CoreLine Recessed Spot

RS141B LED6-32-/827 PSR PI6 ALU

LED Module 600 lm, 32 degree(s), 827 warm white, Power supply unit regulating, Push-in connector 6-pole, Aluminum

CoreLine Recessed Spot delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. 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	
Lamp family code	LED6 [LED Module 600 lm]
Cap-Base	- [-]
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.
Lighting Technology	LED

Value ladder	Performance
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	650 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	65 lm/W
Color rendering index (CRI)	85
Number of light sources	1

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Beam angle of light source	32 degree(s)
Light source color	827 warm white
Optic type	Beam angle 32°
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	32°

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	10 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Aluminum
Optical cover finish	Clear
Overall height	58 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]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.45, 0.40) SDCM <5
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

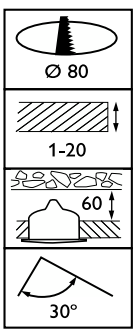
Application Conditions

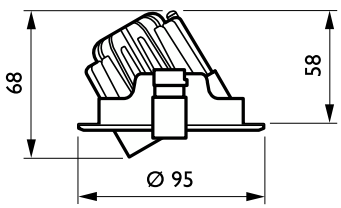
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Order product name	RS141B LED6-32-/827 PSR PI6 ALU
Full product name	RS141B LED6-32-/827 PSR PI6 ALU
Full product code	871869606906699
Order code	910503910061
Material Nr. (12NC)	910503910061
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696069066
Numerator - Packs per outer box	18
EAN/UPC - Case	8718696069189

Dimensional drawing





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www.lighting.philips.com
2023, December 5 - data subject to change