PHILIPS

GreenPerform Teardrop G3

CR388CG3



When light addresses the needs of cleanroom

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.

Benefits

- More energy saving due to high lm/w system efficacy
- Less dust collection on the housing
- System interface with higher CRI available for easy control function and visual comfort
- Easy and quick installation on-site

Applications

- Electronics or semi conductor industry cleanroom

Features

- Max 150lm/w system efficacy
- Slim and streamlined housing design

- Dali and CRI90 are offered
- Quick connector for continuous installation

Versions

GreenPerform Cleanroom Teardrop G3



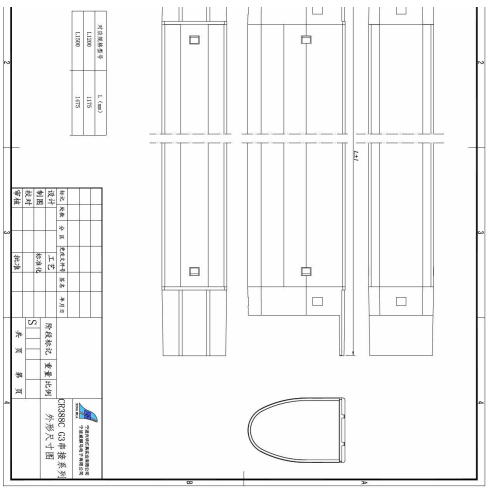
GreenPerform Cleanroom Teardrop G3



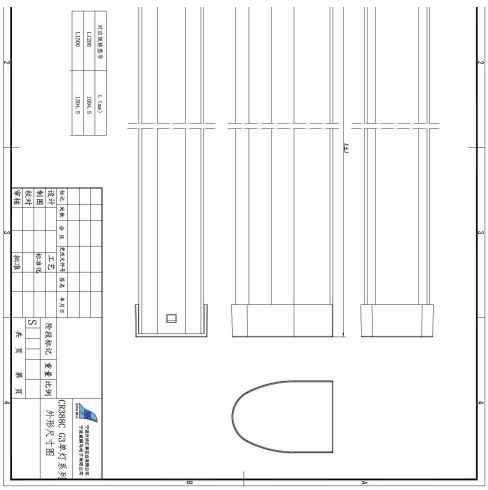
GreenPerform Cleanroom Teardrop G3



Dimensional drawing



CR388C G3 LED45/850 L120 CD



CR388C G3 LED42/850 L120 PSD

General Information

Number of gear units	1 unit
Driver included	Yes

Light Technical

Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class I

Mechanical and Housing

Housing Color	White RAL 9003
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate

Approval and Application

Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-
Ambient temperature range	0 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Gear
911401510344	CR388C G3 LED80/840 L150	EB
911401510644	CR388C G3 LED80/850 L150	EB
911401510944	CR388C G3 LED80/840 L150 PSD	EBD
911401511244	CR388C G3 LED80/850 L150 PSD	EBD
911401511744	CR388C G3 LED80/840 L150 CD	EB
911401512044	CR388C G3 LED80/850 L150 CD	EB
911401511344	CR388C G3 LED17/Amber L120	EB
911401511444	CR388C G3 LED33/Amber L120	EB
911401512144	CR388C G3 LED17/Amber L120 CD	EB

Order Code	Full Product Name	Gear
911401512244	CR388C G3 LED33/Amber L120 CD	EB
911401510144	CR388C G3 LED22/840 L120	EB
911401510244	CR388C G3 LED45/840 L120	EB
911401510444	CR388C G3 LED22/850 L120	EB
911401510544	CR388C G3 LED45/850 L120	EB
911401510744	CR388C G3 LED22/840 L120 PSD	EBD
911401510844	CR388C G3 LED42/840 L120 PSD	EBD
911401511044	CR388C G3 LED22/850 L120 PSD	EBD
911401511144	CR388C G3 LED42/850 L120 PSD	EBD
911401511544	CR388C G3 LED22/840 L120 CD	EB
911401511644	CR388C G3 LED45/840 L120 CD	EB
911401511844	CR388C G3 LED22/850 L120 CD	EB
911401511944	CR388C G3 LED45/850 L120 CD	EB

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Number of light sources
911401510344	CR388C G3 LED80/840 L150	8,000 lm	4000 K	153 lm/W	272
911401510644	CR388C G3 LED80/850 L150	8,000 lm	5000 K	153 lm/W	272
911401510944	CR388C G3 LED80/840 L150 PSD	8,000 lm	4000 K	140 lm/W	272
911401511244	CR388C G3 LED80/850 L150 PSD	8,000 lm	5000 K	140 lm/W	272
911401511744	CR388C G3 LED80/840 L150 CD	8,000 lm	4000 K	153 lm/W	272
911401512044	CR388C G3 LED80/850 L150 CD	8,000 lm	5000 K	153 lm/W	272
911401511344	CR388C G3 LED17/Amber L120	1,750 lm	-	92 lm/W	98
911401511444	CR388C G3 LED33/Amber L120	3,300 lm	-	92 lm/W	188
911401512144	CR388C G3 LED17/Amber L120 CD	1,750 lm	-	92 lm/W	98
911401512244	CR388C G3 LED33/Amber L120 CD	3,300 lm	-	92 lm/W	188
911401510144	CR388C G3 LED22/840 L120	2,250 lm	4000 K	150 lm/W	80
911401510244	CR388C G3 LED45/840 L120	4,500 lm	4000 K	150 lm/W	156
911401510444	CR388C G3 LED22/850 L120	2,250 lm	5000 K	150 lm/W	80
911401510544	CR388C G3 LED45/850 L120	4,500 lm	5000 K	150 lm/W	156
911401510744	CR388C G3 LED22/840 L120 PSD	2,240 lm	4000 K	140 lm/W	80
911401510844	CR388C G3 LED42/840 L120 PSD	4,200 lm	4000 K	140 lm/W	156
911401511044	CR388C G3 LED22/850 L120 PSD	2,240 lm	5000 K	140 lm/W	80
911401511144	CR388C G3 LED42/850 L120 PSD	4,200 lm	5000 K	140 lm/W	156
911401511544	CR388C G3 LED22/840 L120 CD	2,250 lm	4000 K	150 lm/W	80
911401511644	CR388C G3 LED45/840 L120 CD	4,500 lm	4000 K	150 lm/W	156
911401511844	CR388C G3 LED22/850 L120 CD	2,250 lm	5000 K	150 lm/W	80
911401511944	CR388C G3 LED45/850 L120 CD	4,500 lm	5000 K	150 lm/W	156

