# **PHILIPS** Lighting



# **CoreLine Recessed Spot gen2**

# RS155B LED6-WB-/830 D68 PSR PI6 WH

CoreLine Recessed Spot gen2, Fixed, 7.2 W, D68 mm, 750 lm, 3000 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**

ral Information		Sustainability rating	-
ght source replaceable	Yes		
lumber of gear units	1 unit	Light Technical	
river included	Yes	Luminous Flux	750 lm
shting Technology	LED	Saturated Red (R9)	<50
lue ladder	Performance	Correlated Color Temperature (Nom)	3000 K
/arranty period	5 years	Luminous Efficacy (rated) (Nom)	104 lm/W

## CoreLine Recessed Spot gen2

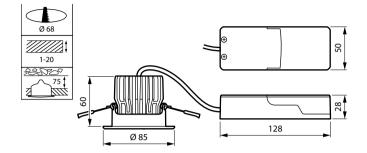
Color rendering index (CRI)	>80	
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	
Optic type	Wide beam	
Luminaire light beam spread	36°	
Unified glare rating CEN	30	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
Inrush current	2 A	
Inrush time	0.02 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	40	
Suitable for random switching	No	
Protection class IEC	Safety class II	
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	

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°C
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
	0.4 0 to +35 °C
Ambient temperature range	010+35 C
Initial Portormance (IEC Compliant)	
Initial Performance (IEC Compliant)	. / 10%
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)	
	<u></u>
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	
Order product name	RS155B LED6-WB-/830 D68 PSR PI6
	WH
Full product name	RS155B LED6-WB-/830 D68 PSR PI6
	WH
Full product code	871951494097099
Order code	911401822384
Material Nr. (12NC)	911401822384
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514940970
Numerator - Packs per outer box	18
EAN/UPC - Case	8719514941366

### **CoreLine Recessed Spot gen2**

#### Dimensional drawing





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