

Greenperform Cleanroom Teardrop G2, provide you a safe, reliable, comfortable cleanroom lighting experience.

Greenperform Cleanroom Teardrop G2

Greenperform Cleanroom Teardrop G2 is an optimised 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.

Benefits

- - Compact, slim, robust housing, avoid the dust attaching
- - soft, uniform lighting output, low flicking, friendly to human eyes
- - long lifetime, low energy consumption, delivers energy saving and set you free from product maintenance
- - Easy installation, saving your labour cost

Greenperform Cleanroom Teardrop G2

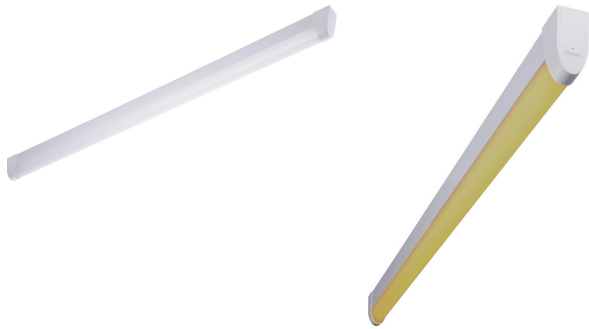
Features

- IP40, IK03, dural extrusion housing, cleanroom classification 10 - 1000
- CRI>80, SDCM<5, anti UV Polycarbonate optical diffuser
- 50K hours lifetime @ L70B50
- Surface& ceiling installation, track kits available for T-bar installation

Application

- Integrated circuit (VLS) manufacturing
- Fine mechanical components, aviation instruments, hydraulic parts
- Critical optical devices, optical discs
- Beverage, Aseptic filling (juice, custards)
- Food, Pharmaceutical industry
- Semiconductor manufacturing/assembly
- etc.

Versions



CR388C L120 normal

Product details



Greenperform Cleanroom Teardrop G2

Application Conditions

| | |
|-------------------------------|----------------|
| Ambient temperature range | 0 to +35 °C |
| Suitable for random switching | Not applicable |

Approval and Application

| | |
|------------------------------|------|
| Mech. impact protection code | IK03 |
| Ingress protection code | IP40 |

Operating and Electrical

| | |
|---------------|-----------|
| Input Voltage | 220-240 V |
|---------------|-----------|

General Information

| | |
|--------------------------|--------------------|
| Protection class IEC | Safety class I (I) |
| Driver included | Yes |
| Glow-wire test | 750/5 |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Optic type | Symmetrical |

Initial Performance (IEC Compliant)

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

Mechanical and Housing

| | |
|--------|-------|
| Colour | white |
|--------|-------|

Over Time Performance (IEC Compliant)

| | |
|---------------------------|---------|
| Median useful life L80B50 | 45000 h |
| Median useful life L90B50 | 40000 h |

Application Conditions

| Order Code | Full Product Name | Maximum dim level |
|--------------|--------------------------------|-------------------|
| 911401516341 | CR388C LED20 NW L120 PSU | Not applicable |
| 911401516441 | CR388C LED20 CW L120 PSU | Not applicable |
| 911401516541 | CR388C LED40 NW L120 PSU | Not applicable |
| 911401516641 | CR388C LED40 CW L120 PSU | Not applicable |
| 911401516741 | CR388C LED40 NW L120 PSD | 1% |
| 911401516841 | CR388C LED40 CW L120 PSD | 1% |
| 911401518741 | CR388C LED20 NW L120 PSU EN | Not applicable |
| 911401518841 | CR388C LED20 CW L120 PSU EN | Not applicable |
| 911401518941 | CR388C LED40 NW L120 PSU EN | Not applicable |
| 911401519041 | CR388C LED40 CW L120 PSU EN | Not applicable |
| 911401516941 | CR388C LED20 Amber L120 PSU | Not applicable |
| 911401519141 | CR388C LED20 Amber L120 PSU EN | Not applicable |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|--------------------------|----------|
| 911401516341 | CR388C LED20 NW L120 PSU | No |
| 911401516441 | CR388C LED20 CW L120 PSU | No |
| 911401516541 | CR388C LED40 NW L120 PSU | No |
| 911401516641 | CR388C LED40 CW L120 PSU | No |
| 911401516741 | CR388C LED40 NW L120 PSD | Yes |
| 911401516841 | CR388C LED40 CW L120 PSD | Yes |

| Order Code | Full Product Name | Dimmable |
|--------------|--------------------------------|----------|
| 911401518741 | CR388C LED20 NW L120 PSU EN | No |
| 911401518841 | CR388C LED20 CW L120 PSU EN | No |
| 911401518941 | CR388C LED40 NW L120 PSU EN | No |
| 911401519041 | CR388C LED40 CW L120 PSU EN | No |
| 911401516941 | CR388C LED20 Amber L120 PSU | No |
| 911401519141 | CR388C LED20 Amber L120 PSU EN | No |

