



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

General Information	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Datasheet, 2024, March 21 data subject to change

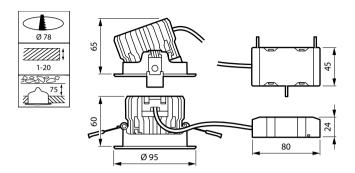
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Light Technical	
Luminous Flux	660 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic 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 ℃
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	5 %
50000 h	70
Lumen maintenance at median useful life*	70
50000 h	
Application Conditions	
Application Conditions	25 °C
Performance ambient temperature Tq	
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No
Product Data	
	DC151D LEDC WD /027 D70 DCD DIC ALLI
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	074054454045300
	871951454815299
Order code	911401897882
Material Nr. (12NC)	911401897882 911401897882
Material Nr. (12NC) Numerator - Quantity Per Pack	911401897882 911401897882 1
Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	911401897882 911401897882 1 8719514548152
Material Nr. (12NC) Numerator - Quantity Per Pack	911401897882 911401897882 1

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Dimensional drawing





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