



# 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

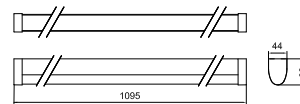
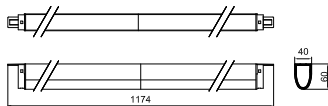
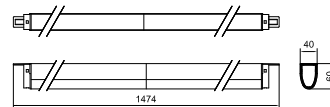
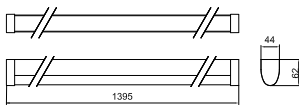
### Specifications

# GreenPerform Teardrop G3

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

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

## Dimensional drawing



# GreenPerform Teardrop G3

## General Information

CE mark -

## Light Technical

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

## 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	911401539402	CR388C G3 LED45/840 L120	30 W
911401539802	CR388C G3 LED80/850 L150	52 W	911401539602	CR388C G3 LED22/850 L120	15 W
911401540102	CR388C G3 LED80/840 L150 PSD	57 W	911401539702	CR388C G3 LED45/850 L120	30 W
911401540402	CR388C G3 LED80/850 L150 PSD	57 W	911401539902	CR388C G3 LED22/840 L120 PSD	16 W
911401540902	CR388C G3 LED80/840 L150 CD	52 W	911401540002	CR388C G3 LED42/840 L120 PSD	30 W
911401541202	CR388C G3 LED80/850 L150 CD	52 W	911401540202	CR388C G3 LED22/850 L120 PSD	16 W
911401540502	CR388C G3 LED17/Amber L120	19 W	911401540302	CR388C G3 LED42/850 L120 PSD	30 W
911401540602	CR388C G3 LED33/Amber L120	36 W	911401540702	CR388C G3 LED22/840 L120 CD	15 W
911401541302	CR388C G3 LED17/Amber L120 CD	19 W	911401540802	CR388C G3 LED45/840 L120 CD	30 W
911401541402	CR388C G3 LED33/Amber L120 CD	36 W	911401541002	CR388C G3 LED22/850 L120 CD	15 W
911401539302	CR388C G3 LED22/840 L120	15 W	911401541102	CR388C G3 LED45/850 L120 CD	30 W

## Controls and Dimming

## GreenPerform Teardrop G3

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

