



# CoreLine Recessed Spot gen2

## RS151B LED6-WB-/827 D78 PSR PI6 ALU

CoreLine Recessed Spot gen2, Adjustable, 7.2 W, D78 mm, 660 lm, 2700 K, Phase-cut dim, Wide beam, Aluminum, IP20/44

CoreLine Recessed Spot gen2 delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. Its modular design allows “configure to fit” option that better responds to your specific needs. The range offers a wide range choice on light color (CCT), light output, color finish, frame types and connectivity options. The compact and lite design of CoreLine Recessed Spot gen2, always incorporating a push in connector allowing through-wiring and supporting a wide range of wire diameters/cross-sectional area, makes installation hassle-free. High quality of light, numerous connectivity options, long luminaire lifetime and high system efficacy makes CoreLine Recessed Spot gen2 an ideal accent solution for your indoor spot lighting applications.

### Warnings and Safety

- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements, as per the product mounting instructions.

### Product data

<b>General Information</b>		<b>Warranty period</b>		5 years
Light source replaceable	Yes	<b>Flammability mark</b>		For mounting on normally flammable surfaces
Number of gear units	1 unit	<b>ENEC mark</b>		ENEC mark
Driver included	Yes	<b>Glow-wire test</b>		Temperature 650 °C, duration 30 s
Lighting Technology	LED	<b>EU RoHS compliant</b>		Yes
Value ladder	Performance			
CE mark	Yes			

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Light Technical	
Luminous Flux	660 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	827 warm white
Optic type	Wide beam
Luminaire light beam spread	38°
Unified glare rating CEN	21

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Average CLO power consumption	- W
Inrush current	2.5 A
Inrush time	0.1 ms
Power Consumption	7.2 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	Cable 0.25 m with connector 3-pole
Number of products on MCB of 16 A type B	40

Temperature	
Ambient temperature range	0 to +35 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Phase-cut dim
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel

Housing Color	Aluminum
Optical cover finish	-
Overall height	60 mm
Overall diameter	95 mm

Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46, 0.41) 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	70

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

Product Data	
Order product name	RS151B LED6-WB-/827 D78 PSR PI6 ALU
Full product name	RS151B LED6-WB-/827 D78 PSR PI6 ALU
Full product code	871951454815299
Order code	911401897882
Material Nr. (12NC)	911401897882
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514548152
Numerator - Packs per outer box	18
EAN/UPC - Case	8719514548411

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## Dimensional drawing

