



# CoreLine Recessed Spot

## RS140B LED12-36-/840 PSR PI6 ALU

CoreLine Recessed Spot, 15 W, 1200 lm, 4000 K, Analogue, Beam angle 36°, Aluminium

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	1,200 lm
Value ladder	Performance	Correlated Colour Temperature	4000 K
CE mark	Yes	Luminous efficacy (rated) (nom.)	82 lm/W
		Colour rendering index (CRI)	85
		Beam angle of light source	36 degree(s)
		Light source colour	840 neutral white
		Optic type	Beam angle 36°

## CoreLine Recessed Spot

Luminaire light beam spread	36°
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	15 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
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### 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	Aluminium
Optical cover/lens finish	Clear
Overall height	59.5 mm
Overall diameter	95 mm

### Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-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	(0.38, 0.38) 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* L70	50,000 h

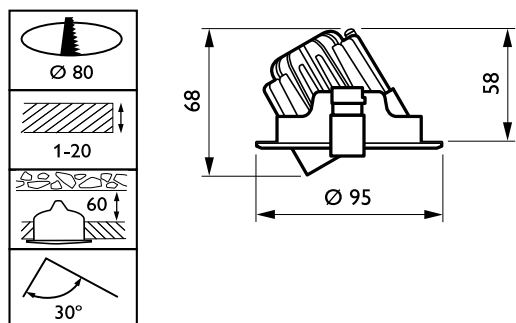
### Application Conditions

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

### Product Data

Order product name	RS140B LED12-36-/840 PSR PI6 ALU
Full product name	RS140B LED12-36-/840 PSR PI6 ALU
Full EOC	871869938424199
Order code	38424199
Material no. (12 NC)	912401483054
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699384241
Numerator – packs per outer box	18
EAN/UPC – Case	8718699384326

## Dimensional drawing



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