



# CoreLine Recessed Spot gen2

## RS155B LED6-WB-/840 D68 PSR PI6 WH

CoreLine Recessed Spot gen2, Fixed, 7.2 W, D68 mm, 800 lm, 4000 K, Phase-cut dim, Wide beam, White, IP20/65

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	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Sustainability rating	-
Light Technical	
Luminous Flux	800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W

Datasheet, 2024, December 16 data subject to change

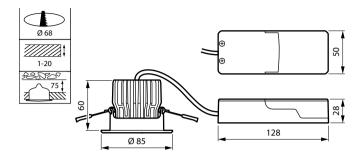
# **CoreLine Recessed Spot gen2**

51 1 (52)	
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	30
On white a sed Electrical	
Operating and Electrical	220 to 240 V
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	2 A
Inrush time	0.02 ms
Power Consumption  Power Eactor (Fraction)	7.2 W
Power Factor (Fraction)  Connection	0.9
Cable	Push-in connector 3-pole
Number of products on MCB of 16 A type B	Cable 0.25 m with connector 3-pole 40
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	45 %
- Total Harmonic distortion	45 //
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	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	IP20/65 [Finger-protected; Dust
	penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
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 ℃
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	(0.38, 0.38) 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*	-
Lumen maintenance at median useful life* 35000 h	-
	- L70
35000 h	
35000 h  Lumen maintenance at median useful life*	
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35000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 75000 h  Lumen maintenance at median useful life* 100000 h  Product Data  Order product name  Full product name  Full product code  Order code	- RS155B LED6-WB-/840 D68 PSR PI6 WH RS155B LED6-WB-/840 D68 PSR PI6 WH 871951494099499 911401822584
35000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 75000 h  Lumen maintenance at median useful life* 100000 h  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)	- RS155B LED6-WB-/840 D68 PSR PI6 WH RS155B LED6-WB-/840 D68 PSR PI6 WH 871951494099499 911401822584 911401822584
35000 h  Lumen maintenance at median useful life* 50000 h  Lumen maintenance at median useful life* 75000 h  Lumen maintenance at median useful life* 100000 h  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)  Numerator - Quantity Per Pack	- RS155B LED6-WB-/840 D68 PSR PI6 WH RS155B LED6-WB-/840 D68 PSR PI6 WH 871951494099499 911401822584 911401822584 1

# **CoreLine Recessed Spot gen2**

### Dimensional drawing





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