSR PI6 ALU
EAN/UPC – product	8718696069066
Order code	06906699
Numerator – quantity per pack	1
Numerator – packs per outer box	18
Material no. (12NC)	910503910061
Net weight (piece)	0.500 kg

850°C   IK 02

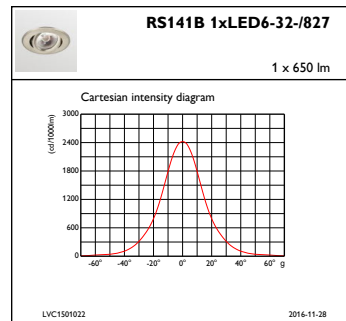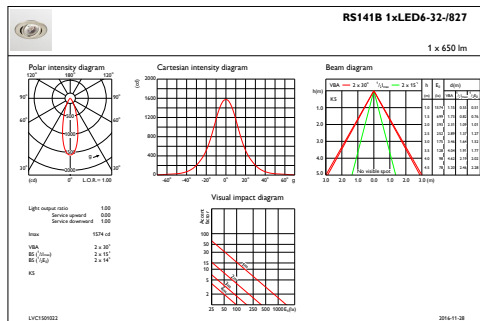## Dimensional drawing

Ø 80

1-20

60

30°

68   58

Ø 95

CoreLine RS140B/RS141B

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Photometric data

IFAS1_RS141B1xLED6-32-827

IFCC1_RS141B1xLED6-32-827

www.lighting.philips.com

2019, June 7 – data subject to change