PHILIPS

Greenperform
Cleanroom Teardrop G2

CR388C



Greenperform Cleanroom Teardrop G2, provide you a safe, reliable, comfortable cleanroom lighting experience.

Greenperform Cleanroom Teardrop G2 is an optimized cleanroom lighting fixture. With its slim, compact and smooth housing design, Teardrop G2 maximally avoids dust attached in cleanroom application, and can meet the classification 10 ~1000. CR388C series products also provide excellent lighting quality, substantial energy saving and reliable quality of maintenance free. Both white and yellow lighting solutions are available, Teardrop G2 is your excellent option for both new projects and retrofit projects.

Benefits

- - Compact, slim, robust housing, avoid the dust attaching
- - soft, unifom lighting output, low flicking, friendly to human eyes
- - long lifetime, low energy consumption, delivers energy saving and set you free from product maintenance
- - Easy installation, saving your labor cost

Applications

- Integrated circuit (VLS) manufacturing
- Fine mechanical components, aviation instruments, hydraulic parts
- Critical optical devices, optical discs
- Beverage, Aseptic filling (juice, custards)
- Food, Pharmaceutical industry
- Semiconductor manufacturing/ assembly
- etc.

Features

- IP40, IK03, dural extrusion housing, cleanroom classification 10 - 1000
- CRI>80, SDCM<5, anti UV Polycarbonate optical diffuser
- 50K hours lifetime @ L70B50
- Surface& ceiling installation, track kits available for T-bar installation

Versions

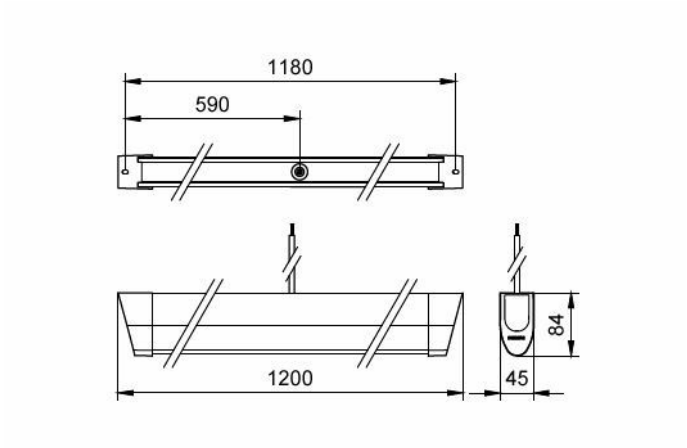


CR388C Amber

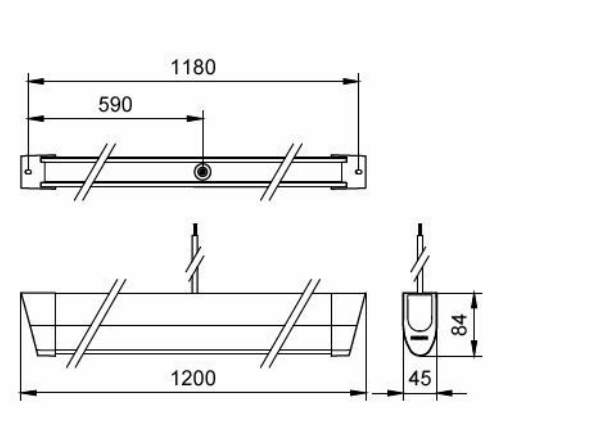


CR388C Normal

Dimensional drawing



CR388C LED20 CW L120 PSU



Greenperform Cleanroom Teardrop G2

Product details



CR388C Detail Photo

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes

Light Technical

Beam angle of light source	- degree(s)
Optic type	Symmetrical

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Protection class IEC	Safety class I

Mechanical and Housing

Housing Color	White RAL 9003
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate

Approval and Application

Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	-
CE mark	No
ENEC mark	-
Ambient temperature range	0 to +35 °C

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

Median useful life L80B50	45,000 hour(s)
Median useful life L90B50	40,000 hour(s)

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401516941	CR388C LED20 Amber L120 PSU	2,200 lm	-	105 lm/W	-
911401519141	CR388C LED20 Amber L120 PSU EN	2,200 lm	-	105 lm/W	-
911401516441	CR388C LED20 CW L120 PSU	2,000 lm	6500 K	125 lm/W	>80
911401516541	CR388C LED40 NW L120 PSU	3,900 lm	4000 K	120 lm/W	>80
911401516641	CR388C LED40 CW L120 PSU	3,900 lm	6500 K	120 lm/W	>80
911401516741	CR388C LED40 NW L120 PSD	4,500 lm	4000 K	190 lm/W	>80
911401519041	CR388C LED40 CW L120 PSU EN	3,900 lm	6500 K	120 lm/W	>80

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401516941	CR388C LED20 Amber L120 PSU	21 W
911401519141	CR388C LED20 Amber L120 PSU EN	21 W
911401516441	CR388C LED20 CW L120 PSU	16 W
911401516541	CR388C LED40 NW L120 PSU	32 W
911401516641	CR388C LED40 CW L120 PSU	32 W
911401516741	CR388C LED40 NW L120 PSD	39 W
911401519041	CR388C LED40 CW L120 PSU EN	32 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401516941	CR388C LED20 Amber L120 PSU	No	Not applicable
911401519141	CR388C LED20 Amber L120 PSU EN	No	Not applicable
911401516441	CR388C LED20 CW L120 PSU	No	Not applicable
911401516541	CR388C LED40 NW L120 PSU	No	Not applicable
911401516641	CR388C LED40 CW L120 PSU	No	Not applicable
911401516741	CR388C LED40 NW L120 PSD	Yes	1%
911401519041	CR388C LED40 CW L120 PSU EN	No	Not applicable

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. 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.