



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60 OC

840 neutral white - Power supply unit with DALI interface

CoreLine recessed delivers on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. The high-quality CoreLine recessed is designed to replace existing recessed luminaires with T8 or T5 technology. This family features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally friendly and cost saving solution. With a quick-connector feature, our recessed luminaires are simple and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, fully compatible with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General information		Connection	
Beam angle of light source	- °	Cable	Connection unit 5-pole
Light source color	840 neutral white	Protection class IEC	Cable with connector 5-pole
Light source replaceable	No	Glow-wire test	Safety class II
Number of gear units	1 unit	Flammability mark	Temperature 650 °C, duration 30 s
Driver/power unit/transformer	Power supply unit with DALI interface	CE mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	CE mark
Optic type	Beam angle 84°	Warranty period	ENEC mark
Luminaire light beam spread	84°	Constant light output	5 years
Control interface	DALI		No

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Number of products on MCB of 16 A type B	30
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Service tag	No
Unified glare rating CEN	19

Light technical

Saturated Red (R9)	<50
Flickering	1
Stroboscopic effect	1.6

Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	15.6 A
Inrush time	0.23 ms
Power Factor (Min)	0.9

Controls and dimming

Dimmable	Yes
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Mechanical and housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Optical cover/lens finish	Diamond
Overall length	597 mm
Overall width	597 mm
Overall height	44 mm
Color	White
Dimensions (Height x Width x Depth)	44 x 597 x 597 mm

Approval and application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
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Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	4300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Initial input power	31 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application conditions

Ambient temperature range	-10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	3%
Suitable for random switching	Yes

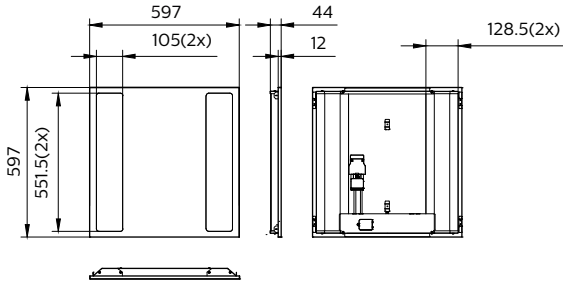
Product data

Full product code	871951451221400
Order product name	RC136B 31S_37S_43S/840 PSD W60L60 OC
EAN/UPC - Product	8719514512214
Order code	911401880781
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401880781
Net Weight (Piece)	3.600 kg



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Dimensional drawing



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Photometric data

