PHILIPS Lighting



CoreLine panel

RC132V LED36S/840 W30L120 IA1 OC

CoreLine panel, 34 W, 1200x300 mm, 3600 lm, 4000 K, Wireless, Interact Ready, 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. 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':
	statistically there is no relevant difference in
	lumen maintenance between the B50 and,
	for example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Connectivity	Interact Ready
Lighting Technology	LED
Value ladder	Performance

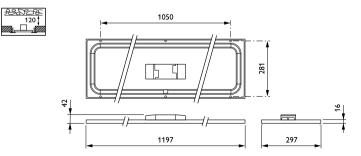
Embedded control	Interact SNS210 sensor
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,600 lm
Convoluted Colour Terrenewature	
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	4000 K 100 lm/W
· · ·	

CoreLine panel

Beam angle of light source	120 degree(s)
Light source colour	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	35 W
Inrush current	8 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Wireless
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,197 mm
Overall width	297 mm

Dimensions (height x width x depth) 42 x 297 x 1197 mm Approval and Application IP20/44 [Enger-protected; wire-protected splash-proof] Mech. impact protection code IK03 [0.3 J] Sustainability rating - Protection class IEC Safety class I Initial Performance (IEC Compliant) Initial chromaticity 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 Control gear failure rate at median useful 5 % Itife 50,000 h Itife 50,000 h Lumen maintenance at median useful life* L75 S0,000 h Suitable for random switching Yes Performance ambient temperature Tq Product Data Over Site Site Site Site Site Site Site Site	Overall height	42 mm
Ingress protection code IP20/44 [Finger-protected; wire-protected splash-proof] Mech. impact protection code IK03 [0.3 J] Sustainability rating - Protection class IEC Safety class I 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 50,000 h Lumen maintenance at median useful life* L75 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data Order product name RC132V LED36S/840 W30L120 IA1 OC Full	Dimensions (height x width x depth)	42 x 297 x 1197 mm
Ingress protection code IP20/44 [Finger-protected; wire-protected splash-proof] Mech. impact protection code IK03 [0.3 J] Sustainability rating - Protection class IEC Safety class I 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 % Iife 50,000 h Lumen maintenance at median useful life* L75 50,000 h Lumen maintenance at median useful life* L75 50,000 h Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data Order product name RC132V LED36S/840 W30L120 IA1 OC Full Product name RC132V	Approval and Application	
splash-proof] Mech. impact protection code IK03 [0.3 J] Sustainability rating - Protection class IEC Safety class I Initial Performance (IEC Compliant) Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.38, 0.38) SDCM <3		
Mech. impact protection codeIK03 [0.3 J]Sustainability rating-Protection class IECSafety class IInitial Performance (IEC Compliant)-Luminous flux tolerance+/-10%Initial chromaticity(0.38, 0.38) SDCM <3Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)-Control gear failure rate at median useful5 %Lumen maintenance at median useful life*L7550,000 h-Application Conditions-Performance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesProduct DataRC132V LED36S/840 W30L120 IA1 OCFull product nameRC132V LED36S/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	Ingress protection code	
Sustainability rating-Protection class IECSafety class IInitial Performance (IEC Compliant)Initial Performance (IEC Compliant)Luminous flux tolerance+/-10%Initial chromaticity(0.38, 0.38) SDCM <3		
Protection class IEC Safety class I Initial Performance (IEC Compliant) Initial chromaticity Luminous flux tolerance +/-10% Initial chromaticity (0.38, 0.38) SDCM <3		IK03 [0.3 J]
Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.38, 0.38) SDCM <3		-
Luminous flux tolerance+/-10%Initial chromaticity(0.38, 0.38) SDCM <3	Protection class IEC	Safety class I
Initial chromaticity(0.38, 0.38) SDCM <3Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)Control gear failure rate at median useful5 %life 50,000 hLumen maintenance at median useful life*L7550,000 hApplication ConditionsPerformance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesProduct DataRC132V LED36S/840 W30L120 IA1 OCFull product nameRC132V LED36S/840 W30L120 IA1 OCFull EOC38523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	Initial Performance (IEC Compliant)	
Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5 % life 50,000 h Lumen maintenance at median useful life* L75 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5 % life 50,000 h	Initial chromaticity	(0.38, 0.38) SDCM <3
Control gear failure rate at median useful5 %life 50,000 hLumen maintenance at median useful life*L7550,000 hS0,000 hS0,000 hApplication ConditionsPerformance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesYesProduct DataOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC38523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	Power consumption tolerance	+/-10%
Control gear failure rate at median useful5 %life 50,000 hLumen maintenance at median useful life*L7550,000 hS0,000 hS0,000 hApplication ConditionsPerformance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesYesProduct DataOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC38523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1		
life 50,000 h Lumen maintenance at median useful life* L75 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data Order product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full product name 10% Satistication Sat	Over Time Performance (IEC Complia	ant)
Lumen maintenance at median useful life*L7550,000 hApplication ConditionsPerformance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesProduct DataCriteria Product nameOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	Control gear failure rate at median useful	5 %
50,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data Order product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC — Product/Case 8718699385231 Numerator – packs per outer box 1	life 50,000 h	
Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 10% Suitable for random switching Yes Product Data Ves Order product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED36S/840 W30L120 IA1 OC Full product name RC132V LED36S/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Lumen maintenance at median useful life*	L75
Performance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesProduct DataYesOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	50,000 h	
Performance ambient temperature Tq25 °CMaximum dim level10%Suitable for random switchingYesProduct DataYesOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1	Application Conditions	
Maximum dim level10%Suitable for random switchingYesProduct DataYesOrder product nameRC132V LED365/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1		25 °C
Suitable for random switchingYesProduct DataRC132V LED365/840 W30L120 IA1 OCOrder product nameRC132V LED365/840 W30L120 IA1 OCFull product nameRC132V LED365/840 W30L120 IA1 OCFull EOC871869938523100Order code38523100Material no. (12 NC)912401483130SAP numerator – quantity per pack1EAN/UPC – Product/Case8718699385231Numerator – packs per outer box1		
Product Data Order product name RC132V LED365/840 W30L120 IA1 OC Full product name RC132V LED365/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1		
Order product name RC132V LED36S/840 W30L120 IA1 OC Full product name RC132V LED36S/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1		
Full product name RC132V LED36S/840 W30L120 IA1 OC Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Product Data	
Full EOC 871869938523100 Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Order product name	RC132V LED36S/840 W30L120 IA1 OC
Order code 38523100 Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Full product name	RC132V LED36S/840 W30L120 IA1 OC
Material no. (12 NC) 912401483130 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Full EOC	871869938523100
SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718699385231 Numerator – packs per outer box 1	Order code	38523100
EAN/UPC - Product/Case 8718699385231 Numerator - packs per outer box 1	Material no. (12 NC)	912401483130
Numerator – packs per outer box 1	SAP numerator – quantity per pack	1
		8718699385231
EAN/UPC - Case 8718699385231	EAN/UPC — Product/Case	0/10055505251

Dimensional drawing



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.

www.lighting.philips.com 2023, December 5 - data subject to change