PHILIPS Lighting



CoreLine Recessed Spot gen2

RS155B LED6-WB-/830 D68 PSR PI6 ALU

CoreLine Recessed Spot gen2, Fixed, 7.2 W, D68 mm, 750 lm, 3000 K, Phase-cut dim, Wide beam, Aluminum, 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	-
urce replaceable	Yes		
er of gear units	1 unit	Light Technical	
ver included	Yes	Luminous Flux	750 lm
ng Technology	LED	Saturated Red (R9)	<50
e ladder	Performance	Correlated Color Temperature (Nom)	3000 K
anty 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		
Fixation material	Steel		
Housing Color	Aluminum		
Optical cover finish	-		
Overall height	62 mm		
Overall diameter	85 mm		
Ingress protection code	IP20/65 [Finger-protected; Dust		
	penetration-protected, jet-proof]		

IK03 [0.3 J]

Temperature 650 °C, duration 30 s

0.290 kg

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		
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		
Order product name	RS155B LED6-WB-/830 D68 PSR PI6	
	ALU	
Full product name	RS155B LED6-WB-/830 D68 PSR PI6	
	ALU	
Full product code	871951494098799	
Order code	911401822484	
Material Nr. (12NC)	911401822484	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514940987	
	18	
Numerator - Packs per outer box	18	

Mech. impact protection code

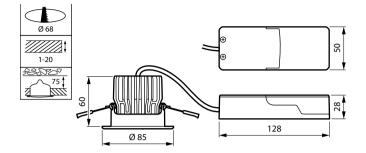
Approval and Application

Net Weight (Piece)

Glow-wire test

CoreLine Recessed Spot gen2

Dimensional drawing





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