PHILIPS Lighting



CoreLine Panel

RC132V G4 LED36S/840 PSD W60L60 OC

840 neutral white - Power supply unit with DALI interface

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. Also available as an Interact Ready wireless CoreLine luminaire panel that works with Interact Pro lighting software and InteractReady devices to provide a connected lighting system for SMEs

Product data

General Information		
Beam angle of light source	_ °	
Light source colour	840 neutral white	
Light source replaceable	No	
Number of gear units	1 unit	
Driver/power unit/transformer	PSD [Power supply unit with DALI	
	interface]	
Driver included	Yes	
Optic type	90 [Beam angle 90°]	
Luminaire light beam spread	90°	
Control interface	-	
Connection	Connection unit 2-pole	
Cable	-	
Protection class IEC	Safety class II	
Glow-wire test	Temperature 650 °C, duration 30 s	
Flammability mark	NO [-]	

CE mark	CE mark	
ENEC mark	ENEC mark	
Warranty period	5 years	
Constant light output	No	
Number of products on MCB (16 A type B)	30	
Photobiological risk	Photobiological risk group 0 @ 200mm	
	to EN62471	
EU RoHS compliant	Yes	
Unified glare rating CEN	19	
Light Technical		
Saturated Red	<50	
Operating and Electrical		
Input Voltage	220 to 240 V	
Input frequency	50 or 60 Hz	

CoreLine Panel

Initial CLO power consumption	- W		
Average CLO power consumption	- W		
Inrush current	14.1 A		
Inrush time	0.212 ms		
Power factor (min.)	0.9		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Housing material	Steel		
Reflector material	Acrylate		
Optic material	Polystyrene		
Optical cover/lens material	Polystyrene		
Fixation material	-		
Optical cover/lens finish	Opal		
Overall length	595 mm		
Overall width	595 mm		
Overall height	11 mm		
Colour	White		
Dimensions (height x width x depth)	11 x 595 x 595 mm (0.4 x 23.4 x 23.4 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)	3600 lm		
Luminous flux tolerance	+/-10%		
Initial LED luminaire efficacy	123 lm/W		
Init. Corr. Colour Temperature	4000 K		
Init. Colour rendering index	>80		
Initial chromaticity	(0.38, 0.38) SDCM ≤3		

Initial input power	29 W	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %	
50,000 h		
Lumen maintenance at median useful life*	-	
35,000 h		
Lumen maintenance at median useful life*	L80	
50,000 h		
Lumen maintenance at median useful life*	-	
75,000 h		
Lumen maintenance at median useful life*	-	
100,000 h		
Application Conditions		
Ambient temperature range	+10 to +40 °C	
Performance ambient temperature Tq	25 ℃	
Maximum dimming level	1%	
Suitable for random switching	Not applicable	
Product Data		
Full product code	871016336045400	
Order product name	RC132V G4 LED36S/840 PSD W60L60	
	ОС	
EAN/UPC – product	8710163360454	
Order code	36045400	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	1	
SAP material	911401878980	
SAP net weight (piece)	2.900 kg	



Dimensional drawing



CoreLine Panel RC132V/RC133V

CoreLine Panel

Photometric data

	RC132V G4 W60L60 PSD 1 xLED36S/840 OC		
\sim		1 × 3600 lm	
Polar intensity diagram	Quantity estimation diagram UGR diagram	am	
		119 119 119 119 110 110 110 110	
	Utilisation factor table Luminance	Table	
Light output ratio 1.00 Service upward 0.00 Service downward 1.00 CIE flux code 60.87.97.100.100	10dex 0.0 000 000 000 000 000 000 000 000 00	4.1 903 3877 4136 3827 2376 2389 2389	
UGRom (Health, 0.25H) 19 EN13464-1 65 dag, 3000 odin2	Ca0 L17 Co1 Co14 Co	All Add All Add All Add Ball Add Ball Ether Ball Ether	
1.9(71191290	Ceiling mounted	2000-41-27	

IFGU1_RC132VG4W60L60PSD1xLED36S840OC



OFPC1_RC132VG4W60L60PSD1xLED36S840OC



© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2021, November 2 - data subject to change