



# CoreLine Recessed Spot gen2

## RS155Z MODULE LED9-WB-/840 D68 PSR

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 through-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		Color rendering index (CRI)	
Light source replaceable	Yes		>80
Number of gear units	1 unit	Flickering value (PstLM)	1
Driver included	Yes	Stroboscopic effect value (SVM)	0.4
Value ladder	Performance	Beam angle of light source	120 degree(s)
		Light source color	840 neutral white
		Optic type	Beam angle 36°
		Luminaire light beam spread	36°
		Unified glare rating CEN	30
Light Technical		Operating and Electrical	
Luminous Flux	1,080 lumen	Input Voltage	220 to 240 V
Saturated Red (R9)	<50		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	105 lm/W		

## CoreLine Recessed Spot gen2

Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Power Consumption	10.2 W
Inrush current	2 A
Inrush time	0.02 ms
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

### Temperature

Ambient temperature range	0 to +35 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	depends on driver (1-10V, DALI...)
Constant light output	No

### Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Optical cover/lens finish	Textured
Overall height	62 mm
Overall diameter	58 mm

### Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Warranty period	5 years

Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

### 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*	70
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	-
100000 h	

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

### Product Data

Full product code	871951494110699
Order product name	RS155Z MODULE LED9-WB-/840 D68
	PSR
Order code	94110699
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material number (12NC)	911401823684
Full product name	RS155Z MODULE LED9-WB-/840 D68
	PSR
EAN/UPC - Case	8719514941496



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## Dimensional drawing

