



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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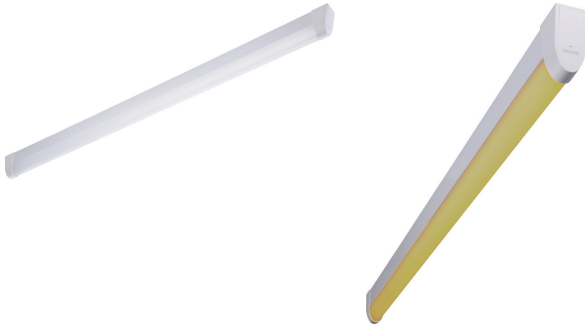
Features

- 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



CR388C Detail Photo

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Application Conditions

Ambient temperature range 0 to +35 °C

Approval and Application

Mech. impact protection code IK03

Ingress protection code IP40

Operating and Electrical

Input Voltage 220 to 240 V

General Information

Protection class IEC Safety class I (I)

Optical cover/lens type Polycarbonate

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

Luminous flux tolerance +/-10%

Mechanical and Housing

Colour white

Over Time Performance (IEC Compliant)

Median useful life L80B50 45000 h

Median useful life L90B50 40000 h

Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401516841	CR388C LED40 CW L120 PSD	1%
911401518741	CR388C LED20 NW L120 PSU EN	Not applicable
911401518841	CR388C LED20 CW L120 PSU EN	Not applicable
911401518941	CR388C LED40 NW L120 PSU EN	Not applicable
911401519041	CR388C LED40 CW L120 PSU EN	Not applicable
911401519141	CR388C LED20 Amber L120 PSU EN	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401516841	CR388C LED40 CW L120 PSD	Yes
911401518741	CR388C LED20 NW L120 PSU EN	No
911401518841	CR388C LED20 CW L120 PSU EN	No

Order Code	Full Product Name	Dimmable
911401518941	CR388C LED40 NW L120 PSU EN	No
911401519041	CR388C LED40 CW L120 PSU EN	No
911401519141	CR388C LED20 Amber L120 PSU EN	No

General Information

Order Code	Full Product Name	Beam angle of light source		ENEC mark	Flammability mark
		source	CE mark		
911401516841	CR388C LED40 CW L120 PSD	-	-	-	-
911401518741	CR388C LED20 NW L120 PSU EN	-°	CE mark	-	NO
911401518841	CR388C LED20 CW L120 PSU EN	-°	CE mark	-	NO

Order Code	Full Product Name	Beam angle of light source		ENEC mark	Flammability mark
		source	CE mark		
911401518941	CR388C LED40 NW L120 PSU EN	-°	CE mark	-	NO
911401519041	CR388C LED40 CW L120 PSU EN	-°	CE mark	-	NO
911401519141	CR388C LED20 Amber L120 PSU EN	-°	CE mark	-	NO

Initial Performance (IEC Compliant) (1/2)

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy	Initial luminous flux
911401516841	CR388C LED40 CW L120 PSD	6500 K	>80	190 lm/W	4500 lm
911401518741	CR388C LED20 NW L120 PSU EN	4000 K	>80	125 lm/W	2000 lm
911401518841	CR388C LED20 CW L120 PSU EN	6500 K	>80	125 lm/W	2000 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy	Initial luminous flux
911401518941	CR388C LED40 NW L120 PSU EN	4000 K	>80	120 lm/W	3900 lm
911401519041	CR388C LED40 CW L120 PSU EN	6500 K	>80	120 lm/W	3900 lm
911401519141	CR388C LED20 Amber L120 PSU EN	- K	-	105 lm/W	2200 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401516841	CR388C LED40 CW L120 PSD	39 W
911401518741	CR388C LED20 NW L120 PSU EN	16 W
911401518841	CR388C LED20 CW L120 PSU EN	16 W

Order Code	Full Product Name	Initial input power
911401518941	CR388C LED40 NW L120 PSU EN	32 W
911401519041	CR388C LED40 CW L120 PSU EN	32 W
911401519141	CR388C LED20 Amber L120 PSU EN	21 W

