



CoreLine Recessed Spot – for every project, where light really matters

CoreLine Recessed Spot

The CoreLine Recessed Spot delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. The 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 a much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Benefits

- High-end material and finish for decorative applications; dedicated optics for halogen-reflector look and glare control
- 80% energy saving and 15 times longer lifetime compared to standard halogen-based luminaires
- Due to its slim design, it fits in most types of ceiling; compatible with nearly all wall-mounted dimmers
- Wide portfolio to cover multiple application spaces, from bathroom to dining room

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Features

- Available in fixed and adjustable versions
- Different finishes available
- Choice of colour temperatures: 2,700, 3,000, 4,000 K and DimTone (dim 3,000 K to 2,200 K)
- Available in two light levels: 650 lumen (standard halogen) 1,200 lumen (CDM-T 20 W Standard)
- Available in two beam angles: 32° Medium Beam 60° Very Wide Beam
- Slim design; smaller than 60 mm
- Push-in connector with through-wiring option
- High Performance Dimming driver
- Chip-on-Board (COB) technology

Application

- Reception areas
- Decorative applications
- Retail shops and small fashion shops
- Corridors
- Bathrooms and toilets

Specifications

Type	RS140B (fixed version)
	RS141B (adjustable version)
Ceiling type	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	8, 11 and 15 W
Beam angle	32°
Luminous flux	650, 900 and 1,200 lm
Correlated Colour Temperature	2,700, 3,000 or 4,000 K
Colour Rendering Index	85
Lumen maintenance at median useful life* 50,000 h	L70
Control gear failure rate at median useful life 50,000 h	5%
Performance Ambient Temperature Tq	+25 °C

Operating temperature range	-20 to +35 °C
Driver	Integrated for 650 and 900 lm, separate for 1,200 lm
Mains voltage	230 or 240 V/50-60 Hz
Dimming	Compatible with a wide range of leading- and trailing-edge phase-cut dimmers
Material	Housing: aluminium
Colour	White
	Brushed aluminium
	Black
Optical cover	Polycarbonate, clear
Connection	Push-in connector or with pull relief
Installation	Fixed with spring fasteners
	Through-wiring possible
Remarks	Internal optical unit 20° tiltable

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Versions



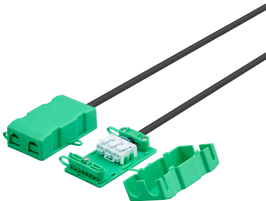
Product details



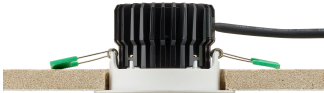
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CoreLine Recessed Spot RS140Z
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CoreLine Recessed Spot

Product details



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Application conditions

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

Approval and application

Mech. impact protection code	IK02
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Controls and dimming

Dimmable	Yes
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Operating and electrical

Input Voltage	220 to 240 V
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General information

Beam angle of light source	32 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	32

Initial performance (IEC compliant)

Initial chromaticity	(0.38, 0.38) SDCM <5
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	85
Initial LED luminaire efficacy	82 lm/W
Initial luminous flux	650 lm
Luminous flux tolerance	+/-10%
Initial input power	8 W

Mechanical and housing

Colour	White RAL9010
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Approval and application

Order Code	Full Product Name	Ingress protection code
912401483033	RS140B LED6-32-/840 PSR PI6 WH	IP65
912401483036	RS141B LED6-32-/840 PSR PI6 WH	IP44

