



CoreLine Panel – the clear choice for LED

CoreLine Panel

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.

Benefits

- Enables a simple switch from basic conventional luminaires to LED luminaires
- Energy savings of up to 40% compared to functional TL-D luminaires
- Uniform surface of light

Features

- Integrated LED technology
- Slim square housing
- Choice of two color temperatures: 3000 and 4000 K
- Non-Office Compliant (NOC) version and Office Compliant version (OC) available

Application

- Offices
- Retail
- Healthcare

Specifications

Type	RC125B (module size 600 mm version) RC126B (module size 625 mm version)
Ceiling type	Exposed T-bar ceiling

Ceiling grid	Module size in length: 600 mm Module size in length: 625 mm
Light source	Non-replaceable LED module

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Power (+/-10%)	Standard version: 41 W NOC version: 42 W
Beam angle	Standard version: 110° NOC version: 120°
Luminous flux	3400 lm
Correlated Color	3000 K
Temperature	4000 K
Color Rendering Index	> 80
Median useful life	50,000 hours
L70B50	
Median useful life	30,000 hours
L80B50	
Median useful life	15,000 hours
L90B50	
Driver failure rate	0.38% per 5000 hours

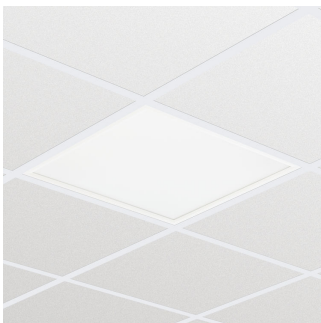
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40°C
Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz
Material	Housing: zinc-coated steel Rim and diffuser: plastic (aluminum rim for NOC versions) Optical cover: PMMA
Color	White
Connection	Push-in connector (PI) or with pull relief (PIP)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids No through-wiring possible
Remarks	Includes safety cable

Specifications

Type	RC127V (module size 600 x 600 and 300 x 1200 mm versions) RC128V (module size 625 x 625 mm version)
Ceiling type	Exposed T-bar ceiling
Ceiling grid	Module size in length: 600 mm Module size in length: 625 mm Module size in length: 1200 mm
Light source	Non-replaceable LED module
Power	42 W
Beam angle	120°
Luminous flux	3400 lm
Correlated Color	3000 K
Temperature	4000 K
Color Rendering Index	> 80
Median useful life	50,000 hours
L70B50	
Median useful life	30,000 hours
L80B50	
Median useful life	15,000 hours
L90B50	

Driver failure rate	0.38% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	220-240 V / 50-60 Hz
Dimming	DALI
Material	Housing: steel Rim: aluminum Diffuser: polystyrene
Color	White (RAL 9016)
Connection	Push-in connector (PI) or with pull relief (PIP)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids No through-wiring possible
Remarks	Includes safety cable

Versions

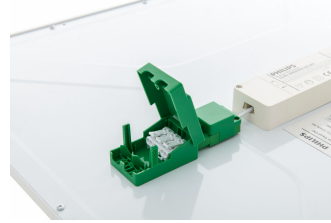


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Product details



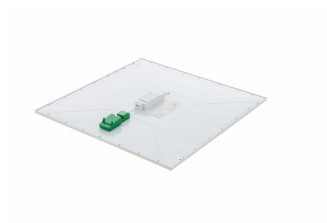
Edge View



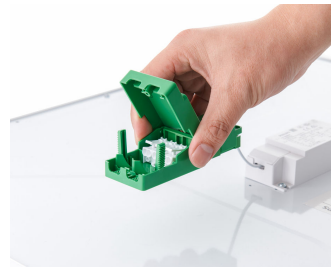
On/off (PSU) Connector



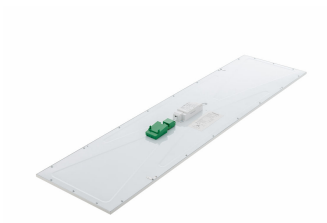
On/off (PSU) Driver



PSU backcover Square



On/off (PSU) Connector with hand



PSU backcover Rectangular

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Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20/44

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM ≤3
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	>80
Initial LED luminaire efficacy	123 lm/W
Initial luminous flux	3600 lm
Luminous flux tolerance	+/-10%
Initial input power	29 W

Mechanical and Housing

Colour	White
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General Information

Order Code	Full Product Name	Optic type
36035500	RC132V G4 LED36S/840 PSU W60L60 NOC	120
36044700	RC132V G4 LED36S/840 PSU W30L120 OC	90

