

## FLC240 LED COLOR CHANGER

**Description**

RGBW/RGBA Color Changer.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. DMX interface.

For the M20 cable gland for network- and DMX-connection, WE-EF recommends a multi-core cable for DMX and power, "Power PUR-SR 3x1.5 + DMX".

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)

|                    |                            |
|--------------------|----------------------------|
| Weight             | 30.40 lb                   |
| Light distribution | symmetric, medium beam [M] |
| Light source       | LED-24/96W - RGBA          |
| Power supply       | electronic gear            |
| LEDs               | 24                         |
| Rated input power  | 100 W                      |

**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 275  |
| Total Lumen | 6600 |
| Tj          | 85   |

**Delivered lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 216    |
| Total Lumen | 5184.5 |
| Ta          | 25     |

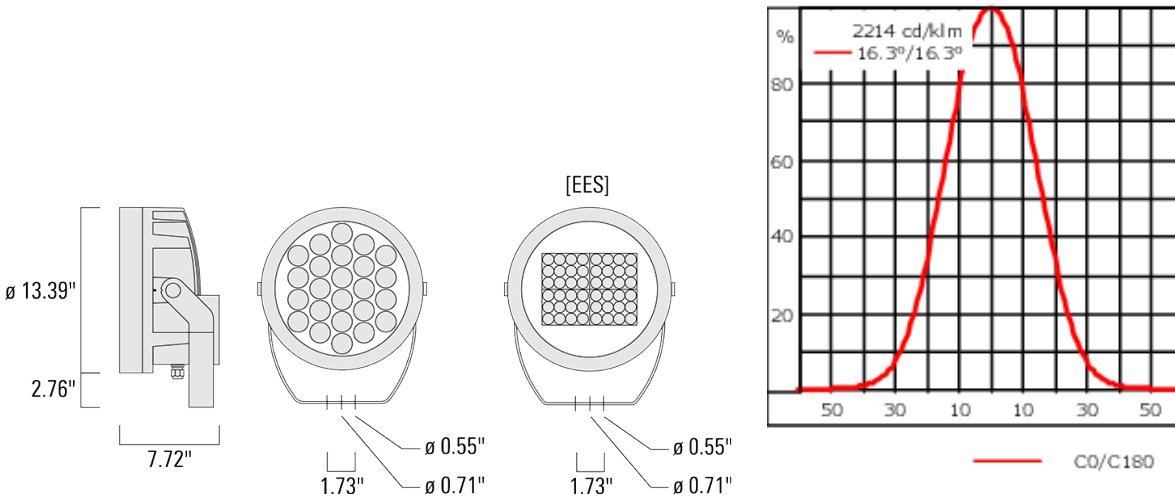
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**FLC240 LED COLOR CHANGER**



**Specifications**

**Material description**

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL8019 Dark Bronze</span> </div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 1.176   |

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**Electrical description**

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|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic driver 120V-277V. |
| Driver / Ballast | DMX   |
| Power factor     | > 0.9                                       |
| Surge protection | Integral 10kV Surge Protector               |

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**Additional information**

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|          |   |
|----------|---|
| Lifetime | Ta=25°/40° L90B10 > 90000h  |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications. |

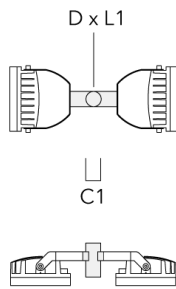
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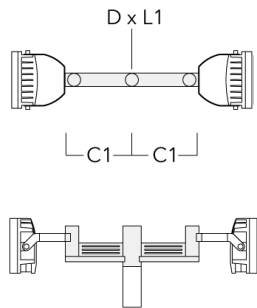
**Mounting Accessories**

**Floodlight mounting bracket TA**

| Description                            | Part ID  | A | C1   | D × L1 | L    | Weight (lb) | D × S    |
|--|----------|---|------|--------|------|-------------|----------|
| TA2 Mounting bracket, double (Ø 3 x 8) | 147-0024 |   | 5.12 | 3 x 8  | 2.99 | 4.2 lbs     | 76 x 200 |



|  |          |      |       |       |      |       |          |
|--|----------|------|-------|-------|------|-------|----------|
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90° | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |
|--|----------|------|-------|-------|------|-------|----------|



