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

Greenperform Cleanroom Teardrop G2

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

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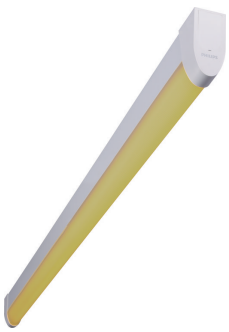
Features

- 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

Application

- 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.

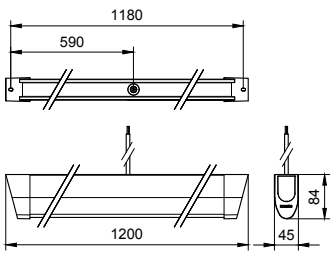
Versions



CR388C Amber

CR388C Normal

Dimensional drawing



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Product details

CR388C Detail Photo

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Light Technical	
Beam angle of light source	- degree(s)
Optic type	Symmetrical
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Polycarbonate
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP40
Approval and Application	
Ambient temperature range	0 to +35 °C
CE mark	No
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 750 °C, duration 5 s
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Luminous flux tolerance	+/-10%
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	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401519141	CR388C LED20 Amber L120 PSU EN	-	-	105 lm/W	2,200 lm
911401519041	CR388C LED40 CW L120 PSU EN	6500 K	>80	120 lm/W	3,900 lm

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Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401519141	CR388C LED20 Amber L120 PSU EN	21 W

Order Code	Full Product Name	Power Consumption
911401519041	CR388C LED40 CW L120 PSU EN	32 W

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