



CoreLine Recessed

RC136B 31S_37S_43S/840 PSU W60L60NOCELB3

CORELINE RECESSED GEN3 - 840 neutral white - Power supply unit

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 and as such is not protected against water ingress, so 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 and product warranty will become void

Product data

General Information			
Beam angle of light source	- °	Protection class IEC	Safety class I (I)
Light source colour	840 neutral white	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Light source replaceable	No	Flammability mark	F [For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	100 [Beam angle 100°]	Constant light output	No
Luminaire light beam spread	100°	Number of products on MCB (16 A type B)	35
Control interface	-	Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Connection	CU5 [Connection unit 5-pole]	EU RoHS compliant	Yes
Cable	Cable with connector 3-pole		

CoreLine Recessed

Product family code	RC136B [CORELINE RECESSED GEN3]
Unified glare rating CEN	25

Light Technical

Saturated Red	<50
---------------	-----

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	15.3 A
Inrush time	0.29 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Overall length	597 mm
Overall width	597 mm
Overall height	44 mm
Colour	White
Dimensions (height x width x depth)	44 x 597 x 597 mm (1.7 x 23.5 x 23.5 in)

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3100 3700 4300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	126 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Initial input power	25 29 34 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

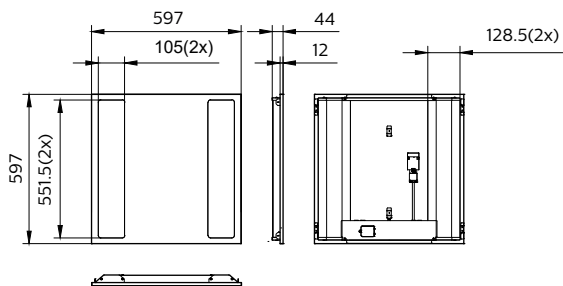
Ambient temperature range	0 to +25 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871869997549400
Order product name	RC136B 31S_37S_43S/840 PSU
	W60L60NOCELB3
EAN/UPC – product	8718699975494
Order code	97549400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505101242
SAP net weight (piece)	4.100 kg

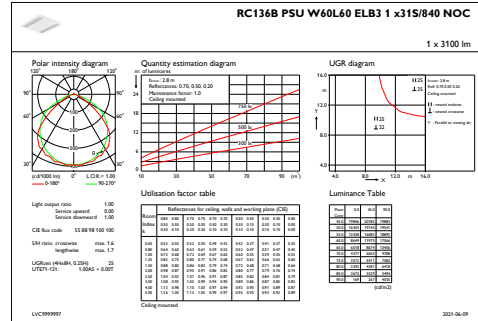
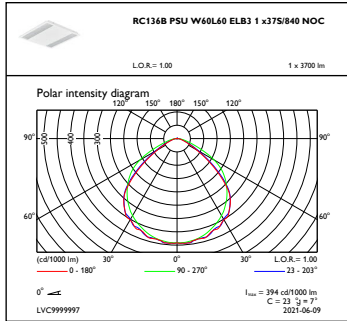


Dimensional drawing



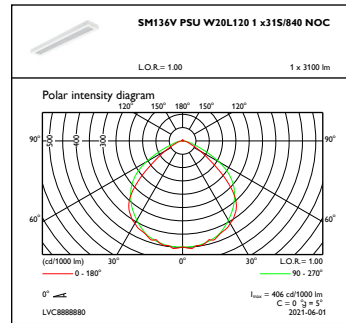
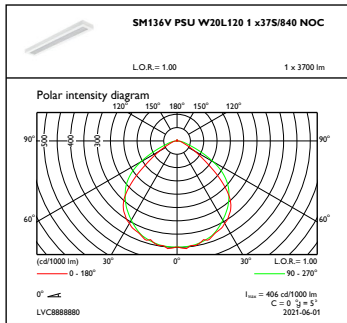
RC136B 31S_37S_43S/840 PSU W60L60NOCELB3

