



CoreLine Recessed Spot gen2

RS151B LED6-WB-/840 D78 PSR PI6 ALU

CoreLine Recessed Spot gen2, Adjustable, 7.2 W, D78 mm, 720 lm, 4000 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 loop in/out 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

Yes	
1 unit	
Yes	
LED	
Performance	
	1 unit Yes LED

Warranty period	5 years
Light Technical	
Luminous Flux	720 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W

Datasheet, 2025, January 11 data subject to change

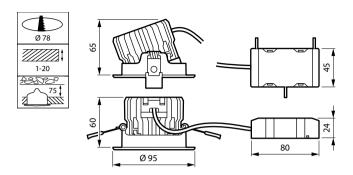
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Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s) 840 neutral white
Light source color	Wide beam
Optic type	38°
Luminaire light beam spread	
Unified glare rating CEN	21
Operating and Electrical	
Input Voltage	220 to 240 V
Line 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
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	45 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Phase-cut dim
Constant light output	No
Maximum dim level	10% (depends on dimmer, ELV)
Machanian and Hausing	
Mechanical and Housing	Alumainuma dia sant
Housing Material	Aluminum die-cast
Reflector material	Polycarhonato
Optical cover material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Haveing Cales	
Housing Color	Aluminum
Optical cover finish	-
Optical cover finish Overall height	- 60 mm
Optical cover finish Overall height Overall diameter	- 60 mm 95 mm
Optical cover finish Overall height	- 60 mm 95 mm IP20/44 [Finger-protected; wire-
Optical cover finish Overall height Overall diameter	- 60 mm 95 mm

Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	0 to +35 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	
Product Data	
Order product name	RS151B LED6-WB-/840 D78 PSR PI6
	ALU
Full product name	RS151B LED6-WB-/840 D78 PSR PI6
	ALU
Full product code	871951454814599
Order code	911401897782
Material Nr. (12NC)	911401897782
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514548145
Numerator - Packs per outer box	18
EAN/UPC - Case	8719514548404

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Dimensional drawing





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