



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60 OC

- 840 neutral white - Power supply unit with DALI interface

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 IPXO & 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		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Service tag	No	
Lighting Technology	LED	
Value ladder	Performance	

Light Technical	
Luminous Flux	3,100 3,700 4,300 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Beam angle of light source	- degree(s)

Datasheet, 2023, May 19 data subject to change

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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
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Power Consumption	31 W
Inrush current	15.6 A
Inrush time	0.23 ms
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
Temperature	
Ambient temperature range	-10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover/lens finish	Diamond
Overall length	597 mm
Overall width	597 mm
Overall height	44 mm
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]

OC Order code 911401880781 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material number (12NC) 911401880781		
Flammability mark Flammability mark Flammability mark For mounting on normally flammable surfaces CE mark Yes ENEC mark ENEC mark Warranty period 5 years Photobiological risk Photobiological risk group 0 @200mm to EN62778 EU RoHS compliant Yes Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 5 % 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Suitable for random switching Yes Product Data Full product code Order product name RC136B 31S_37S_43S/840 PSD W60160 OC Order code Plil product name RC136B 31S_37S_43S/840 PSD W60160 OC Material number (12NC) Full product name RC136B 31S_37S_43S/840 PSD W60160 OC Full product name RC136B 31S_37S_43S/840 PSD W60160 OC Full product name RC136B 31S_37S_43S/840 PSD W60160 OC RC19 product name RC136B 31S_37S_43S/840 PSD W60160 OC Full product name RC136B 31S_37S_43S/840 PSD W60160 OC RC19 product name RC136B 31S_37S_43S/840 PSD W60160 OC	Sustainability rating	
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ENEC mark Warranty period Photobiological risk ENEC mark Photobiological risk Photobiological risk group 0 @200mm to EN62778 EU ROHS compliant Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Power consumption tolerance		surfaces
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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 Order code 911401880781 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material number (12NC) 911401880781 Full product name RC136B 31S_37S_43S/840 PSD W60L60 OC	100000 h	
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Product Data Full product code 871951451221400 Order product name RC136B 31S_37S_43S/840 PSD W60L60 OC Order code 911401880781 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material number (12NC) 911401880781 Full product name RC136B 31S_37S_43S/840 PSD W60L60 OC	Maximum dim level	3%
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oc	Material number (12NC)	911401880781
	Full product name	RC136B 31S_37S_43S/840 PSD W60L60
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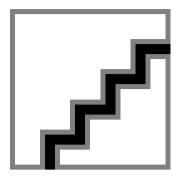






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Dimensional drawing





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