CoreLine Recessed Spot gen2

RS150Z MODULE LED6-WB-/830 D78 PSR

CoreLine Recessed Spot gen2, Accessory, 0.2 J standard, Finger-protected; dust accumulation-protected, splash-proof

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

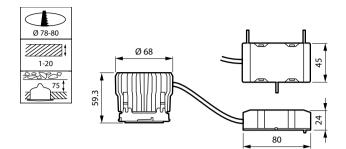| General Information		Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes		
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 ℃, duration 30 s
Value ladder	Performance	EU RoHS compliant	Yes
Warranty period	5 years		

CoreLine Recessed Spot gen2

Light Technical

Luminous Flux	680 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	94 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	38 degree(s)
Light source color	830 warm white
Optic type	Beam angle 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	144

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	depends on driver (1-10V, DALI...)
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	Black
Optical cover finish	Textured
Overall length	74 mm

Overall width / height

Overall width	68 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 68 x 74 mm

Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
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	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

Product Data

Full product code	871951454833699
Order product name	RS150Z MODULE LED6-WB-/830 D78 PSR
Order code	911401899682
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	18
Material Nr. (12NC)	911401899682
Full product name	RS150Z MODULE LED6-WB-/830 D78 PSR
EAN/UPC – Case	8719514548596
EAN/UPC – Product/Case	8719514548336

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Dimensional drawing

Ø 78-80	
1-20	
75	

Ø 68

59,3

Ø 68

45

24

80