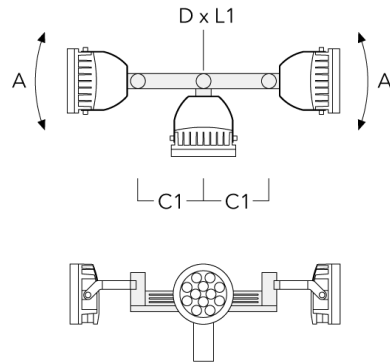
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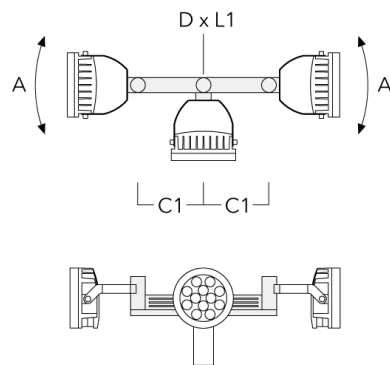
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| Description                               | Part ID  | A    | C1    | D x L1   | L   | Weight (lb) | D x S    |
|---|----------|------|-------|----------|-----|-------------|----------|
| TA3 Mounting bracket, triple (Ø 3.50 x 8) | 147-0025 | ±90° | 25.59 | 3.50 x 8 | 3.5 | 39.46       | 89 x 200 |



|   |          |      |       |          |  |           |          |
|---|----------|------|-------|----------|--|-----------|----------|
| TA4 Mounting bracket, quad (Ø 3.50 x 8) | 147-0099 | ±90° | 25.59 | 3.50 x 8 |  | 45.86 lbs | 89 x 200 |
|---|----------|------|-------|----------|--|-----------|----------|

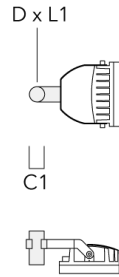


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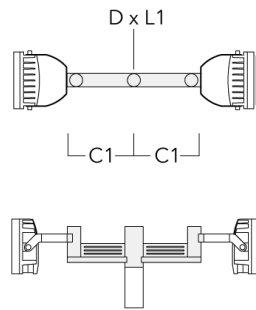
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| Description                               | Part ID  | A | C1   | D × L1   | L    | Weight (lb) | D × S     |
|---|----------|---|------|----------|------|-------------|-----------|
| TA1 Mounting bracket, single (Ø 4.25 x 8) | 147-0096 |   | 5.12 | 4.25 x 8 | 4.25 | 16.53       | 108 x 200 |



|   |          |      |       |          |      |       |           |
|---|----------|------|-------|----------|------|-------|-----------|
| TA2-L Mounting bracket, double (Ø 4.25 x 8) | 147-0148 | ±90° | 16.54 | 4.25 x 8 | 4.25 | 44.53 | 108 x 200 |
|---|----------|------|-------|----------|------|-------|-----------|

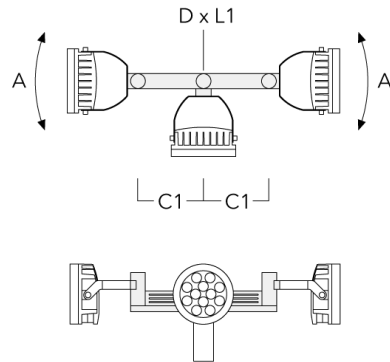


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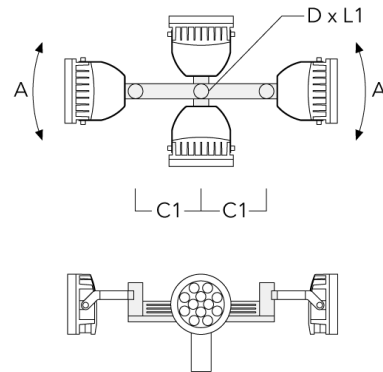
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**FLC240 LED COLOR CHANGER**

| Description                               | Part ID  | A    | C1     | D x L1   | L | Weight (lb) | D x S     |
|---|----------|------|--------|----------|---|-------------|-----------|
| TA3 Mounting bracket, triple (Ø 4.25 x 8) | 147-0098 | ±90° | 25.59" | 4.25 x 8 |   | 53.35 lbs   | 108 x 200 |



|   |          |      |     |          |  |       |           |
|---|----------|------|-----|----------|--|-------|-----------|
| TA4 Mounting bracket, quad (Ø 4.25 x 8) | 147-0100 | ±90° | 650 | 4.25 x 8 |  | 53.00 | 108 x 200 |
|---|----------|------|-----|----------|--|-------|-----------|



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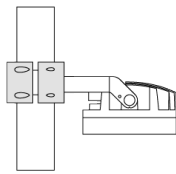
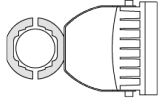
**FLC240 LED COLOR CHANGER**

