



ClearAccent – Affordable recessed LED spot

ClearAccent

ClearAccent is an entry-level recessed spot range designed to replace halogen-based luminaires. Its attractive price and high lumen per watt ratio make the decision to switch to LED an easy one. The luminaire's compact design, with built-in driver, is suitable for a wide variety of applications. The dimensions of the fixation hole meet the old halogen-based standard of 68 mm, which makes retrofitting possible. Thanks to the screw-in connectors, installation is easy and safe. These spotlights are fully IC compliant.

Benefits

- Easiest and cheapest way to convert from halogen to LED spots
- Reduced operating expenses: 90% energy saving and 10 times longer lifetime compared to standard halogen-based luminaires
- Clean and simple finish ensures discrete blend into any interior

Features

- Available in fixed or adjustable versions
- 500 lumens with a 36-degree beam
- Choice of color temperatures: 3000 and 4000 K
- Integrated driver
- Compatible with most leading-edge dimmers

Application

- Reception and hospitality areas
- Small retail stores and offices
- Corridors and elevators
- Toilets

Specifications

Type	RS060B (recessed spot-fixed version) RS061B (recessed spot-adjustable version)
Ceiling type	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	6 W
Beam angle	36°
Luminous flux	500 lm
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	> 80
Lumen maintenance at median useful life*	L65
50000 h	
Control gear failure rate at median useful life	7.5%
50000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	0 to 40 °C

Driver	Built-in
Power/Data supply	Power/Data supply
Mains voltage	230 or 240 V / 50 - 60 Hz
Dimming	Compatible with most leading edge phase cut dimmers
Controls system input	Not applicable
Options	Fixed or adjustable version
Material	Rim: die-cast aluminum Back housing: polycarbonate
Color	White (WH)
Optical cover	Polycarbonate, clear
Connection	Integral male / female connectors 3-pin connector with pull-relief
Maintenance	None
Installation	Fixation by means of spring fasteners No through-wiring possible Adjustable version is 25° tiltable
Accessories	None

Versions



ClearAccent RS060B recessed spotlight, fixed version



ClearAccent RS061B recessed spotlight, adjustable version

Product details



ClearAccent-RS060B-DP02.tif



ClearAccent-RS061B-DP01.tif

Product details

ClearAccent-RS061B-DP03.tif



Downlight RS060B RS061B
Asseccory 2

Approval and Application

Ingress protection code IP20

Controls and Dimming

Dimmable Yes

General Information

Protection class IEC Safety class II

Light source replaceable No

Initial Performance (IEC Compliant)

Initial luminous flux 500 lm

Luminous flux tolerance +/-10%

Initial input power 6 W

Mechanical and Housing

Color White

-

Order Code	Full Product Name	Driver failure rate at 5000 h
910503910182	RS060B LED5-36-/830 PSR II WH	-
910503910183	RS060B LED5-36-/840 PSR II WH	-
929002624032	RS060B LED5-36/827 PSR II WH LILO	1.2 %
929002624132	RS060B LED5-36/830 PSR II WH LILO	1.2 %
910503910184	RS061B LED5-36-/830 PSR II WH	-
910503910185	RS061B LED5-36-/840 PSR II WH	-
929002624232	RS061B LED5-36/827 PSR II WH LILO	1.2 %
929002624332	RS061B LED5-36/830 PSR II WH LILO	1.2 %

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Suitable for random switching
910503910182	RS060B LED5-36-/830 PSR II WH	0 to +40 °C	-
910503910183	RS060B LED5-36-/840 PSR II WH	0 to +40 °C	-
929002624032	RS060B LED5-36/827 PSR II WH LILO	-20 to +40 °C	No
929002624132	RS060B LED5-36/830 PSR II WH LILO	-20 to +40 °C	No

Order Code	Full Product Name	Ambient temperature range	Suitable for random switching
910503910184	RS061B LED5-36-/830 PSR II WH	0 to +40 °C	-
910503910185	RS061B LED5-36-/840 PSR II WH	0 to +40 °C	-
929002624232	RS061B LED5-36/827 PSR II WH LILO	-20 to +40 °C	No
929002624332	RS061B LED5-36/830 PSR II WH LILO	-20 to +40 °C	No

Approval and Application

Order Code	Full Product Name	Mech. impact protection code
910503910182	RS060B LED5-36-/830 PSR II WH	IK02
910503910183	RS060B LED5-36-/840 PSR II WH	IK02
929002624032	RS060B LED5-36/827 PSR II WH LILO	IK03
929002624132	RS060B LED5-36/830 PSR II WH LILO	IK03