General Information

| Order Code | Full Product Name | Beam angle of light | | | |
|--------------|--------------------------|---------------------|---------|-----------|-------------------|
| | | source | CE mark | ENEC mark | Flammability mark |
| 911401516341 | CR388C LED20 NW L120 PSU | - | - | - | - |
| 911401516441 | CR388C LED20 CW L120 PSU | - | - | - | - |
| 911401516541 | CR388C LED40 NW L120 PSU | - | - | - | - |

| Order Code | Full Product Name | Beam angle of light | | | |
|--------------|--------------------------|---------------------|---------|-----------|-------------------|
| | | source | CE mark | ENEC mark | Flammability mark |
| 911401516641 | CR388C LED40 CW L120 PSU | - | - | - | - |
| 911401516741 | CR388C LED40 NW L120 PSD | - | - | - | - |
| 911401516841 | CR388C LED40 CW L120 PSD | - | - | - | - |

Greenperform Cleanroom Teardrop G2

| Order Code | Full Product Name | Beam angle of light | CE mark | ENEC mark | Flammability mark |
|--------------|--------------------------------|---------------------|---------|-----------|-------------------|
| | | source | | | |
| 911401518741 | CR388C LED20 NW L120 PSU EN | - ° | CE mark | - | NO |
| 911401518841 | CR388C LED20 CW L120 PSU EN | - ° | CE mark | - | NO |
| 911401518941 | CR388C LED40 NW L120 PSU EN | - ° | CE mark | - | NO |

| Order Code | Full Product Name | Beam angle of light | CE mark | ENEC mark | Flammability mark |
|--------------|-----------------------------------|---------------------|---------|-----------|-------------------|
| | | source | | | |
| 911401519041 | CR388C LED40 CW L120 PSU EN | - ° | CE mark | - | NO |
| 911401516941 | CR388C LED20 Amber L120 PSU | - | - | - | - |
| 911401519141 | CR388C LED20 Amber L120 PSU EN | - ° | CE mark | - | NO |

Initial Performance (IEC Compliant) (1/2)

| Order Code | Full Product Name | Init. Corr. Colour | Init. Colour Rendering Index | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|--------------------------------|--------------------|------------------------------|--------------------------------|-----------------------|
| | | Temperature | Index | lm/W | lm |
| 911401516341 | CR388C LED20 NW L120 PSU | 4000 K | >80 | 125 lm/W | 2000 lm |
| 911401516441 | CR388C LED20 CW L120 PSU | 6500 K | >80 | 125 lm/W | 2000 lm |
| 911401516541 | CR388C LED40 NW L120 PSU | 4000 K | >80 | 120 lm/W | 3900 lm |
| 911401516641 | CR388C LED40 CW L120 PSU | 6500 K | >80 | 120 lm/W | 3900 lm |
| 911401516741 | CR388C LED40 NW L120 PSD | 4000 K | >80 | 190 lm/W | 4500 lm |
| 911401516841 | CR388C LED40 CW L120 PSD | 6500 K | >80 | 190 lm/W | 4500 lm |

| Order Code | Full Product Name | Init. Corr. Colour | Init. Colour Rendering Index | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|--------------------------------------|--------------------|------------------------------|--------------------------------|-----------------------|
| | | Temperature | Index | lm/W | lm |
| 911401518741 | CR388C LED20 NW L120 PSU EN | 4000 K | >80 | 125 lm/W | 2000 lm |
| 911401518841 | CR388C LED20 CW L120 PSU EN | 6500 K | >80 | 125 lm/W | 2000 lm |
| 911401518941 | CR388C LED40 NW L120 PSU EN | 4000 K | >80 | 120 lm/W | 3900 lm |
| 911401519041 | CR388C LED40 CW L120 PSU EN | 6500 K | >80 | 120 lm/W | 3900 lm |
| 911401516941 | CR388C LED20 Amber L120 PSU | - | - | 105 lm/W | 2200 lm |
| 911401519141 | CR388C LED20 Amber L120 PSU EN | - | - | 105 lm/W | 2200 lm |

Initial Performance (IEC Compliant) (2/2)

| Order Code | Full Product Name | Initial input power |
|--------------|--------------------------|---------------------|
| 911401516341 | CR388C LED20 NW L120 PSU | - |
| 911401516441 | CR388C LED20 CW L120 PSU | - |
| 911401516541 | CR388C LED40 NW L120 PSU | - |
| 911401516641 | CR388C LED40 CW L120 PSU | - |
| 911401516741 | CR388C LED40 NW L120 PSD | - |
| 911401516841 | CR388C LED40 CW L120 PSD | - |

| Order Code | Full Product Name | Initial input power |
|--------------|--------------------------------|---------------------|
| 911401518741 | CR388C LED20 NW L120 PSU EN | 16 W |
| 911401518841 | CR388C LED20 CW L120 PSU EN | 16 W |
| 911401518941 | CR388C LED40 NW L120 PSU EN | 33 W |
| 911401519041 | CR388C LED40 CW L120 PSU EN | 33 W |
| 911401516941 | CR388C LED20 Amber L120 PSU | - |
| 911401519141 | CR388C LED20 Amber L120 PSU EN | 21 W |

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