

CoreLine Recessed Spot

RS141B LED7-32-/830 PSR PI6 ALU DT

RS141B - LED Module, system flux 700 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	LED Module, system flux 700 lm
Beam angle of light source	32 °
Light source color	830 warm white
Light source replaceable	No
Driver/power unit/ transformer	Power supply unit regulating
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover clear
Connection	Push-in connector 6-pole
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
UL mark	-
Product family code	RS141B

• Light Technical

Luminous flux tolerance	+/-10%

• Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Power consumption tolerance	+/-10%

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Fixation material	Stainless steel

• 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	700 lm
Initial LED luminaire efficacy	45 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticy	(0.42, 0.40) SDCM <5
Initial input power	16 W

• Over Time Performance (IEC Compliant)

Median useful life L90B50	15000 h
Median useful life L80B50	30000 h
Median useful life L70B50	50000 h

PHILIPS

CoreLine Recessed Spot

Driver failure rate at 5000 h	1.5 %

- Application Conditions

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

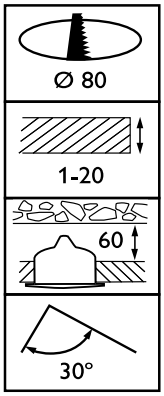
- Product Data

Full product code	871869607139799

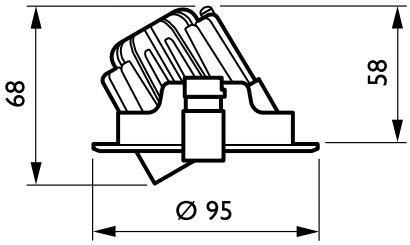
Order product name	RS141B LED7-32-/830 PSR PI6 ALU DT
EAN/UPC - Product	8718696071397
Order code	910503910153
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	910503910153
Net Weight (Piece)	0.500 kg

650°C IP44 IK02

Dimensional drawing



RS141B



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data subject to change