Order Code	Full Product Name	Mech. impact protection code
910503910184	RS061B LED5-36-/830 PSR II WH	IK02
910503910185	RS061B LED5-36-/840 PSR II WH	IK02
929002624232	RS061B LED5-36/827 PSR II WH LILO	IK03

Order Code	Full Product Name	Mech. impact protection code
929002624332	RS061B LED5-36-/830 PSR II WH LILO	IK03

Operating and Electrical

Order Code	Full Product Name	Input Voltage
910503910182	RS060B LED5-36-/830 PSR II WH	220-240 V
910503910183	RS060B LED5-36-/840 PSR II WH	220-240 V
929002624032	RS060B LED5-36/827 PSR II WH LILO	220 to 240 V
929002624132	RS060B LED5-36/830 PSR II WH LILO	220 to 240 V

Order Code	Full Product Name	Input Voltage
910503910184	RS061B LED5-36-/830 PSR II WH	220-240 V
910503910185	RS061B LED5-36-/840 PSR II WH	220-240 V
929002624232	RS061B LED5-36/827 PSR II WH LILO	220 to 240 V
929002624332	RS061B LED5-36/830 PSR II WH LILO	220 to 240 V

General Information (1/2)

Order Code	Full Product Name	CE mark	Driver included	Flammability mark	Gear
910503910182	RS060B LED5-36-/830 PSR II WH	CE mark	-	-	-
910503910183	RS060B LED5-36-/840 PSR II WH	CE mark	-	-	-
929002624032	RS060B LED5-36/827 PSR II WH LILO	-	Yes	For mounting on normally flammable surfaces	-
929002624132	RS060B LED5-36/830 PSR II WH LILO	-	Yes	For mounting on normally	-

Order Code	Full Product Name	CE mark	Driver included	Flammability mark	Gear
910503910184	RS061B LED5-36-/830 PSR II WH	CE mark	-	flammable surfaces	-
910503910185	RS061B LED5-36-/840 PSR II WH	CE mark	-	-	-
929002624232	RS061B LED5-36/827 PSR II WH LILO	-	Yes	For mounting on normally flammable surfaces	-
929002624332	RS061B LED5-36/830 PSR II WH LILO	-	Yes	For mounting on normally flammable surfaces	-

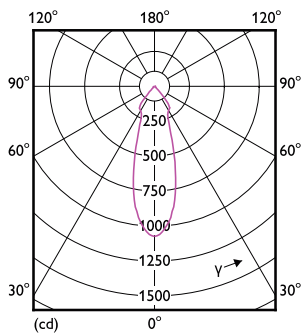
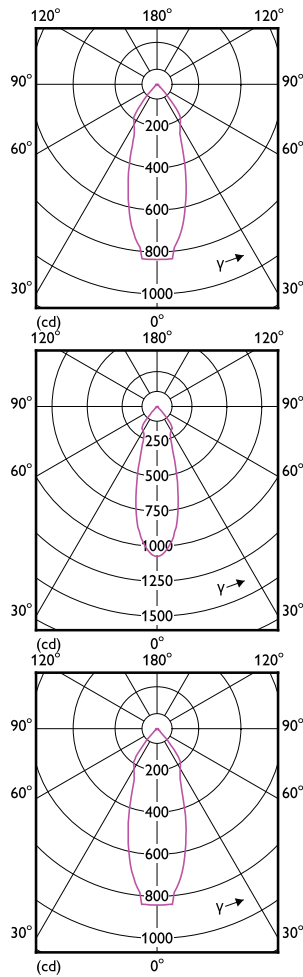
General Information (2/2)

Order Code	Full Product Name	Glow-wire test	Number of gear units	Optic type
910503910182	RS060B LED5-36-/830 PSR II WH	-	-	Symmetrical
910503910183	RS060B LED5-36-/840 PSR II WH	-	-	Symmetrical
929002624032	RS060B LED5-36/827 PSR II WH LILO	Temperature 650 °C, duration 30 s	1 unit	Beam angle 36°
929002624132	RS060B LED5-36/830 PSR II WH LILO	Temperature 650 °C, duration 30 s	1 unit	Beam angle 36°

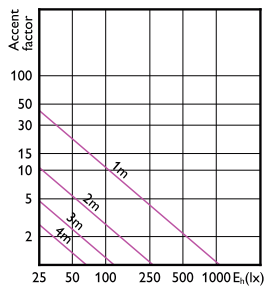
Order Code	Full Product Name	Glow-wire test	Number of gear units	Optic type
910503910184	RS061B LED5-36-/830 PSR II WH	-	-	Symmetrical
910503910185	RS061B LED5-36-/840 PSR II WH	-	-	Symmetrical
929002624232	RS061B LED5-36/827 PSR II WH LILO	Temperature 650 °C, duration 30 s	1 unit	Beam angle 36°
929002624332	RS061B LED5-36/830 PSR II WH LILO	Temperature 650 °C, duration 30 s	1 unit	Beam angle 36°

