



CoreLine Recessed Spot gen2

RS155B LED9-WB-/840 D68 PSR PI6 WH

CoreLine Recessed Spot gen2, Fixed, 10.2 W, D68 mm, 1080 lm, 4000 K, Phase-cut dim, Wide beam, White, IP20/65

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

General Information	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Sustainability rating	-
Light Technical	
Luminous Flux	1,080 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105 lm/W

Datasheet, 2024, November 11 data subject to change

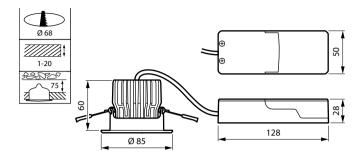
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Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	36°
Unified glare rating CEN	30
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	2 A
Inrush time	0.02 ms
	10.2 W
Power Consumption Power Factor (Fraction)	
Connection	0.9
Cable	Push-in connector 3-pole
	Cable 0.25 m with connector 3-pole
Number of products on MCB of 16 A type B	40 No.
Suitable for random switching	No Cofety class II
Protection class IEC	Safety class II
Total harmonic distortion	35 %
Controls and Dimming	
Controls and Dimming	V
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Phase-cut dim
Constant light output	No
Maximum dim level	10% (depends on dimmer, ELV)
Mochanical and Housing	
Mechanical and Housing	Aluminum die-cast
Housing Material	Aluminum die-Cast
Reflector material	- Polycarbonate
Optic material Optical cover material	Polycarbonate
	Steel
Fixation material	
Housing Color Optical color finish	White
Optical cover finish Overall height	- 62 mm
Overall diameter	62 mm
Overall diameter	85 mm
Ingress protection code	IP20/65 [Finger-protected; Dust
Made immediately and	penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.290 kg
Annual and Analt C	
Approval and Application	T
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 ℃
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*	-
35000 h	
Lumen maintenance at median useful life*	L70
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	-
100000 h	
Product Data	
Order product name	RS155B LED9-WB-/840 D68 PSR PI6
	WH
Full product name	RS155B LED9-WB-/840 D68 PSR PI6
	WH
Full product code	871951494102199
Order code	911401822884
Material Nr. (12NC)	911401822884
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514941021
Numerator - Packs per outer box	18

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Dimensional drawing





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