PHILIPS Lighting



CoreLine recessed

RC136B 28S_34S_40S/830 PSD W30L120 OC

- 830 warm white - Power supply unit with DALI interface

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-touse, 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 Technical	
Light source replaceable	No	Luminous Flux	2,800 3,400 4,000 lume
umber of gear units	1 unit	Saturated Red (R9)	<50
Priver included	Yes	Correlated Color Temperature (Nom)	3000 K
Service tag	No	Luminous Efficacy (rated) (Nom)	130 lm/W
ighting Technology	LED	Color rendering index (CRI)	>80
Value ladder	Performance	Flickering value (PstLM)	1
		Stroboscopic effect value (SVM)	1.6
		Beam angle of light source	- degree(s)

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Optic type Luminaire light beam spread Jnified glare rating CEN	Beam angle 84° 84°
	84°
Unified glare rating CEN	
	19
Operating and Electrical	
nput Voltage	220-240 V
Line Frequency	50 or 60 Hz
nput Frequency	50 or 60 Hz
nitial CLO power consumption	- W
Average CLO power consumption	- W
Power Consumption	31 W
nrush current	15.6 A
nrush 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	1,197 mm
Overall width	297 mm
Overall height	44 mm
Dimensions (Height x Width x Depth)	44 x 297 x 1197 mm

Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
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	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM ≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L70
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	3%
Suitable for random switching	Yes

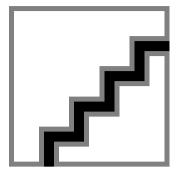
Product Data		
Full product code	871951451222100	
Order product name	RC136B 28S_34S_40S/830 PSD	
	W30L120 OC	
Order code	911401880881	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material number (12NC)	911401880881	
Full product name	RC136B 28S_34S_40S/830 PSD	
	W30L120 OC	
EAN/UPC - Case	8719514512221	

IP20/44 [Finger-protected; wire-	
protected, splash-proof]	
IKO3 [0.3 J]	



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Dimensional drawing





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