CoreLine recessed

RC136B 60S/840 PSD W60L60 OC

CoreLine recessed, 44 W, 600x600 mm, 6000 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	6,000 lm
Service tag	Yes	Saturated Red (R9)	<50
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Value ladder	Performance	Luminous Efficacy (rated) (Nom)	135 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

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	17.2 A
Inrush time	0.27 ms
Power Consumption	44 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	24
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	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	597 mm
Overall width	597 mm
Overall height	44 mm
Dimensions (Height x Width x Depth)	44 x 597 x 597 mm
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	3.500 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
Photobiological risk specification	0.2 m
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)	0.4
Ambient temperature range	–10 to +35 °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 60S/840 PSD W60L60 OC
Full product name	RC136B 60S/840 PSD W60L60 OC
Full product code	871951496399300
Order code	911401808385
Material Nr. (12NC)	911401808385
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514963993
Numerator – Packs per outer box	1
EAN/UPC – Case	8719514963993

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www.lighting.philips.com

2025, March 14 – data subject to change