



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W30L120 OC

CoreLine recessed, All-in, 31 W, 22 W, 1200x300 mm, 3100 lm, 3700 lm, 4300 lm, 4000 K, DALI, UGR19

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. It's a high-quality recessed LED that's designed to replace existing recessed luminaires with T8 or T5 technology. This CoreLine family also 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 or Wieland feature, CoreLine RC136B recessed luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are 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		Sustainability rating	
Light source replaceable	No	-	
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Luminous Flux	3,100 3,700 4,300 lm
Service tag	Yes	Saturated Red (R9)	<50
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Value ladder	Performance	Luminous Efficacy (rated) (Nom)	140 lm/W
Warranty period	5 years	Color rendering index (CRI)	>80

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Light source color	840 neutral white
Optic type	Beam angle 84°
Luminaire light beam spread	84°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	15.6 A
Inrush time	0.23 ms
Power Consumption	31.22 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	Cable with connector 5-pole
Number of products on MCB of 16 A type B	30
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	3%

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	1,197 mm
Overall width	297 mm
Overall height	44 mm
Dimensions (Height x Width x Depth)	44 x 297 x 1197 mm
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	3.000 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70

Product Data

Order product name	RC136B 31S_37S_43S/840 PSD W30L120 OC
Full product name	RC136B 31S_37S_43S/840 PSD W30L120 OC
Full product code	871951451223800
Order code	911401880981
Material Nr. (12NC)	911401880981
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514512238
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514512238

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