



CoreLine Recessed Spot – the clear choice for LED

CoreLine Recessed Spot

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.

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 compare to standard halogen-based luminaires
- Due to its slim design it fits in most types of ceiling; compatible with nearly all wall-mounted dimmers

Features

- Available in fixed and adjustable versions
- Different finishes available
- Choice of color temperatures: 2700, 3000 and 4000 K
- High Performance Dimming driver
- Slim design of 60 mm
- Chip-on-Board (COB) technology
- Push-in connector with through-wiring option
- Available in three outputs – 650lm, 900lm & 1200lm

CoreLine Recessed Spot

Application

- Reception areas
- Decorative applications
- Retail stores
- 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*	L70
50,000 h	
Control gear failure rate at median useful life	5%
50,000 h	
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

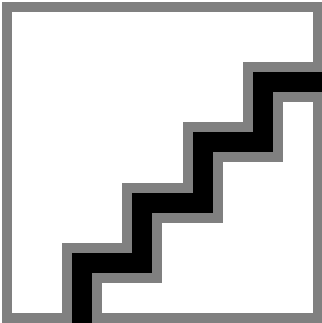
Versions



32 °

CoreLine Recessed Spot

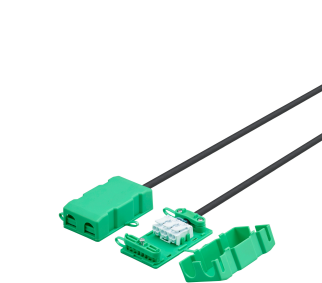
Product details



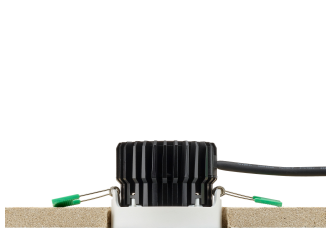
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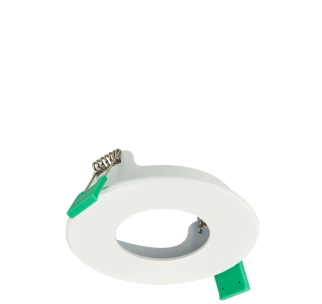
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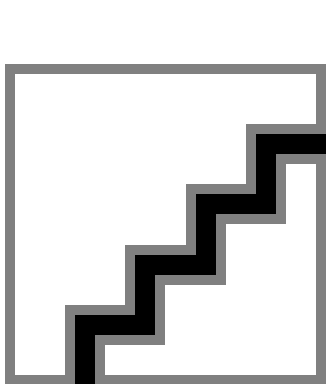
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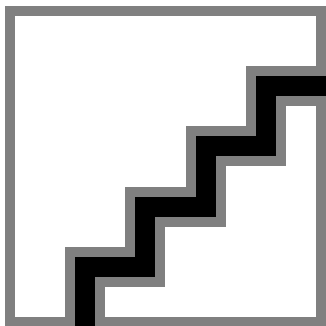
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CoreLine Recessed Spot RS140Z
1Acc



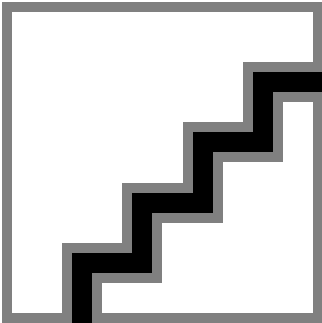
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CoreLine Recessed Spot

Product details



CoreLine Recessed Spot RS140Z
2Acc

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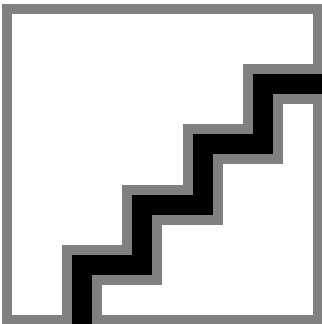
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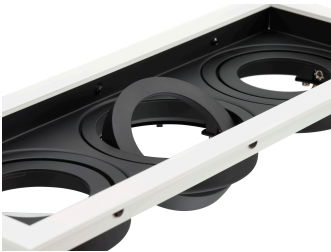
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CoreLine_Gridlight_Single-
RS145Z-2DPP.TIF



CoreLine Recessed Spot

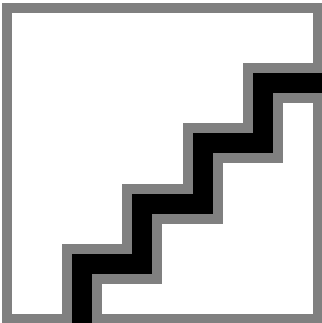
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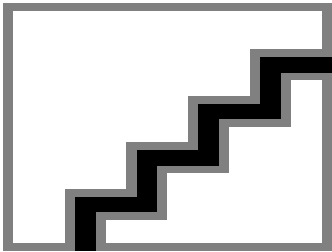
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CoreLine_Gridlight_Single-RS145Z-1DPP.TIF



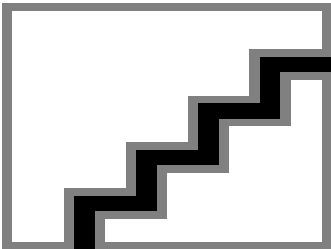
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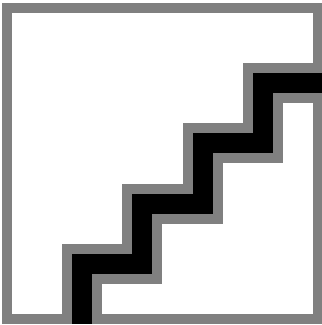


