



When light addresses the needs of cleanroom

GreenPerform Teardrop G3

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

Features

- Max 150lm/w system efficacy
- Slim and streamlined housing design
- Dali and CRI90 are offered
- Quick connector for continuous installation

Application

- Electronics or semi conductor industry cleanroom

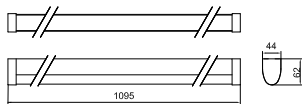
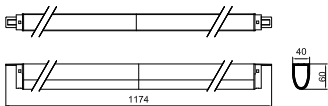
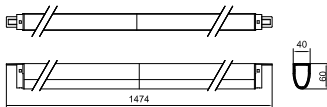
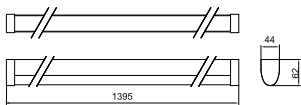
Specifications

GreenPerform Teardrop G3

Mounting type	Ceiling
Operating Temperature range	0 to +35°C
Light Source	LED
Mains Voltage	220-240V/50-60Hz
Dimming	PSU PSD
Control system input	DALI
Main color of the luminaire	White Yellow for Amber version
Lumen maintenance at median useful life	L70B50 50.000h

Flicker / Pst / SVM	PST<0.5, MD<3.2%, SVM<1
Luminous flux	1700lm~8000lm
Luminaire efficacy	up to 150lm/W
Correlated color temperature - CCT	Amber/4000K/5000K
Color Rendering index - CRI	80
Mechanical impact protection	IK03
Ingress protection	IP40
Driver replaceable	No
Overall length	1200mm/1500mm
Installation	Ceiling

Dimensional drawing



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General Information	
CE mark	No
Light Technical	
Optical cover type	Polycarbonate
Color rendering index (CRI)	>80
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	0 to +35 °C
Mechanical and Housing	
Housing Color	White RAL 9003
Approval and Application	
Protection class IEC	Safety class I
Mech. impact protection code	IK03
Ingress protection code	IP40
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
911401539502	CR388C G3 LED80/840 L150	4000 K	153 lm/W	8,000 lm
911401539802	CR388C G3 LED80/850 L150	5000 K	153 lm/W	8,000 lm
911401540102	CR388C G3 LED80/840 L150 PSD	4000 K	140 lm/W	8,000 lm
911401540402	CR388C G3 LED80/850 L150 PSD	5000 K	140 lm/W	8,000 lm
911401540902	CR388C G3 LED80/840 L150 CD	4000 K	153 lm/W	8,000 lm
911401541202	CR388C G3 LED80/850 L150 CD	5000 K	153 lm/W	8,000 lm
911401540502	CR388C G3 LED17/Amber L120	3000 K	92 lm/W	1,750 lm
911401540602	CR388C G3 LED33/Amber L120	3000 K	92 lm/W	3,300 lm
911401541302	CR388C G3 LED17/Amber L120 CD	3000 K	92 lm/W	1,750 lm
911401541402	CR388C G3 LED33/Amber L120 CD	3000 K	92 lm/W	3,300 lm
911401539302	CR388C G3 LED22/840 L120	4000 K	150 lm/W	2,250 lm
911401539402	CR388C G3 LED45/840 L120	4000 K	150 lm/W	4,500 lm
911401539602	CR388C G3 LED22/850 L120	5000 K	150 lm/W	2,250 lm
911401539702	CR388C G3 LED45/850 L120	5000 K	150 lm/W	4,500 lm
911401539902	CR388C G3 LED22/840 L120 PSD	4000 K	140 lm/W	2,240 lm
911401540002	CR388C G3 LED42/840 L120 PSD	4000 K	140 lm/W	4,200 lm
911401540202	CR388C G3 LED22/850 L120 PSD	5000 K	140 lm/W	2,240 lm
911401540302	CR388C G3 LED42/850 L120 PSD	5000 K	140 lm/W	4,200 lm
911401540702	CR388C G3 LED22/840 L120 CD	4000 K	150 lm/W	2,250 lm
911401540802	CR388C G3 LED45/840 L120 CD	4000 K	150 lm/W	4,500 lm
911401541002	CR388C G3 LED22/850 L120 CD	5000 K	150 lm/W	2,250 lm
911401541102	CR388C G3 LED45/850 L120 CD	5000 K	150 lm/W	4,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401539502	CR388C G3 LED80/840 L150	52 W	911401541402	CR388C G3 LED33/Amber L120 CD	36 W
911401539802	CR388C G3 LED80/850 L150	52 W	911401539302	CR388C G3 LED22/840 L120	15 W
911401540102	CR388C G3 LED80/840 L150 PSD	57 W	911401539402	CR388C G3 LED45/840 L120	30 W
911401540402	CR388C G3 LED80/850 L150 PSD	57 W	911401539602	CR388C G3 LED22/850 L120	15 W
911401540902	CR388C G3 LED80/840 L150 CD	52 W	911401539702	CR388C G3 LED45/850 L120	30 W
911401541202	CR388C G3 LED80/850 L150 CD	52 W	911401539902	CR388C G3 LED22/840 L120 PSD	16 W
911401540502	CR388C G3 LED17/Amber L120	19 W	911401540002	CR388C G3 LED42/840 L120 PSD	30 W
911401540602	CR388C G3 LED33/Amber L120	36 W	911401540202	CR388C G3 LED22/850 L120 PSD	16 W
911401541302	CR388C G3 LED17/Amber L120 CD	19 W	911401540302	CR388C G3 LED42/850 L120 PSD	30 W

GreenPerform Teardrop G3

Order Code	Full Product Name	Power Consumption
911401540702	CR388C G3 LED22/840 L120 CD	15 W
911401540802	CR388C G3 LED45/840 L120 CD	30 W

Order Code	Full Product Name	Power Consumption
911401541002	CR388C G3 LED22/850 L120 CD	15 W
911401541102	CR388C G3 LED45/850 L120 CD	30 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401539502	CR388C G3 LED80/840 L150	No
911401539802	CR388C G3 LED80/850 L150	No
911401540102	CR388C G3 LED80/840 L150 PSD	Yes
911401540402	CR388C G3 LED80/850 L150 PSD	Yes
911401540902	CR388C G3 LED80/840 L150 CD	No
911401541202	CR388C G3 LED80/850 L150 CD	No
911401540502	CR388C G3 LED17/Amber L120	No
911401540602	CR388C G3 LED33/Amber L120	No
911401541302	CR388C G3 LED17/Amber L120 CD	No
911401541402	CR388C G3 LED33/Amber L120 CD	No
911401539302	CR388C G3 LED22/840 L120	No

Order Code	Full Product Name	Dimmable
911401539402	CR388C G3 LED45/840 L120	No
911401539602	CR388C G3 LED22/850 L120	No
911401539702	CR388C G3 LED45/850 L120	No
911401539902	CR388C G3 LED22/840 L120 PSD	Yes
911401540002	CR388C G3 LED42/840 L120 PSD	Yes
911401540202	CR388C G3 LED22/850 L120 PSD	Yes
911401540302	CR388C G3 LED42/850 L120 PSD	Yes
911401540702	CR388C G3 LED22/840 L120 CD	No
911401540802	CR388C G3 LED45/840 L120 CD	No
911401541002	CR388C G3 LED22/850 L120 CD	No
911401541102	CR388C G3 LED45/850 L120 CD	No

