



CoreLine panel

RC132V LED36S/840 PSU W30L120 OC

CoreLine panel, 33 W, 1200x300 mm, 3600 lm, 4000 K, UGR19

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.

Product data

General Information	
Lamp family code	LED36S [LED module, system flux 3600 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	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
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	90°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	33 W

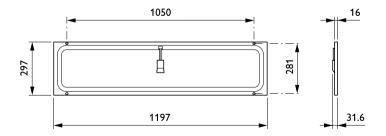
Datasheet, 2023, August 3 data subject to change

CoreLine panel

Inrush time 0.3 ms Power Consumption 33 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable Cable 0.25 m with push-in connector 3-pole Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming No Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Aluminum Housing Material Aluminum Reflector material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Optical cover material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application Ingress protection code		
Power Consumption 33 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable Cable 0.25 m with push-in connector 3-pole Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Inrush current	6 A
Connection Push-in connector and pull relief Cable Cable 0.25 m with push-in connector 3-pole 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) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Polymethyl methacrylate Optic material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Inrush time	0.3 ms
Connection Push-in connector and pull relief Cable Cable 0.25 m with push-in connector 3-pole 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) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Polymethyl methacrylate Optic material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Power Consumption	33 W
Cable 0.25 m with push-in connector 3-pole 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) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Power Factor (Fraction)	0.9
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) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Connection	Push-in connector and pull relief
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm	Cable	Cable 0.25 m with push-in connector 3-pole
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Number of products on MCB of 16 A type	24
Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height X Width x Depth) 32 x 297 x 1197 mm Approval and Application	В	
Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height X Width x Depth) 32 x 297 x 1197 mm Approval and Application		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Temperature	
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Optic material Polymethyl methacrylate Optical cover material Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) Approval and Application	Ambient temperature range	+10 to +40 °C
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material Optic material Polymethyl methacrylate Optical cover material Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Dimensions (Height x Width x Depth) Approval and Application		
Driver/power unit/transformer Power supply unit (On/Off) Constant light output Yes Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Controls and Dimming	
Constant light output Yes Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height Dimensions (Height x Width x Depth) Approval and Application	Dimmable	No
Mechanical and Housing Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Driver/power unit/transformer	Power supply unit (On/Off)
Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Constant light output	Yes
Housing Material Aluminum Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application		
Reflector material - Optic material Polymethyl methacrylate Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Mechanical and Housing	
Optical cover material Polymethyl methacrylate Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) Approval and Application	Housing Material	Aluminum
Optical cover material Polymethyl methacrylate Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Reflector material	-
Fixation material Aluminum Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Optic material	Polymethyl methacrylate
Housing Color White Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Optical cover material	Polymethyl methacrylate
Optical cover finish Opal Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Fixation material	Aluminum
Overall length 1,197 mm Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Housing Color	White
Overall width 297 mm Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Optical cover finish	Opal
Overall height 32 mm Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Overall length	1,197 mm
Dimensions (Height x Width x Depth) 32 x 297 x 1197 mm Approval and Application	Overall width	297 mm
Approval and Application	Overall height	32 mm
	Dimensions (Height x Width x Depth)	32 x 297 x 1197 mm
Ingress protection code IP20/44 [Finger-protected; wire-protected,	Approval and Application	
	Ingress protection code	IP20/44 [Finger-protected; wire-protected,

Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class II
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	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable
Product Data	
Order product name	RC132V LED36S/840 PSU W30L120 OC
Full product name	RC132V LED36S/840 PSU W30L120 OC
Full product code	871869938102800
Order code	38102800
Material Nr. (12NC)	910503910314
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699381028
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699381028

Dimensional drawing



splash-proof]

CoreLine panel



© 2023 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.