CoreLine Panel

RC133V LED36S/840 W62L62 IA1 OC

840 neutral white - Power supply unit regulating

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 Panel range of LED products can be used to replace functional luminaires in general lighting applications. Both Non-Office Compliant (NOC) version and Office Compliant version (OC) are now available. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

General Information	
Beam angle of light source	120 °
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optic type	No [-]
Luminaire light beam spread	100°
Control interface	-
Connection	PIP [Push-in connector and pull relief]
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No

Number of products on MCB	24
RoHS mark	RoHS mark

Operating and Electrical	
Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	12 A
Inrush time	0.25 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminum
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	-

CoreLine Panel

Optical cover/lens finish	Opal
Overall length	622 mm
Overall width	622 mm
Overall height	42 mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	34 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

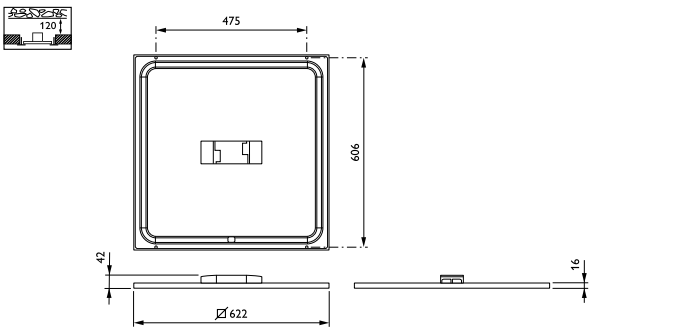
Ambient temperature range	+10 to +40 °C
Maximum dimming level	10%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869938522400
Order product name	RC133V LED36S/840 W62L62 IA1 OC
EAN/UPC – product	8718699385224
Order code	38522400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912401483129
Net weight (piece)	3.750 kg

F 650°C 30s IP 20/44 IK 02

Dimensional drawing



CoreLine Panel RC132V/RC133V

© 2018 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.