When light addresses the needs for cleanroom

GreenPerform Cleanroom Surface Mount Panel

Philips GreenPerform Cleanroom Surface Mount Panel is a Cleanroom family dedicated for pharmaceutical industry where surface mounted installation is required. It provides full sizes (260*600/260*1190/600*1200/600*600mm) to fit all the applications. Its IP54(front side)/20 (back side) protection not only meets the Cleanroom IP request, but also for better protection. Easy installation mechanism further helps save on-site installation time to reduce total investment as well.

Benefits
- High system efficacy with 100lm/w
- IP54 for front ingress protection and IP20 for the back
- Easy slide-in mechanism

Features
- Better energy saving with high lm/w
- Less maintenance is needed with IP54 front protection
- Dedicated mechanism to save on-site installation time

Application
- Cleanroom for surface mount installation

Specifications

Mounting type	Surface		Mains Voltage	220-240V/50-60Hz
Operating Temperature range	-20 to +45℃		Dimming	PSU
			Material	Housing: Mental-plastic
Light Source	LED			

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Lumen maintenance at median useful life 50.000h	L80
Control gear failure rate at median useful life 50.000h	5%
Luminous flux	2500/4000/6500lm
Luminaire efficacy	100lm/W
Correlated color temperature – CCT	3000K/4000K/6500K
Color Rendering index – CRI	>80

Mechanical impact protection	IK02
Ingress protection	IP40
Light source replaceable	Yes
Overall height	15mm
Overall length	600/1200mm
Overall width	260/600mm
Warranty	5 year

Versions

GreenPerform Cleanroom Surface Mount Panel

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Dimensional drawing

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Dimensional drawing

General Information

CE mark	–
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Optical cover type	Polystyrene bowl/cover prismatic
Color rendering index (CRI)	>80

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

Temperature

Ambient temperature range	–20 to +45 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	White and gray

Approval and Application

Protection class IEC	Safety class II
Mech. impact protection code	IK02
Ingress protection code	IP40/IP54 front

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401536091	CR500C LED40/840 W26L119 PSU	4000 K	100 lm/W	4,000 lm
911401536191	CR500C LED40/830 W26L119 PSU	3000 K	100 lm/W	4,000 lm
911401536291	CR500C LED40/865 W26L119 PSU	6500 K	100 lm/W	4,000 lm
911401536991	CR500C LED60/840 W60L120 PSU	4000 K	108 lm/W	6,500 lm
911401537191	CR500C LED60/865 W60L120 PSU	6500 K	108 lm/W	6,500 lm
911401535791	CR500C LED25/840 W26L60 PSU	4000 K	100 lm/W	2,500 lm
911401535991	CR500C LED25/865 W26L60 PSU	6500 K	100 lm/W	2,500 lm
911401536391	CR500C LED25/840 W60L60 PSU	4000 K	100 lm/W	2,500 lm
911401536591	CR500C LED25/865 W60L60 PSU	6500 K	100 lm/W	2,500 lm
911401536691	CR500C LED40/840 W60L60 PSU	4000 K	100 lm/W	4,000 lm
911401536891	CR500C LED40/865 W60L60 PSU	6500 K	100 lm/W	4,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401536091	CR500C LED40/840 W26L119 PSU	40 W	911401536191	CR500C LED40/830 W26L119 PSU	40 W

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Order Code	Full Product Name	Power Consumption
911401536291	CR500C LED40/865 W26L119 PSU	40 W
911401536991	CR500C LED60/840 W60L120 PSU	60 W
911401537191	CR500C LED60/865 W60L120 PSU	60 W
911401535791	CR500C LED25/840 W26L60 PSU	25 W
911401535991	CR500C LED25/865 W26L60 PSU	25 W

Order Code	Full Product Name	Power Consumption
911401536391	CR500C LED25/840 W60L60 PSU	25 W
911401536591	CR500C LED25/865 W60L60 PSU	25 W
911401536691	CR500C LED40/840 W60L60 PSU	40 W
911401536891	CR500C LED40/865 W60L60 PSU	40 W