



# 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		Sustainability rating	
Light source replaceable	Yes	-	
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Luminous Flux	1,080 lm
Lighting Technology	LED	Saturated Red (R9)	<50
Value ladder	Performance	Correlated Color Temperature (Nom)	4000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	105 lm/W

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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
Power Consumption	10.2 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	35 %

### Controls and Dimming

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)

### Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	-
Overall height	62 mm
Overall diameter	85 mm
Ingress protection code	IP20/65 [Finger-protected; Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.290 kg

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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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 per EN 61000-3-3	1
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 (McAdam ellipse)	SDCM≤5

### 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
EAN/UPC - Case	8719514941410

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### Dimensional drawing

