# **PHILIPS** Lighting



# **CoreLine recessed**

# RC136B 31S\_37S\_43S/840 PSU W60L60NOCELB3

# RC136B | CORELINE RECESSED GEN3 - 840 neutral white -Power supply unit

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 source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Product family code	RC136B [CORELINE RECESSED GEN3]
Lighting Technology	LED

Value ladder	Performance
Value laudei	renomance
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)	126 lm/W
Color rendering index (CRI)	>80

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Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	100°
Unified glare rating CEN	25
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	34 W
Inrush current	15.3 A
Inrush time	0.29 ms
Power Factor (Fraction)	0.9
Connection	Connection unit 5-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	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
	44 x 597 x 597 mm
	44 x 597 x 597 mm
Approval and Application	44 x 597 x 597 mm
Approval and Application Ingress protection code	IP20/44 [Finger-protected; wire-

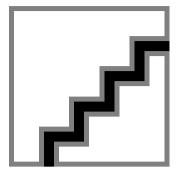
protected, splash-proof]

Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class I
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 t
	EN62778
EU RoHS compliant	Yes
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	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 °C Not applicable
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	Not applicable
Performance ambient temperature Tq Maximum dim level	Not applicable
Performance ambient temperature Tq Maximum dim level Suitable for random switching	Not applicable
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	Not applicable Yes
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code	Not applicable Yes 871869997549400
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code	Not applicable Yes 871869997549400 RC136B 315_375_435/840 PSU
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name	Not applicable Yes 871869997549400 RC136B 315_375_435/840 PSU W60L60NOCELB3
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code	Not applicable Yes 871869997549400 RC136B 31S_37S_43S/840 PSU W60L60NOCELB3 910505101242
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	Not applicable Yes 871869997549400 RC136B 31S_37S_43S/840 PSU W60L60NOCELB3 910505101242 1
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	Not applicable Yes 871869997549400 RC136B 31S_37S_43S/840 PSU W60L60NOCELB3 910505101242 1 1
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material number (12NC)	Not applicable Yes 871869997549400 RC136B 315_375_435/840 PSU W60L60NOCELB3 910505101242 1 1 910505101242



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#### Dimensional drawing





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