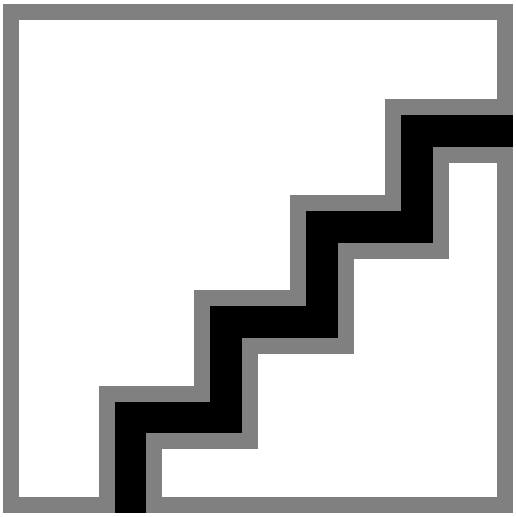


CoreLine Recessed Spot

RS140B LED9-32-/830 PSR PI6 WH

32 ° - 830 warm white - Power supply unit regulating - Push-in connector 6-pole - White RAL9010

CoreLine Recessed Spot delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Product data

General information	
Beam angle of light source	32 °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit regulating
Driver included	Yes
Optic type	Beam angle 32°
Luminaire light beam spread	32°
Control interface	Analog
Connection	Push-in connector 6-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Constant light output	No

CoreLine Recessed Spot

Number of products on MCB of 16 A type B	40
EU RoHS compliant	Yes
Unified glare rating CEN	22

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	7 A
Inrush time	500 ms
Power Factor (Min)	0.9

Controls and dimming

Dimmable	Yes

Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Clear
Overall height	59.5 mm
Overall diameter	95 mm
Color	White RAL9010
Dimensions (Height x Width x Depth)	60 x NaN x NaN mm

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	82 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	85
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	11 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application conditions

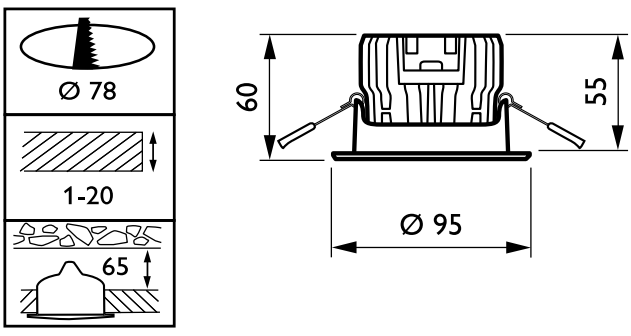
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product data

Full product code	871869938285899
Order product name	RS140B LED9-32-/830 PSR PI6 WH
EAN/UPC - Product	8718699382858
Order code	912401483039
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	912401483039
Net Weight (Piece)	0.290 kg

F IP65 IK02

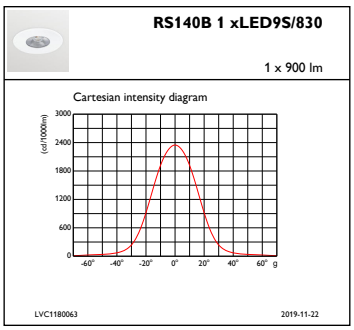
Dimensional drawing



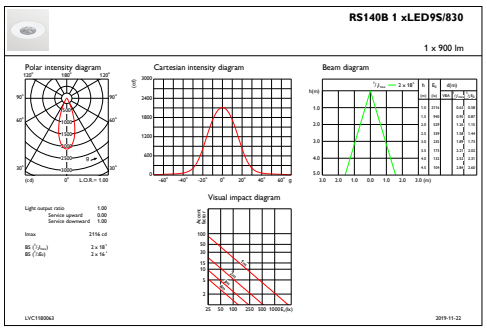
RS140B LED9-32-/830 PSR PI6 WH

CoreLine Recessed Spot

Photometric data



IFCC1_RS140B1xLED9S830



IFAS1_RS140B1xLED9S830

© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.