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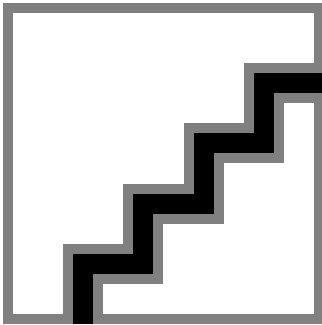


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Accessories



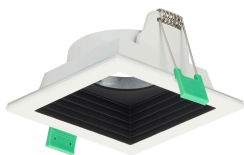
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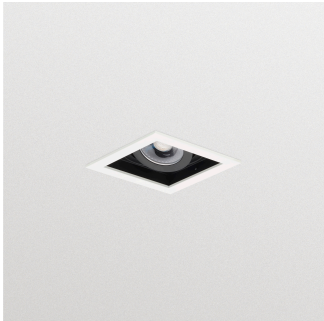
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CoreLine Recessed Spot

Accessories



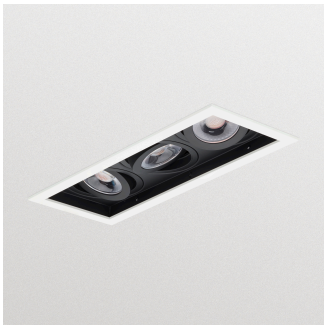
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Ordercode 38832499



Ordercode 38833199



Ordercode 38834899

CoreLine Recessed Spot

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
Controls and dimming	
Dimmable	Yes
Operating and electrical	
Input Voltage	220 to 240 V
General information	
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Initial performance (IEC compliant)	
Init. Colour rendering index	85
Initial LED luminaire efficacy	82 lm/W
Luminous flux tolerance	+/-10%

Approval and application

Order Code	Full Product Name	Ingress protection code
38279799	RS140B LED6-32-/840 PSR PI6 WH	IP65
38285899	RS140B LED9-32-/830 PSR PI6 WH	IP65
38286599	RS140B LED9-32-/840 PSR PI6 WH	IP65
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	IP44
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	IP44
38281099	RS141B LED6-32-/830 PSR PI6 WH	IP44
38283499	RS141B LED9-32-/830 PSR PI6 WH	IP44
38284199	RS141B LED9-32-/840 PSR PI6 WH	IP44
38423499	RS140B LED12-36-/830 PSR PI6 ALU	IP65
38424199	RS140B LED12-36-/840 PSR PI6 ALU	IP65
38287299	RS140B LED6-32-/827 PSR PI6 ALU	IP65
38294099	RS140B LED9-32-/840 PSR PI6 ALU	IP65
38291999	RS141B LED6-32-/830 PSR PI6 ALU	IP44

General information

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38279799	RS140B LED6-32-/840 PSR PI6 WH	32 °	32
38285899	RS140B LED9-32-/830 PSR PI6 WH	32 °	32
38286599	RS140B LED9-32-/840 PSR PI6 WH	32 °	32
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	32 °	32
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	32 °	32
38281099	RS141B LED6-32-/830 PSR PI6 WH	32 °	32
38283499	RS141B LED9-32-/830 PSR PI6 WH	32 °	32

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38284199	RS141B LED9-32-/840 PSR PI6 WH	32 °	32
38423499	RS140B LED12-36-/830 PSR PI6 ALU	36 °	36
38424199	RS140B LED12-36-/840 PSR PI6 ALU	36 °	36
38287299	RS140B LED6-32-/827 PSR PI6 ALU	32 °	32
38294099	RS140B LED9-32-/840 PSR PI6 ALU	32 °	32
38291999	RS141B LED6-32-/830 PSR PI6 ALU	32 °	32

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
38279799	RS140B LED6-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	650 lm	8 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
38285899	RS140B LED9-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	900 lm	11 W

CoreLine Recessed Spot

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
38286599	RS140B LED9-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	900 lm	11 W
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	(0.46, 0.41) SDCM <5	2700 K	650 lm	8 W
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38281099	RS141B LED6-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38283499	RS141B LED9-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	900 lm	11 W
38284199	RS141B LED9-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	900 lm	11 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
38423499	RS140B LED12-36-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	1200 lm	15 W
38424199	RS140B LED12-36-/840 PSR PI6 ALU	(0.38, 0.38) SDCM <5	4000 K	1200 lm	15 W
38287299	RS140B LED6-32-/827 PSR PI6 ALU	(0.46, 0.41) SDCM <5	2700 K	650 lm	8 W
38294099	RS140B LED9-32-/840 PSR PI6 ALU	(0.38, 0.38) SDCM <5	4000 K	900 lm	11 W
38291999	RS141B LED6-32-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W

Mechanical and housing

Order Code	Full Product Name	Colour
38279799	RS140B LED6-32-/840 PSR PI6 WH	White RAL9010
38285899	RS140B LED9-32-/830 PSR PI6 WH	White RAL9010
38286599	RS140B LED9-32-/840 PSR PI6 WH	White RAL9010
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	White RAL9010
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	White RAL9010
38281099	RS141B LED6-32-/830 PSR PI6 WH	White RAL9010
38283499	RS141B LED9-32-/830 PSR PI6 WH	White RAL9010

Order Code	Full Product Name	Colour
38284199	RS141B LED9-32-/840 PSR PI6 WH	White RAL9010
38423499	RS140B LED12-36-/830 PSR PI6 ALU	Aluminium
38424199	RS140B LED12-36-/840 PSR PI6 ALU	Aluminium
38287299	RS140B LED6-32-/827 PSR PI6 ALU	Aluminium
38294099	RS140B LED9-32-/840 PSR PI6 ALU	Aluminium
38291999	RS141B LED6-32-/830 PSR PI6 ALU	Aluminium

