



CoreLine panel

RC132V G5 36S/840 PSU W30L120 OC

CoreLine panel, 28.5 W, 1200x300 mm, 3600 lm, 4000 K, UGR19

Philips CoreLine panel Gen5 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 MultiLumen feature offers a choice of three lumen packages 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 this CoreLine RC132V LED panel is quick and easy too, thanks to a quick connector or Wieland connector. Interact Ready luminaires with integrated wireless communications are also available in this CoreLine range, ready to be used with Interact gateways, sensors and software.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,600 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°

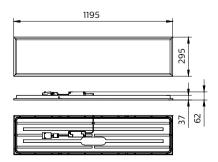
Datasheet, 2023, October 19 data subject to change

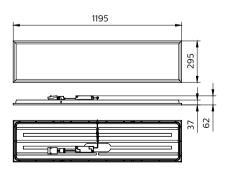
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Unified glare rating CEN Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Inrush current 16 A Inrush time 0.2 ms Power Consumption 28.5 W Power Factor (Fraction) Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range Input Yoltage No Driver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Optical cover material Housing Color White Optical cover finish Microprismatic lens Overall length Ingress protection code IP20/44 [Finger-protected; wire-protected; splash-proof] Ingress protection code IP20/44 [Finger-protected; wire-protected; splash-proof]		
Input Voltage 220-240 V Line Frequency 50 or 60 Hz Inrush current 16 A Inrush time 0.2 ms Power Consumption 28.5 W Power Factor (Fraction) 0.9 Connection Push-in connector 3-pole Cable - Number of products on MCB of 16 A type B 21 Temperature Ambient temperature range -10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Steel Reflector material Acrylate Optic material Polystyrene Optical cover material Acrylate Fixation material - Housing Color White Optical cover finish Microprismatic lens Overall length Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Unified glare rating CEN	19
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Inrush current Inrush time O.2 ms Power Consumption 28.5 W Power Factor (Fraction) O.9 Connection Push-in connector 3-pole Cable - Number of products on MCB of 16 A type B 21 Temperature Ambient temperature range Inrush time No Driver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optic material Optic and cover material Housing Color Optical cover finish Microprismatic lens Overall length Overall width Overall height x Width x Depth) Ingress protection code IP20/44 [Finger-protected; wire-	Input Voltage	220-240 V
Inrush time 0.2 ms Power Consumption 28.5 W Power Factor (Fraction) 0.9 Connection Push-in connector 3-pole	Line Frequency	50 or 60 Hz
Power Consumption 28.5 W Power Factor (Fraction) 0.9 Connection Push-in connector 3-pole	Inrush current	16 A
Power Factor (Fraction) Connection Push-in connector 3-pole - Number of products on MCB of 16 A type B 21 Temperature Ambient temperature range -10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Control interface - Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optic material - Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall width Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Inrush time	0.2 ms
Connection Cable - Number of products on MCB of 16 A type B 21 Temperature Ambient temperature range -10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Steel Reflector material Acrylate Optic material Optic material Polystyrene Optical cover material - Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall width Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Power Consumption	28.5 W
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range -10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optic material Optical cover material Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall width 295 mm Overall height Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Power Factor (Fraction)	0.9
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Optical cover material Optical cover material Acrylate Fixation material - Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Housing Material	Steel
Optical cover material Acrylate Fixation material - Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Reflector material	Acrylate
Fixation material - Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Optic material	Polystyrene
Housing Color White Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Optical cover material	Acrylate
Optical cover finish Microprismatic lens Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Fixation material	-
Overall length 1,195 mm Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Housing Color	White
Overall width 295 mm Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Optical cover finish	Microprismatic lens
Overall height 62 mm Dimensions (Height x Width x Depth) 62 x 295 x 1195 mm Approval and Application Ingress protection code IP20/44 [Finger-protected; wire-	Overall length	1,195 mm
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Ingress protection code IP20/44 [Finger-protected; wire-	Approval and Application	
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Mech. impact protection code	IK03 [0.3 J]	
Sustainability rating	-	
Protection class IEC	Safety class II	
Photobiological risk	Photobiological risk group 0 @200mm	
	to EN62778	
Photobiological risk specification	0.2 m	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	L90	
50000 h		
Lumen maintenance at median useful life*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	RC132V G5 36S/840 PSU W30L120 OC	
Full product name	RC132V G5 36S/840 PSU W30L120 OC	
Full product code	871951495007800	
Order code	911401841384	
Material Nr. (12NC)	911401841384	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514950078	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8719514950078	

Dimensional drawing





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