GreenPerform Teardrop G3

CR388C G3 LED80/850 L150 PSD

GreenPerform Teardrop G3, 57 W, 850 neutral white, 8000 lm, Wide beam, DALI, IP40 | Wire-protected

Greenperform Teardrop CR388C G3 is an affordable but with high system efficacy cleanroom batten. By means of its slim and streamlined design, it perfectly reduces the dust collection on the housing. Thanks to its max 150lm/w system efficacy, it delivers higher energy saving for the customer. In addition, CR388C G3 provides easy connection for continuous installation. Dali interface and CRI90 are provided by this family to further extend the availability for control interface and visual comfort. CR388C G3 is a decent product for newly installed cleanroom and retrofit cleanroom projects as well.

Product data

General Information

Number of gear units	1 unit
Gear	EBD [Electronic regulating DALI]
Driver included	Yes
Light source engine type	LED
Warranty period	5 years

Light Technical

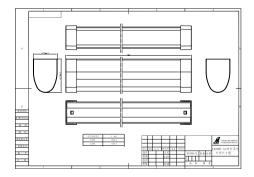|	
Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Number of light sources	272

Beam angle of light source	120 degree(s)
Light source color	850 neutral white
Optic type	Wide beam
Luminaire light beam spread	–
Unified glare rating CEN	Not applicable
Effective projected area	0.062 m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	29 A
Inrush time	0.3 ms
Power Consumption	57 W

GreenPerform Teardrop G3

Power Factor (Fraction)	0.95
Connection	Push-in connector 3-pole
Cable	– Cable 0.3 m without plug
Number of products on MCB of 16 A type B	7
Suitable for random switching	Yes
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	DALI
Control interface	DALI
Maximum dim level	10% (depends on dimmer, ELV)

Mechanical and Housing

Housing Material	Plastic
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White RAL 9003
Mounting device	Wall-mounting bracket
Optical cover finish	Frosted
Overall length	1,394.5 mm
Overall width	44.5 mm
Overall height	62.5 mm
Dimensions (Height x Width x Depth)	63 x 45 x 1395 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	0.885 kg

Approval and Application

Glow-wire test	–
Flammability mark	–
CE mark	Yes
ENEC mark	–
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Ambient temperature range	0 to +35 ℃

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	8000
Power consumption tolerance	+/-10%

Product Data

Order product name	CR388C G3 LED80/850 L150 PSD
Full product name	CR388C G3 LED80/850 L150 PSD
Order code	911401511244
Material Nr. (12NC)	911401511244
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	16

Dimensional drawing