CoreLine Recessed Spot

RS141B LED6-32-/830 PSR PI6 WH

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

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 colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optic type	32 [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 ℃, duration 30 s

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

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Number of products on MCB (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	Aluminium 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
Colour	White RAL9010
Dimensions (height x width x depth)	60 x NaN x NaN mm (2.3 x NaN x NaN in)

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	650 lm

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	82 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	85
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	8 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

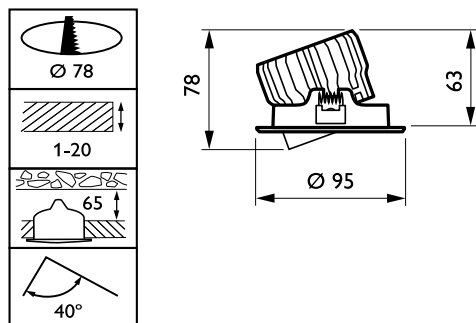|	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

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

Product Data

Full product code	871869938281099
Order product name	RS141B LED6-32-/830 PSR PI6 WH
EAN/UPC – product	8718699382810
Order code	38281099
SAP numerator – quantity per pack	1
Numerator – packs per outer box	18
SAP material	912401483035
SAP net weight (piece)	0.290 kg

F · IK 02

Dimensional drawing

Ø 78
1-20
65
40°
78
63
Ø 95
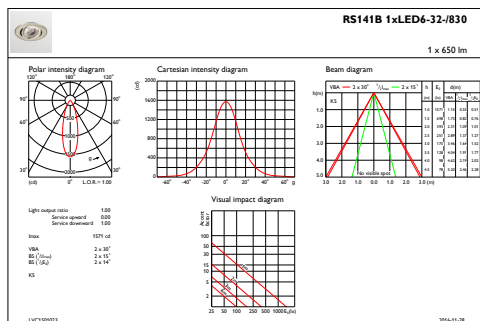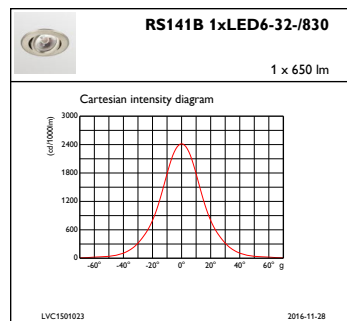
CoreLine RS140B/RS141B

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Photometric data

IFAS1_RS141B1xLED6-32-830

IFCC1_RS141B1xLED6-32-830

www.lighting.philips.com

2021, November 2 – data subject to change