



# CoreLine Recessed Spot gen2

## RS150Z MODULE LED9-WB-/840 D78 PSR

CoreLine Recessed Spot gen2, Accessory, 0.2 J standard, Finger-protected; dust accumulation-protected, splash-proof

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

Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Datasheet, 2023, October 9 data subject to change

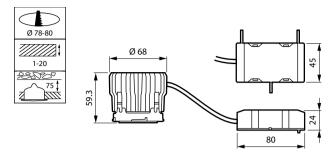
# **CoreLine Recessed Spot gen2**

Light Technical	
Luminous Flux	950 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	38 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 38°
	Deam angle 30
Luminaire light beam spread	
Unified glare rating CEN	22
Operating and Electrical	
Operating and Electrical	220 to 240 V
Input Voltage	
Line Frequency	50 or 60 Hz
Average CLO power consumption	- W
Inrush current	2.5 A
Inrush time	0.1 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 of 16 A type B	144
Temperature	
Ambient temperature range	0 to +35 °C
Ambient temperature range	0.00.53.0
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 material	Polycarbonate
Fixation material	Steel
Housing Color	Black
Optical cover finish	Textured
<u> </u>	
Overall length	74 mm

Overall width	68 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 68 x 74 mm
Approval and Application	
Ingress protection code	IP20/54 [Finger-protected; dust
	accumulation-protected, splash-proof]
Mech. impact protection code	IKO2 [0.2 J standard]
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful life	e 5 %
50000 h	
Lumen maintenance at median useful life*	70
	70
Lumen maintenance at median useful life* 50000 h	70
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Lumen maintenance at median useful life* 50000 h	70 25 °C
Lumen maintenance at median useful life* 50000 h  Application Conditions	
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Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Full product code	25 °C 10% (depends on dimmer, ELV) No 871951454836799
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Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Full product code  Order product name  Order code  Numerator - Quantity Per Pack	25 °C 10% (depends on dimmer, ELV) No 871951454836799 RS150Z MODULE LED9-WB-/840 D78 PSR 911401899982
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Full product code  Order product name  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box	25 °C 10% (depends on dimmer, ELV) No 871951454836799 RS150Z MODULE LED9-WB-/840 D78 PSR 911401899982 1
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Full product code  Order product name  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  Material Nr. (12NC)	25 °C 10% (depends on dimmer, ELV) No 871951454836799 RS150Z MODULE LED9-WB-/840 D78 PSR 911401899982 1 18
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Full product code  Order product name  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  Material Nr. (12NC)	25 °C 10% (depends on dimmer, ELV) No  871951454836799 RS150Z MODULE LED9-WB-/840 D78 PSR 911401899982 1 18 911401899982 RS150Z MODULE LED9-WB-/840 D78

## **CoreLine Recessed Spot gen2**

### Dimensional drawing





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