



# CoreLine Recessed Spot

## RS141B LED12-32-/830 PSR PI6 WH

CoreLine Recessed Spot, 16 W, 1200 lm, 3000 K, Analog, Beam angle 32°, White

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		Value ladder	
Lamp family code	LED12S [LED module, system flux 1200 lm]	CE mark	Performance
Cap-Base	- [-]	Warranty period	Yes
Light source replaceable	No	Flammability mark	3 years + 2 years upon registration
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	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.	Glow-wire test	Temperature 650 °C, duration 5 s
Lighting Technology	LED	EU RoHS compliant	Yes
Light Technical			
Luminous Flux	1,200 lm		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	75 lm/W		
Color rendering index (CRI)	85		

## CoreLine Recessed Spot

Number of light sources	1
Beam angle of light source	32 degree(s)
Light source color	830 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	16 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
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### 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 die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
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	(0.42, 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

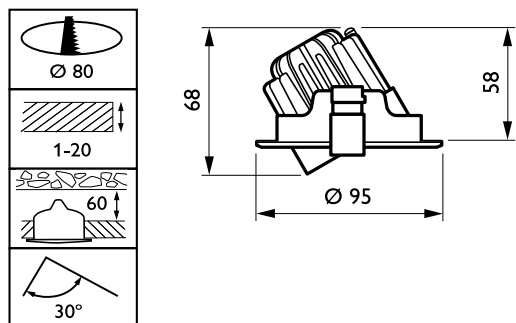
### Application Conditions

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

### Product Data

Order product name	RS141B LED12-32-/830 PSR PI6 WH
Full product name	RS141B LED12-32-/830 PSR PI6 WH
Full product code	871869607127499
Order code	910503910148
Material Nr. (12NC)	910503910148
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696071274
Numerator - Packs per outer box	18
EAN/UPC - Case	8718696071328

## Dimensional drawing



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