Initial Performance (IEC Compliant)

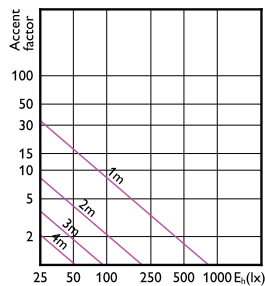
Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910503910182	RS060B LED5-36-/830 PSR II WH	(0.43, 0.40) SDCM <3	3000 K	≥80	83 lm/W
910503910183	RS060B LED5-36-/840 PSR II WH	(0.38, 0.38) SDCM <3	4000 K	≥80	83 lm/W
929002624032	RS060B LED5-36/827 PSR II WH LILO	(0.4577, 0.4099) 5	2700 K	80	83.00 lm/W
929002624132	RS060B LED5-36/830 PSR II WH LILO	(0.4338, 0.4030) 5	3000 K	80	83.00 lm/W
910503910184	RS061B LED5-36-/830 PSR II WH	(0.43, 0.40) SDCM <3	3000 K	≥80	83 lm/W
910503910185	RS061B LED5-36-/840 PSR II WH	(0.38, 0.38) SDCM <3	4000 K	≥80	83 lm/W
929002624232	RS061B LED5-36/827 PSR II WH LILO	(0.4577, 0.4099) 5	2700 K	80	83.00 lm/W
929002624332	RS061B LED5-36/830 PSR II WH LILO	(0.4338, 0.4030) 5	3000 K	80	83.00 lm/W



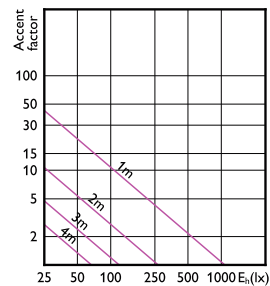
Accent Diagrams



Downlight RS060B 827 PSR WH LILO-LA2

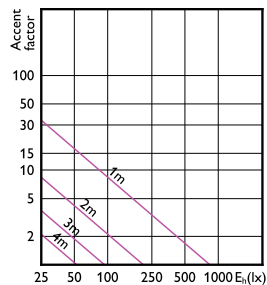


Downlight RS060B 830 PSR WH LILO-LA2



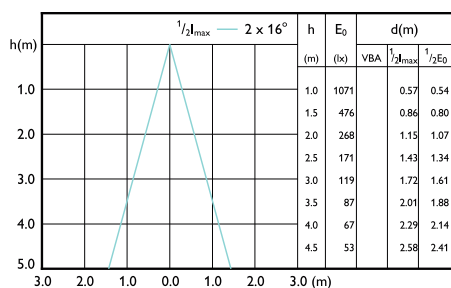
Downlight RS061B 827 PSR WH LILO-LA2

Accent Diagrams

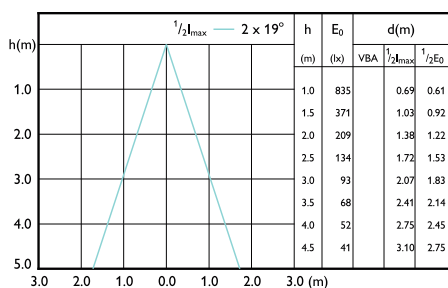


Downlight RS061B 830 PSR WH LILO-LA2

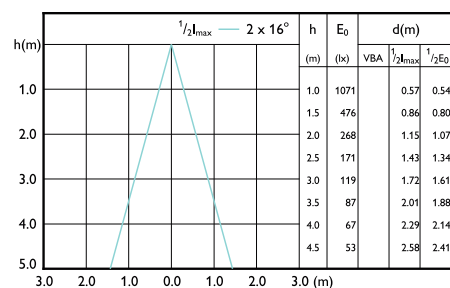
Beam Diagrams



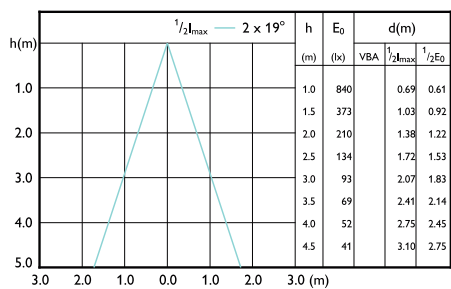
Downlight RS060B 827 PSR WH LILO-LBP



Downlight RS060B 830 PSR WH LILO-LBP



Downlight RS061B 827 PSR WH LILO-LBP



Downlight RS061B 830 PSR WH LILO-LBP

