



CoreLine Recessed Spot gen2

RS151B LED12-WB-/840 D78 WIA PI6 WH

CoreLine Recessed Spot gen2, Adjustable, 12 W, D78 mm, 1320 lm, 4000 K, Wireless, Interact Ready, Wide beam, White, 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
Connectivity	Interact Ready
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

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Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,320 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 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	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	38°
Unified glare rating CEN	24

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Average CLO power consumption	- W
Inrush current	4.9 A
Inrush time	0.056 ms
Power Consumption	12 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	24

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready external
Control interface	Wireless
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	White
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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	70
50000 h	

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 LED12-WB-/840 D78 WIA PI6 WH
Full product name	RS151B LED12-WB-/840 D78 WIA PI6 WH
Full product code	871951454823799
Order code	911401898682
Material Nr. (12NC)	911401898682
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514548237
Numerator - Packs per outer box	18
EAN/UPC - Case	8719514548497

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Dimensional drawing

