



CoreLine Panel G6

RC132V G6 29_36_43S/830_40 PSD W60L60 OC

CoreLine Panel G6, All-in, 31 W, 22 W, 600x600 mm, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 3500 K, 4000 K, DALI

Philips CoreLine panel Gen6 delivers on the CoreLine promise of innovation, easy installation, and excellent illumination. Designed as a direct replacement for functional luminaires in general lighting applications, this LED panel light's innovative All-in feature offers a choice of three lumen packages and three-color temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Installing the CoreLine RC132V LED panel is quick and easy, using the product's quick connector or flywire. The CoreLine range includes Interact Ready luminaires with integrated wireless communications, ready to be used with Interact gateways, sensors, and software.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Safety device	SC [Safety cable]
Light Technical	
Luminous Flux	2,900 3,100 3,350 3,600 4,000 4,300 lm
Luminous Efficacy (rated) (Nom)	141 139 lm/W
Correlated Color Temperature (Nom)	3000 3500 4000 K
Color rendering index (CRI)	>80

Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen and Multi Color
	Temperature

Datasheet, 2024, July 10 data subject to change

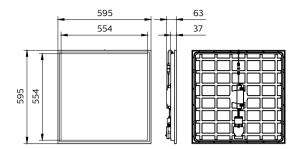
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Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	26 A
Inrush time	0.26 ms
Power Consumption	31 22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	15
Temperature	
Ambient temperature range	-10 to +35 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	63 mm
Dimensions (Height x Width x Depth)	63 x 595 x 595 mm
Compatible ceiling or ceiling installation	Visible profile ceiling version
accessory type	
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful life	e 5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L75
100000 h	
100000 h	
100000 h Application Conditions	
	25 °C
Application Conditions	25 °C
Application Conditions Performance ambient temperature Tq Maximum dim level	1%
Application Conditions Performance ambient temperature Tq	
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Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Not applicable
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Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	1% Not applicable RC132V G6 29_36_43S/830_40 PSD W60L60 OC RC132V G6 29_36_43S/830_40 PSD W60L60 OC 872016973519499 911401891285
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	1% Not applicable RC132V G6 29_36_43S/830_40 PSD W60L60 OC RC132V G6 29_36_43S/830_40 PSD W60L60 OC 872016973519499 911401891285 911401891285
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Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	1% Not applicable RC132V G6 29_36_43\$/830_40 PSD W60L60 OC RC132V G6 29_36_43\$/830_40 PSD W60L60 OC 872016973519499 911401891285 911401891285

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Dimensional drawing





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