Photometric data



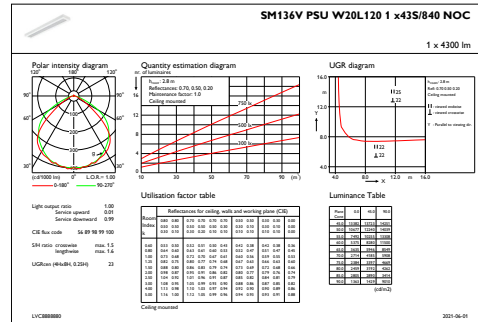
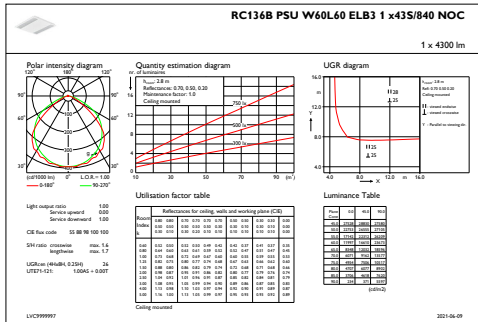
OFPC1_RC136BPSUW60L60ELB3x375840NOC

IFGU1_RC136BPSUW60L60ELB3x315840NOC



OFPC1_SM136VPSUW20L120x375840NOC

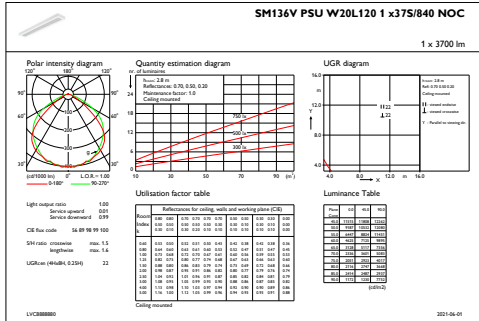
OFPC1_SM136VPSUW20L120x315840NOC



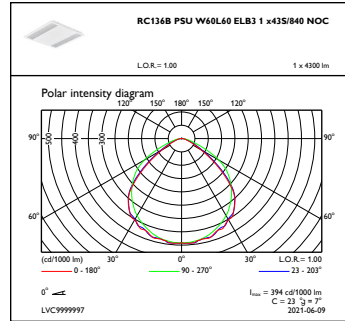
IFGU1_RC136BPSUW60L60ELB3x435840NOC

IFGU1_SM136VPSUW20L120x435840NOC

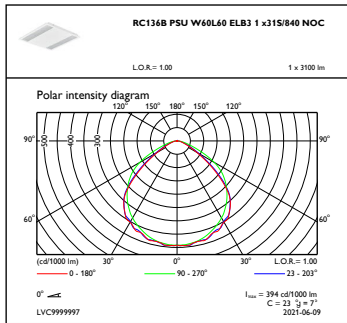
Photometric data



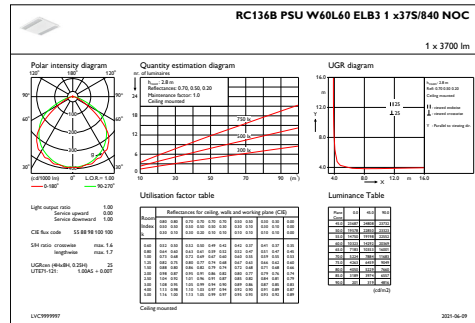
IFGU1_SM136VPSUW20L1201x375840NOC



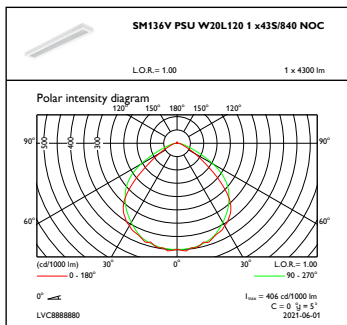
OFPC1_RC136BPSUW60L60ELB31x435840NOC



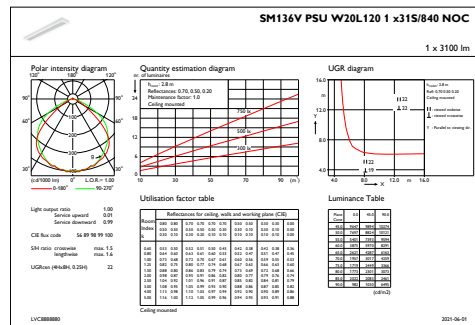
OFPC1_RC136BPSUW60L60ELB31x315840NOC



IFGU1_RC136BPSUW60L60ELB31x375840NOC



OFPC1_SM136VPSUW20L1201x435840NOC



IFGU1_SM136VPSUW20L1201x315840NOC

CoreLine Recessed

