PHILIPS Lighting



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60NOCELB3

CoreLine recessed, All-in, 34 W, 25 W, 600x600 mm, 3100 lm, 3700 lm, 4300 lm, 4000 K, DALI, ELB3h

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

eneral Information		Sustainability rating -	
able	No		
	1 unit	Light Technical	
	Yes	Luminous Flux	3,100 3,700 4,300 lm
	Yes	Saturated Red (R9)	<50
,	LED	Correlated Color Temperature (Nom)	4000 K
	Performance	Luminous Efficacy (rated) (Nom)	126 lm/W
	5 years	Color rendering index (CRI)	>80

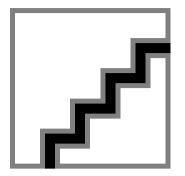
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Light source color	840 neutral white	
Optic type	Wide beam	
Luminaire light beam spread	100°	
Unified glare rating CEN	25	
All-in Type	All-in, Multi Lumen	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Inrush current	15.6 A	
Inrush time	0.23 ms	
Power Consumption	34 25 W	
Power Factor (Fraction)	0.9	
Connection	Connection unit 7-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%	
Mashanian and Llousing		
Mechanical and Housing	Charal	
Housing Material	Steel	
Reflector material	Polycarbonate	
Optic material Optical cover material	Polycarbonate	
Fixation material	Polymethyl methacrylate	
Housing Color	White	
Optical cover finish		
Overall length	Microprismatic lens 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-	
5 ··· p·····	protected, splash-proof]	
Mech. impact protection code	IK03 [0.3 J]	
Net Weight (Piece)	4.100 kg	
Emergency Operation		
Rated duration of the emergency lighting	3 hour(s)	
(when fully charged)	(.)	
,		

Central Emergency	No	
Emergency lighting	Emergency lighting 3 hours duration	
	basic version	
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 ℃	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.4	
Ambient temperature range	0 to +25 °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 Complian	t)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance (EN-IEC 62722-2-1) at	L85	
median useful life* 50000 h		
Lumen maintenance (EN-IEC 62722-2-1) at	L70	
median useful life* 100000 h		
Product Data		
Order product name	RC136B 31S_37S_43S/840 PSD	
	W60L60NOCELB3	
Full product name	RC136B 31S_37S_43S/840 PSD	
	W60L60NOCELB3	
Full product code		
	871869997550000	
Order code	910505101243	
Order code Material Nr. (12NC)		
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910505101243 910505101243 1	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	910505101243 910505101243	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	910505101243 910505101243 1 8718699975500 1	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	910505101243 910505101243 1 8718699975500	

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Photometric data



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