



# CoreLine Recessed Spot gen2

## RS156B LED9-WB-/840 D68 PSR PI6 WH

CoreLine Recessed Spot gen2, Adjustable, 10.2 W, D68 mm, 1080 lm, 4000 K, Phase-cut dim, Wide beam, White, IP20/44

CoreLine Recessed Spot gen2, Adjustable, D68 mm, Aluminium die-cast, White, Recessed, Power supply unit regulating external, 1080 lm, 10.2 W, 105 lm/W, 4000 K, (0.38, 0.38) SDCM <5, Wide beam, Polycarbonate, IP20/44 | Finger-protected; wire-protected, splash-proof, IK03 | 0.3 J, Safety class II, Cable 0.25 m with connector 3-pole, Push-in connector 3-pole

### 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		Luminous efficacy (rated) (nom.)	
Light source replaceable	Yes		105 lm/W
Number of gear units	Unit	Colour rendering index (CRI)	>80
Driver included	Yes	Beam angle of light source	120 degree(s)
Lighting Technology	LED	Light source colour	840 neutral white
Value ladder	Performance	Optic type	Wide beam
Warranty period	5 years	Luminaire light beam spread	36°
		Unified Glare Rating (CEN)	30
Light Technical		Operating and Electrical	
Luminous Flux	1,080 lm	Input Voltage	220 to 240 V
Saturated Red (R9)	<50	Line Frequency	50 or 60 Hz
Correlated Colour Temperature (Nom)	4000 K	Initial CLO power consumption	- W

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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 (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	Aluminium die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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]
Mounting	Recessed
Net Weight (Piece)	0.290 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)	1
Stroboscopic effect	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 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

### Sustainability Data

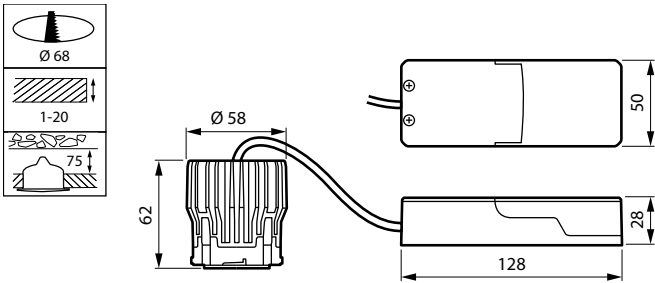
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	7.09 kg CO <sub>2</sub> e
Product non-virgin material ratio	8.14 %
Recyclable the content ratio of the finished product	46 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO <sub>2</sub> eq / kwh)

### Product Data

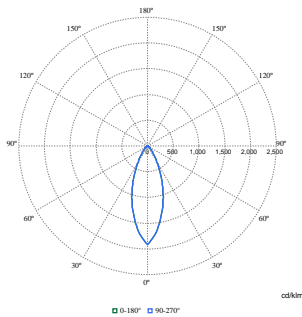
Order product name	RS156B LED9-WB-/840 D68 PSR PI6 WH
Full product name	RS156B LED9-WB-/840 D68 PSR PI6 WH
Full EOC	871951494087199
Order code	911401821384
Material no. (12 NC)	911401821384
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514940871
Numerator – packs per outer box	18
EAN/UPC - Case	8719514941267

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401821384