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401510344	CR388C G3 LED80/840 L150	52 W
911401510644	CR388C G3 LED80/850 L150	52 W
911401510944	CR388C G3 LED80/840 L150 PSD	57 W
911401511244	CR388C G3 LED80/850 L150 PSD	57 W
911401511744	CR388C G3 LED80/840 L150 CD	52 W
911401512044	CR388C G3 LED80/850 L150 CD	52 W
911401511344	CR388C G3 LED17/Amber L120	19 W
911401511444	CR388C G3 LED33/Amber L120	36 W
911401512144	CR388C G3 LED17/Amber L120 CD	19 W
911401512244	CR388C G3 LED33/Amber L120 CD	36 W
911401510144	CR388C G3 LED22/840 L120	15 W
911401510244	CR388C G3 LED45/840 L120	30 W
911401510444	CR388C G3 LED22/850 L120	15 W
911401510544	CR388C G3 LED45/850 L120	30 W
911401510744	CR388C G3 LED22/840 L120 PSD	16 W
911401510844	CR388C G3 LED42/840 L120 PSD	30 W
911401511044	CR388C G3 LED22/850 L120 PSD	16 W
911401511144	CR388C G3 LED42/850 L120 PSD	30 W
911401511544	CR388C G3 LED22/840 L120 CD	15 W
911401511644	CR388C G3 LED45/840 L120 CD	30 W
911401511844	CR388C G3 LED22/850 L120 CD	15 W
911401511944	CR388C G3 LED45/850 L120 CD	30 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401510344	CR388C G3 LED80/840 L150	-	Not applicable
911401510644	CR388C G3 LED80/850 L150	-	Not applicable
911401510944	CR388C G3 LED80/840 L150 PSD	DALI	10% (depends on dimmer, ELV)
911401511244	CR388C G3 LED80/850 L150 PSD	DALI	10% (depends on dimmer, ELV)
911401511744	CR388C G3 LED80/840 L150 CD	-	Not applicable
911401512044	CR388C G3 LED80/850 L150 CD	-	Not applicable
911401511344	CR388C G3 LED17/Amber L120	-	Not applicable
911401511444	CR388C G3 LED33/Amber L120	-	Not applicable
911401512144	CR388C G3 LED17/Amber L120 CD	-	Not applicable
911401512244	CR388C G3 LED33/Amber L120 CD	-	Not applicable
911401510144	CR388C G3 LED22/840 L120	-	Not applicable
911401510244	CR388C G3 LED45/840 L120	-	Not applicable
911401510444	CR388C G3 LED22/850 L120	-	Not applicable
911401510544	CR388C G3 LED45/850 L120	-	Not applicable
911401510744	CR388C G3 LED22/840 L120 PSD	DALI	10% (depends on dimmer, ELV)

Order Code	Full Product Name	Dimmable	Maximum dim level
911401510844	CR388C G3 LED42/840 L120 PSD	DALI	10% (depends on dimmer, ELV)
911401511044	CR388C G3 LED22/850 L120 PSD	DALI	10% (depends on dimmer, ELV)
911401511144	CR388C G3 LED42/850 L120 PSD	DALI	10% (depends on dimmer, ELV)
911401511544	CR388C G3 LED22/840 L120 CD	-	Not applicable
911401511644	CR388C G3 LED45/840 L120 CD	-	Not applicable
911401511844	CR388C G3 LED22/850 L120 CD	-	Not applicable
911401511944	CR388C G3 LED45/850 L120 CD	-	Not applicable

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401510344	CR388C G3 LED80/840 L150	8000
911401510644	CR388C G3 LED80/850 L150	8000
911401510944	CR388C G3 LED80/840 L150 PSD	8000
911401511244	CR388C G3 LED80/850 L150 PSD	8000
911401511744	CR388C G3 LED80/840 L150 CD	8000
911401512044	CR388C G3 LED80/850 L150 CD	8000
911401511344	CR388C G3 LED17/Amber L120	1750
911401511444	CR388C G3 LED33/Amber L120	3300
911401512144	CR388C G3 LED17/Amber L120 CD	1750
911401512244	CR388C G3 LED33/Amber L120 CD	3300
911401510144	CR388C G3 LED22/840 L120	2250
911401510244	CR388C G3 LED45/840 L120	4500
911401510444	CR388C G3 LED22/850 L120	2250
911401510544	CR388C G3 LED45/850 L120	4500
911401510744	CR388C G3 LED22/840 L120 PSD	2240
911401510844	CR388C G3 LED42/840 L120 PSD	4200
911401511044	CR388C G3 LED22/850 L120 PSD	2240
911401511144	CR388C G3 LED42/850 L120 PSD	4200
911401511544	CR388C G3 LED22/840 L120 CD	2250
911401511644	CR388C G3 LED45/840 L120 CD	4500
911401511844	CR388C G3 LED22/850 L120 CD	2250
911401511944	CR388C G3 LED45/850 L120 CD	4500

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