PHILIPS Lighting



CoreLine recessed

RC136B 28S_34S_40S/830 PSD W60L60 OC

CoreLine recessed, All-in, 31 W, 22 W, 600x600 mm, 2800 lm, 3400 lm, 4000 lm, 3000 K, DALI, UGR19

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

	Warranty period
No	Flammability mark
1 unit	
Yes	ENEC mark
No	Glow-wire test
LED	EU RoHS compliant
Performance	
Yes	
	1 unit Yes No LED Performance

5 years

surfaces ENEC mark

Yes

For mounting on normally flammable

Temperature 650 °C, duration 30 s

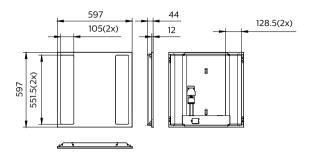
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Light Technical	
Luminous Flux	2,800 3,400 4,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
	130 lm/W
Luminous Efficacy (rated) (Nom)	
Color rendering index (CRI)	≥80
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	10
Stroboscopic effect visibility measure (SVM)	1.6
Light source color	830 warm 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
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 material	Polymethyl methacrylate
Fixation material	-
	White
Housing Color	White
Housing Color Optical cover finish	Microprismatic lens
Optical cover finish	Microprismatic lens

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]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
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	
Order product name	RC136B 28S_34S_40S/830 PSD
	W60L60 OC
Full product name	RC136B 28S_34S_40S/830 PSD
	W60L60 OC
Full product code	871951451220700
Order code	911401880681
Material Nr. (12NC)	911401880681
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514512207
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514512207

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Dimensional drawing





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