



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

Greenperform Cleanroom Teardrop G2

Greenperform Cleanroom Teardrop G2 is an optimised 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, uniform 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 labour 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 L120 normal

Product details



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Application Conditions

Ambient temperature range	0 to +35 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP40

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220-240 V
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General Information

Protection class IEC	Safety class I (I)
Driver included	Yes
Glow-wire test	750/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<5
Init. Corr. Colour Temperature	6500 K
Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	white
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Over Time Performance (IEC Compliant)

Median useful life L80B50	45000 h
Median useful life L90B50	40000 h

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux
911401516441	CR388C LED20 CW L120 PSU	125 lm/W	2000 lm
911401516641	CR388C LED40 CW L120 PSU	120 lm/W	3900 lm

