PHILIPS

Lighting

GreenPerform cleanroom recessed

CR468B LED55/NW PSU W30L120

Polycarbonate

GreenPerform cleanroom recessed is a family of cleanroom luminaires offering an energy efficient, long lasting and reliable lighting solutions for specialized applications. This family is designed for providing illumination for application areas in semiconductor industries, pharmaceutical industries, etc. GreenPerform cleanroom recessed family provides a lighting solution with excellent energy performance, long reliable lifetime, well protected against ingress of dust and moisture while contributing to a healthy and comfortable working environment.

Product data

General information	
Light source color	840 neutral white
Optical cover/lens type	Polycarbonate
Control interface	-
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
Number of products on MCB of 16 A type B	24
Light source engine type	LED

Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	19 A
Power Factor (Min)	0.9

Controls and dimming	
Dimmable	No

Mechanical and housing	
Housing Material	Metal
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Smoke
Overall length	1197 mm
Overall width	297 mm
Overall height	58 mm
Overall diameter	1197 mm
Effective projected area	0.36 m²

GreenPerform cleanroom recessed

Color	White RAL 9003

Approval and application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	5500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	106 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	5
Initial input power	52 W
Power consumption tolerance	+/-10%

Application conditions

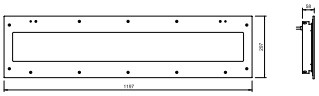
Ambient temperature range	+20 to +35 °C

Product data

Full product code	911401880499
Order product name	CR468B LED55/NW PSU W30L120
Order code	911401880499
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401880499
Net Weight (Piece)	7.399 kg

IP40 IK03

Dimensional drawing



CR468B LED55/NW PSU W30L120

© 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.