



PHILIPS RC132V Core Line Panel Owner's Manual

[Home](#) » [Philips](#) » PHILIPS RC132V Core Line Panel Owner's Manual 

PHILIPS
Lighting



CoreLine Panel

Contents

- [1 RC132V Core Line Panel](#)
- [2 Product data](#)
- [3 Dimensional diagram](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)

RC132V Core Line Panel

RC132V G5 36S/840 PSU W30L120 NOC

CoreLine Panel, 28.5 W, 1200×300 mm, 3600 lm, 4000 K

CoreLine Panel gen5 delivers on the CoreLine promise of innovative, easy installation and excellent illumination. Designed as a direct replacement for conventional luminaires in general lighting applications, the CoreLine Panel's

innovative MultiLumen feature offers three luminaires in one: selecting the most suitable flux for the application is done directly via a switch on the rear of the luminaire. More suitable illumination with fewer product codes to store. Installation is also quick and easy, thanks to a quick-release connector. Interact Ready luminaires with integrated wireless communications are also available in this range, ready to be used with Interact gateways, sensors and software.

Product data

General information	
Replaceable light source	No
Number of fixtures	1 unit
Driver included	Yes
Lamp type	LED
Added value	Performance
CE marking	Yes
Warranty	5 years
Flammability	For mounting on normally flammable surfaces
ENEC marking	ENEC marking
Glow wire test	Temperature 650 °C, duration 30 s
RoHS compliant	Yes

Technical data of the lighting

Luminous flux	3,600 lm
Saturated red (R9)	<50
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (nominal)	125 lm/W
Colour rendering index (CRI)	≥80
Flicker value (PstLM)	1
Strobe value (SVM)	0.4
Colour temperature	840 neutral white
Optic type	Beam opening angle 120°
Light beam diffusion of the luminaire	120°
UGR index	22

Operation and electricity

Input voltage	220-240 V
Linear frequency	50 or 60 Hz
Inrush current	16 A
Inrush current duration	0,2 ms
Power consumption	28,5 W
Power factor (fraction)	0.9
Connection	3-pole push connector
Cable	–
Number of products per 16 A type B circuit breaker	21

Temperature

Ambient temperature range	-10 to +40°C
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Controls and dimming

Dimming	No
Driver / Power supply unit / Transformer	Power supply unit (On/Off)
Control interface	–
Constant luminous flux	No

Mechanics and Housing

Body Materials	Steel
Reflector Materials	Acrylate
Optical Materials	Polystyrene
Optical Cover/Lens Materials	Acrylate
Mounting Materials	–
Body Color	White
Optical Cover/Lens Finish	Opal
Overall Length	1195 mm
Overall Width	295 mm
Overall Height	61 mm
Dimensions (Height x Width x Depth)	61 x 295 x 1195 mm

Approbation application

Protection index	IP20/44 [Finger protection, wire protection, splash protection]
Protection against mechanical shock	IK03 [0.3 J]
Durability assessment	–
IEC protection class	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

Initial performance

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/-10%

Lifetimes (IES compliant)

Equipment failure rate at average useful life of 50,000 h	5%
Output luminous flux at average useful life* of 50,000 h	L90
Output luminous flux at average useful life* of 100,000 h	L80

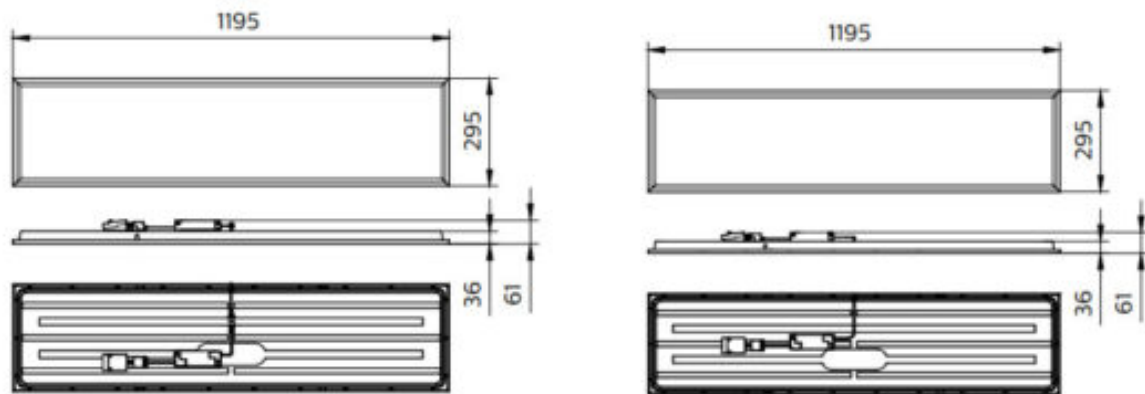
Application conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Oui

Product data

Order Product Name	RC132V G5 36S/840 PSU W30L120 NOC
Full Product Name	RC132V G5 36S/840 PSU W30L120 NOC
EOC Code	871951495003000
Order Code	95003000
12NC Code	911401840984
Pack Quantity	1
EAN Code – Product/Box	8719514950030
Carton Packaging	1
EAN/UPC Codes – Box	8719514950030

Dimensional diagram




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2023, December 5 – Data is subject to change

Documents / Resources

	<p>PHILIPS RC132V Core Line Panel [pdf] Owner's Manual RC132V, G5, 36S-840, PSU, W30L120, NOC, RC132V Core Line Panel, RC132V, Core Line Panel, Line Panel, Panel</p>
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References

- [User Manual](#)

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