



CoreLine Recessed Spot

RS141B LED6-32-/827 PSR PI6 ALU

32 ° - 827 warm white - Power supply unit regulating - Push-in connector 6-pole - Aluminum

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	
Beam angle of light source	32 °	Constant light output	No
Light source color	827 warm white	Number of products on MCB of 16 A type B -	
Light source replaceable	No	RoHS mark	RoHS mark
Number of gear units	1 unit	Operating and Electrical	
Driver/power unit/transformer	Power supply unit regulating	Input Voltage	220 to 240 V
Driver included	Yes	Input Frequency	50 to 60 Hz
Optic type	Beam angle 32°	Inrush current	7 A
Luminaire light beam spread	32°	Inrush time	500 ms
Control interface	Analog	Power Factor (Min)	0.9
Connection	Push-in connector 6-pole	Controls and Dimming	
Cable	-	Dimmable	Yes
Protection class IEC	Safety class II	Mechanical and Housing	
Glow-wire test	Temperature 650 °C, duration 30 s	Housing Material	Aluminum die-cast
Flammability mark	For mounting on normally flammable surfaces		
CE mark	CE mark		
ENEC mark	-		

CoreLine Recessed Spot

Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
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]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	650 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	82 lm/W
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	85
Initial chromaticity	(0.46, 0.41) SDCM <5
Initial input power	8 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.5 %
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Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

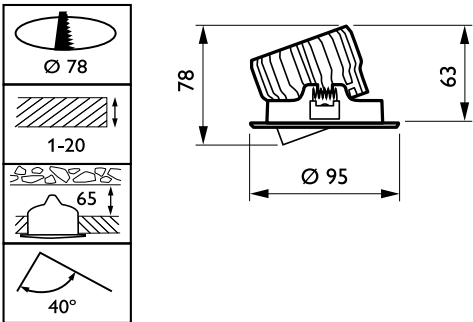
Ambient temperature range	0 to +35 °C
Maximum dim level	10%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869938290299
Order product name	RS141B LED6-32-/827 PSR PI6 ALU
EAN/UPC - Product	8718699382902
Order code	912401483048
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	912401483048
Net Weight (Piece)	0.331 kg



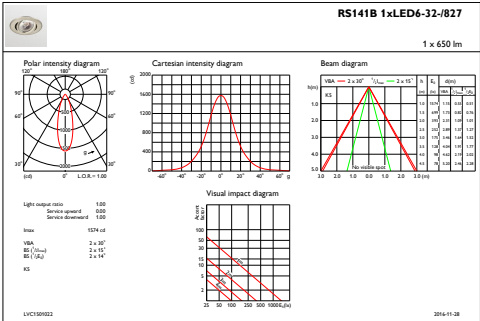
Dimensional drawing



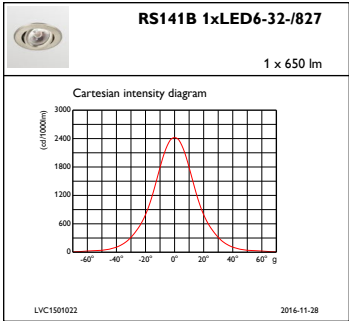
CoreLine RS140B/RS141B

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Photometric data



IFAS1_RS141B1xLED6-32-827



IFCC1_RS141B1xLED6-32-827

