![Philips Lighting logo]

CoreLine Recessed Spot

RS141B LED6-32-/830 PSR PI6 ALU

CORELINE ADJ. - LED Module 600 lm - 32 ° - 830 warm white -
Power supply unit regulating - Push-in connector 6-pole - Aluminum

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

Number of light sources	1 pc
Lamp family code	LED6 [LED Module 600 lm]
Beam angle of light source	32 °
Light source color	830 warm white
Cap-Base	- [-]
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°
Optical cover/lens type	Polycarbonate bowl/cover clear
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 850 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	-
RoHS mark	RoHS mark
Product family code	RS141B [CORELINE ADJ.]

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	7 A
Inrush time	500 ms

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Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Clear
Overall height	58 mm
Overall diameter	95 mm

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	650 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	65 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	85
Initial chromaticy	(0.42, 0.40) SDCM <5
Initial input power	10 W

Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

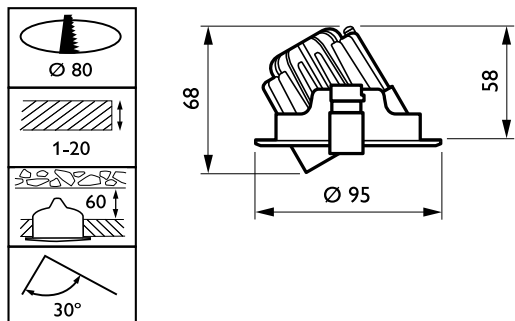|	
Driver failure rate at 5000 h	1.5 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

Ambient temperature range	0 to +35 °C
Average ambient temperature	25 °C
Maximum dim level	10%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869606907399
Order product name	RS141B LED6-32-/830 PSR PI6 ALU
EAN/UPC - Product	8718696069073
Order code	910503910062
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	910503910062
Net Weight (Piece)	0.500 kg

CE F 850°C IP 44 IK 02

Dimensional drawing

Ø 80

1-20

60

30°

68

58

Ø 95

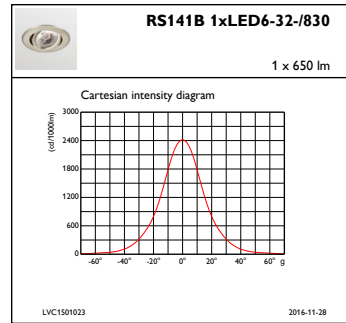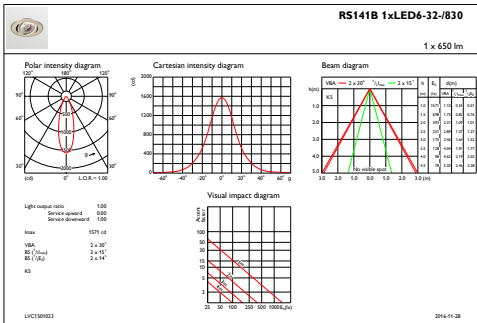**CoreLine RS140B/RS141B**

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Photometric data

IFAS1_RS141B1xLED6-32-830

IFCC1_RS141B1xLED6-32-830

www.lighting.philips.com

2017, March 20 - data subject to change