



CoreLine recessed

RC136B 28S_34S_40S/830 PSU W60L60 NOC

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

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety

- The product is IPX0 & 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		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	3000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	130 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	830 warm white
Lighting Technology	LED	Optic type	Beam angle 100°
Value ladder	Performance	Luminaire light beam spread	100°
Warranty period	5 years	Unified glare rating CEN	25
		All-in Type	All-in, Multi Lumen
Light Technical		Operating and Electrical	
Luminous Flux	2,800 3,400 4,000 lm	Input Voltage	220-240 V
Saturated Red (R9)	<50	Line Frequency	50 or 60 Hz

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Inrush current	15.3 A
Inrush time	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
Suitable for random switching	Yes
Protection class IEC	Safety class I
Total harmonic distortion	20 %

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 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
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	3.600 kg

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 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6

Ambient temperature range	-10 to +40 °C
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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 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70

Sustainability Data

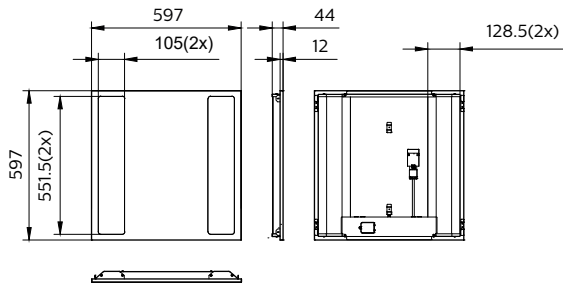
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	79.9 kg CO _{2e}
Product non-virgin material ratio	7.67 %
Recyclable content ratio of the finished product	56.7 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO _{2eq} / kWh)

Product Data

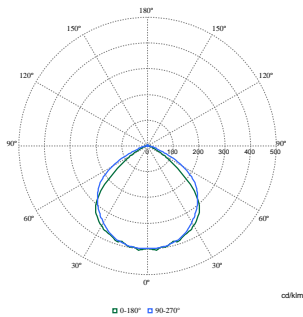
Order product name	RC136B 28S_34S_40S/830 PSU W60L60 NOC
Full product name	RC136B 28S_34S_40S/830 PSU W60L60 NOC
Full product code	871951451216000
Order code	51216000
Material Nr. (12NC)	911401880281
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514512160
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514512160

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401880281

