PHILIPS Lighting



CoreLine Recessed Spot gen2

RS156B LED12-WB-/830 D68 PSD PI10 WH

CoreLine Recessed Spot gen2, Adjustable, 12.3 W, D68 mm, 1300 lm, 3000 K, DALI, 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		Sustainability rating	-
ght source replaceable	Yes		
nber of gear units	1 unit	Light Technical	
ver included	Yes	Luminous Flux	1,300 lm
ting Technology	LED	Saturated Red (R9)	<50
e ladder	Performance	Correlated Color Temperature (Nom)	3000 K
rranty period	5 years	Luminous Efficacy (rated) (Nom)	105 lm/W

CoreLine Recessed Spot gen2

Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	830 warm 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	60 A
Inrush time	0.12 ms
Power Consumption	12.3 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable 0.25 m with connector 5-pole
Number of products on MCB of 16 A type B	20
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	15 %

Controls and Dimming				
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface			
	external			
Control interface	DALI			
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	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.370 kg

Temperature 650 °C, duration 30 s

Approval and Application

Glow-wire test

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 FU RoHS compliant Yes Performance ambient temperature Tq 25 °C 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 (0.43, 0.40) 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 RS156B LED12-WB-/830 D68 PSD PI10 Order product name WН RS156B LED12-WB-/830 D68 PSD PI10 Full product name WH 871951494095699 Full product code Order code 911401822184 Material Nr. (12NC) 911401822184 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514940956

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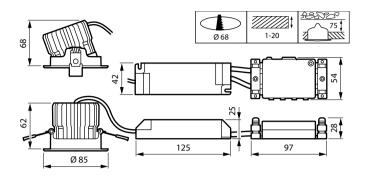
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Numerator - Packs per outer box

EAN/UPC - Case

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Dimensional drawing





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