



CoreLine Recessed Spot

RS141B LED7-32-/830 PSR PI6 WH DT

CoreLine Recessed Spot, 16 W, 700 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		Performance		
Lamp family code	LED7S [LED Module, system flux 700 lm]	CE mark	Yes			
Cap-Base	- [-]	Warranty period	3 years + 2 years upon registration			
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces			
Number of gear units	1 unit	ENEC mark	-			
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s			
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	EU RoHS compliant	Yes			
Light Technical						
Luminous Flux		700 lm				
Correlated Color Temperature (Nom)		3000 K				
Luminous Efficacy (rated) (Nom)		44 lm/W				
Color rendering index (CRI)		85				

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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

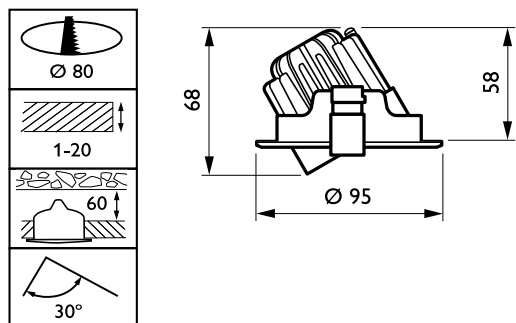
Application Conditions

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

Product Data

Order product name	RS141B LED7-32-/830 PSR PI6 WH DT
Full product name	RS141B LED7-32-/830 PSR PI6 WH DT
Full product code	871869607129899
Order code	910503910150
Material Nr. (12NC)	910503910150
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696071298
Numerator - Packs per outer box	18
EAN/UPC - Case	8718696071342

Dimensional drawing



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