# **PHILIPS** Lighting



# **CoreLine recessed**

# RC136B 31S\_37S\_43S/840 PSU W60L60 OC

CoreLine recessed, All-in, 31 W, 22 W, 600x600 mm, 3100 lm, 3700 lm, 4300 lm, 4000 K, 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**

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General Information		Warranty period	5 years
Light source replaceable	No	Flammability mark	For mounting on normally flammable
Number of gear units	1 unit		surfaces
Driver included	Yes	ENEC mark	ENEC mark
Service tag	No	Glow-wire test	Temperature 650 °C, duration 30 s
Lighting Technology	LED	EU RoHS compliant	Yes
Value ladder	Performance		
CE mark	Yes		

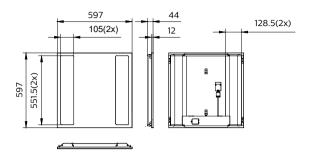
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Light Technical		
Luminous Flux	3,100 3,700 4,300 lm	
Saturated Red (R9)	<50	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	140 lm/W	
Color rendering index (CRI)	≥80	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		-
Stroboscopic effect visibility measure (SVM)	1.6	
Light source color	840 neutral white	
Optic type	Beam angle 84°	
Luminaire light beam spread	84°	
Unified glare rating CEN	19	
All-in Type	All-in, Multi Lumen	
	Au al, Multi Lumen	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Inrush current		
	15.3 A	
	0.29 ms	
Power Consumption	31 22 W	
Power Factor (Fraction)	0.9	
Connection	Connection unit 3-pole	
Cable	Cable with connector 3-pole	
Number of products on MCB of 16 A type B	35	
Temperature		
Ambient temperature range	-10 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	_
Constant light output	Νο	
Mechanical and Housing		
Housing Material	Steel	_ ]
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polymethyl methacrylate	
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
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 I
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
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	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 ℃
Suitable for random switching	Yes
Product Data	
Order product name	RC136B 31S_37S_43S/840 PSU W60L60
	OC
Full product name	RC136B 31S_37S_43S/840 PSU W60L60
	OC
Full product code	871951451218400
Order code	911401880481
Material Nr. (12NC)	911401880481
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514512184
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514512184

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#### Dimensional drawing





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