Greenperform Cleanroom Teardrop G2

CR388C LED20 NW L120 PSU EN

Greenperform Cleanroom Teardrop G2, 16 W, Neutral white, 2000 lm, Symmetrical, Wire-protected

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.

Product data

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	–
ENEC mark	–
Glow-wire test	Temperature 750 °C, duration 5 s

EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	– degree(s)
Light source color	Neutral white
Optic type	Symmetrical
Optical cover type	Polycarbonate

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Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.25 ms
Power Consumption	16 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,200 mm
Overall width	45 mm

Overall height	84 mm
Dimensions (Height x Width x Depth)	84 x 45 x 1200 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

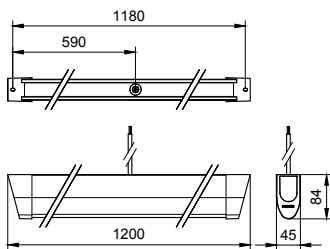|	
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	45,000 hour(s)
Median useful life L90B50	40,000 hour(s)

Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	CR388C LED20 NW L120 PSU EN
Full product name	CR388C LED20 NW L120 PSU EN
Full product code	911401518741
Order code	911401518741
Material Nr. (12NC)	911401518741
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

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www.lighting.philips.com

2023, October 30 – data subject to change