



CoreLine Recessed Spot

RS141B LED12-36-/840 PSR PI6 WH

36 ° - 840 neutral white - Power supply unit regulating - Push-in connector 6-pole - White

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.

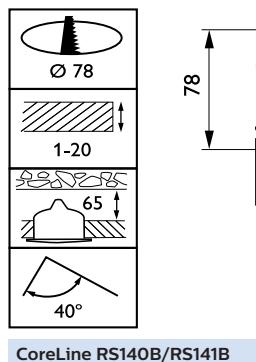
Product data

General Information		Flammability mark	F [For mounting on normally flammable surfaces]
Beam angle of light source	36 °	CE mark	CE mark
Light source colour	840 neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	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.
Driver/power unit/transformer	PSR [Power supply unit regulating]	Constant light output	No
Driver included	Yes	Number of products on MCB	-
Optic type	36 [Beam angle 36°]	RoHS mark	RoHS mark
Luminaire light beam spread	36°		
Control interface	Analog		
Connection	Push-in connector 6-pole		
Cable	-		
Protection class IEC	Safety class II		
Glow-wire test	Temperature 650 °C, duration 30 s		

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Unified glare rating CEN	22	Init. colour rendering index	85
Operating and Electrical		Initial chromaticity	(0.38, 0.38) SDCM <5
Input voltage	220 to 240 V	Initial input power	15 W
Input frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	7 A		
Inrush time	500 ms		
Power factor (min.)	0.9		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Housing material	Aluminium die-cast	Ambient temperature range	0 to +35 °C
Reflector material	Polycarbonate	Performance ambient temperature Tq	25 °C
Optic material	Polycarbonate	Maximum dimming level	10%
Optical cover/lens material	Polycarbonate	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Fixation material	Stainless steel		
Optical cover/lens finish	Clear		
Overall height	59.5 mm		
Overall diameter	95 mm		
Approval and Application			
Ingress protection code	IP44 [Wire-protected, splash-proof]	Full product code	871869938420399
Mech. impact protection code	IK02 [0.2 J standard]	Order product name	RS141B LED12-36-/840 PSR PI6 WH
		EAN/UPC – product	8718699384203
		Order code	38420399
		Numerator – quantity per pack	1
		Numerator – packs per outer box	18
		Material no. (12NC)	912401483042
		Net weight (piece)	0.440 kg
Initial Performance (IEC Compliant)			
Initial luminous flux	1200 lm		
Luminous flux tolerance	+/-10%		
Initial LED luminaire efficacy	82 lm/W		
Init. Corr. colour temperature	4000 K		

Dimensional drawing



CoreLine RS140B/RS141B

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2019, March 5 - data subject to change