

Lighting

PHILIPS

Slim with high efficacy

GreenPerform Panel

GreenPerform Panel RC160 is a slim Panel with high efficacy in the market. It offers two lumen options with four dimension types, 200X1200, 300X1200, 600x600,600x1200, and three mounting options, recessed, suspended and plaster ceiling. It also offers the connectivity like the system of Interact Office, POE, tunable white.

Benefits

- \cdot High energy saving
- Covers most types of ceilings with different size of 200X1200, 300X1200, 600X600 and 600X1200
- Good light quality
- Reliable performance
- \cdot Easy maintenances and installation
- Office compliant UGR19 and UGR16 versions are available for better visual comfort

Features

- System efficiency 110lm/W (non UGR19/16 versions)
- CRI >80, SDCM 4
- Lifetime: 50k hours (L80@25deg)
- \cdot UGR19 and UGR16 available for certain types
- IP44 front/IP20 back available for certain types

Application

- Offices
- Residential

GreenPerform Panel

Versions





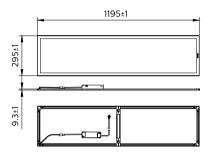


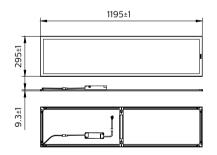
60 60+logo fa

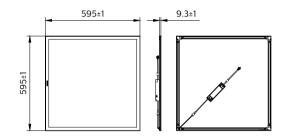
30 120+logo fa

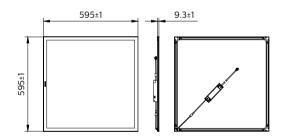
Green Perform Panel 30 120

Dimensional drawing









GreenPerform Panel

General Information	
CE mark	CE mark
ENEC mark	-
Flammability mark	-
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	110 lm/W
Luminous Flux	4,000 lm
Operating and Electrical	
Input Voltage	220 to 240 V
Power Consumption	36 W
Temperature	
Ambient temperature range	-20 to +45 °C
Mechanical and Housing	
Housing Color	White
Approval and Application	
Ingress protection code	IP20
Over Time Performance (IEC Comp	oliant)
Median useful life L80B50	50,000 h

General Information (1/2)

		Driver		Light source	Number of
Order Code	Full Product Name	included	Glow-wire test	replaceable	gear units
911401719602	RC160V LED40S 840	Yes	Temperature 650 °C,	No	1 unit
	W60L60 PSU OC CAU		duration 30 s		
911401719612	RC160V LED40S 840	Yes	Temperature 650 °C,	No	1 unit
	W30L120 PSU OC CAU		duration 30 s		
911401755052	RC160X LED40S 840	-	-	-	-
	W30L120 IAP OC CAU				

General Information (2/2)

Order Code	Full Product Name	Service tag
911401719602	RC160V LED40S 840 W60L60 PSU OC CAU	Yes
911401719612	RC160V LED40S 840 W30L120 PSU OC CAU	Yes

Order Code	Full Product Name	Service tag
911401755052	RC160X LED40S 840 W30L120 IAP OC CAU	-

Light Technical

		Beam angle of		Optic
Order Code	Full Product Name	light source	Optical cover type	type
911401719602	RC160V LED40S 840	- degree(s)	Polystyrene bowl/	Wide
	W60L60 PSU OC CAU		cover prismatic	beam
911401719612	RC160V LED40S 840	- degree(s)	Polystyrene bowl/	Wide
	W30L120 PSU OC		cover prismatic	beam
	CAU			

		Beam angle of		Optic
Order Code	Full Product Name	light source	Optical cover type	type
911401755052	RC160X LED40S 840	-	Acrylate cover and	-
	W30L120 IAP OC CAU		semi-matt high-	
			reflective optic	

Operating and Electrical

Orde	er Code	Full Product Name	Line Frequency
91140	01719602	RC160V LED40S 840 W60L60 PSU OC CAU	50 to 60 Hz
91140	01719612	RC160V LED40S 840 W30L120 PSU OC CAU	50 to 60 Hz

Order Code	Full Product Name	Line Frequency
911401755052	RC160X LED40S 840 W30L120 IAP OC CAU	50 or 60 Hz

Controls and Dimming

GreenPerform Panel

Order Code	Full Product Name	Dimmable
911401719602	RC160V LED40S 840 W60L60 PSU OC CAU	No
911401719612	RC160V LED40S 840 W30L120 PSU OC CAU	No

Order Code Full Product Name	Dimmable
911401755052 RC160X LED40S 840 W30L120 IAP OC	CAU Yes

Approval and Application

			Mech. impact
Order Code	Full Product Name	Protection class IEC	protection code
911401719602	RC160V LED40S 840 W60L60	Safety class II	IK03
	PSU OC CAU		
911401719612	RC160V LED40S 840 W30L120	Safety class II	IK03
	PSU OC CAU		

			Mech. impact
Order Code	Full Product Name	Protection class IEC	protection code
911401755052	RC160X LED40S 840 W30L120	Safety class III	-
	IAP OC CAU		

Initial Performance (IEC Compliant)

			Luminous flux				Luminous flux
Order Code	Full Product Name	Initial chromaticity	tolerance	Order Code	Full Product Name	Initial chromaticity	tolerance
911401719602	RC160V LED40S 840 W60L60	(0.43, 0.40) SDCM<4	+/-5%	911401755052	RC160X LED40S 840 W30L120	-	+/-10%
	PSU OC CAU				IAP OC CAU		
911401719612	RC160V LED40S 840 W30L120	(0.43, 0.40) SDCM<4	+/-5%				
	PSU OC CAU						

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401719602	RC160V LED40S 840 W60L60 PSU OC CAU	Not applicable
911401719612	RC160V LED40S 840 W30L120 PSU OC CAU	Not applicable

Order Code	Full Product Name	Maximum dim level
911401755052	RC160X LED40S 840 W30L120 IAP OC CAU	-



© 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. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2023, November 28 - data subject to change