CoreLine Recessed Spot gen2

RS156B LED12-WB-/840 D68 WIA PI6 WH

CoreLine Recessed Spot gen2, Adjustable, 12 W, D68 mm, 1380 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 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		Warranty period	5 years
Light source replaceable	Yes	Sustainability rating	–
Number of gear units	1 unit		
Driver included	Yes	Light Technical	
Lighting Technology	LED	Luminous Flux	1,380 lm
Value ladder	Performance	Saturated Red (R9)	<50

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
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	33

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	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
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready external
Control interface	Wireless
Constant light output	No
Maximum dim level	10% (depends on dimmer, ELV)
Connectivity	Interact Ready

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	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.390 kg

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 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 50000 h	5 %
Lumen maintenance at median useful life* 35000 h	–
Lumen maintenance at median useful life* 50000 h	L70
Lumen maintenance at median useful life* 75000 h	–
Lumen maintenance at median useful life* 100000 h	–

Product Data

Order product name	RS156B LED12-WB-/840 D68 WIA PI6 WH
Full product name	RS156B LED12-WB-/840 D68 WIA PI6 WH
Full product code	871951494094999
Order code	911401822084
Material Nr. (12NC)	911401822084
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514940949
Numerator – Packs per outer box	18
EAN/UPC – Case	8719514941335

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Dimensional drawing