**Pole clamp TS**

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| Description                              | Part ID  | D1       | Weight (lb) | D     |
|--|----------|----------|-------------|-------|
| TS1-2/M12 Pole clamp, single (Ø 3"-3.5") | 147-0543 | 3.0-3.50 | 3.31        | 76-89 |

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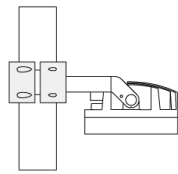
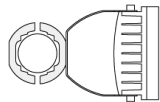


D1

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|  |          |         |      |         |
|--|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5") | 147-0526 | 4.0-4.5 | 3.53 | 102-114 |
|--|----------|---------|------|---------|

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D1

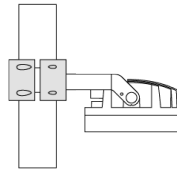
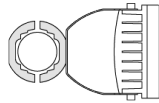
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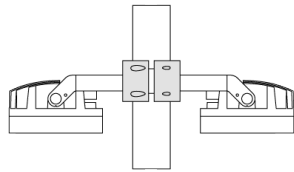
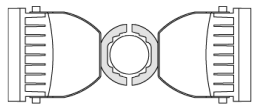
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| Description                                 | Part ID  | D1         | Weight (lb) | D       |
|---|----------|------------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25") | 147-0544 | 4.5"-5.25" | 3.75        | 114-133 |



D1

|  |          |           |          |       |
|--|----------|-----------|----------|-------|
| TS2-2/M12 Pole clamp, double (Ø 3"-3.5") | 147-0545 | 3.0"-3.5" | 3.09 lbs | 76-89 |
|--|----------|-----------|----------|-------|



D1

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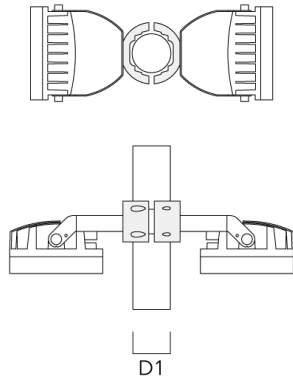
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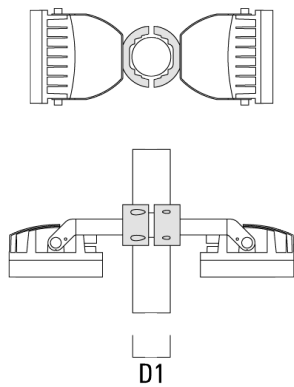
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| Description                                | Part ID  | D1       | Weight (lb) | D       |
|--|----------|----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5") | 147-0527 | 4.0-4.50 | 3.31        | 102-114 |



|   |          |           |      |         |
|---|----------|-----------|------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25") | 147-0546 | 4.50-5.25 | 3.53 | 114-133 |
|---|----------|-----------|------|---------|



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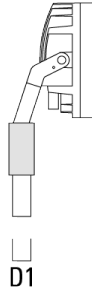
**FLC240 LED COLOR CHANGER**

**Pole top caps KF**

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| Description                      | Part ID  | D1   | D × L1   | Weight (lb) | D        |
|----------------------------------|----------|------|----------|-------------|----------|
| KF16-60/M16 Spigot Cap (Ø 2.36") | 310-9120 | 2.36 | 2.36 x 4 | 4.4 lbs     | 60 x 100 |

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|                                 |          |   |       |          |          |
|---------------------------------|----------|---|-------|----------|----------|
| KF16-76/M16 Spigot Cap (Ø 3.0") | 310-9121 | 3 | 3 x 4 | 1.10 lbs | 76 x 100 |
|---------------------------------|----------|---|-------|----------|----------|

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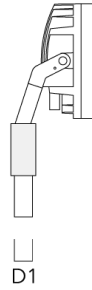
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| Description                     | Part ID  | D1   | D × L1  | Weight (lb) | D  |
|---------------------------------|----------|------|---------|-------------|----|
| KF16-89/M16 Spigot Cap (Ø 3.5") | 300-0734 | 3.50 | 3.5 x 3 | 1.10 lbs    | 89 |

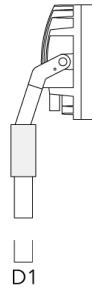
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|                                   |          |      |          |         |     |
|-----------------------------------|----------|------|----------|---------|-----|
| KF16-108/M16 Spigot Cap (Ø 4.25") | 300-0735 | 4.25 | 4.25 x 3 | 4.4 lbs | 108 |
|-----------------------------------|----------|------|----------|---------|-----|

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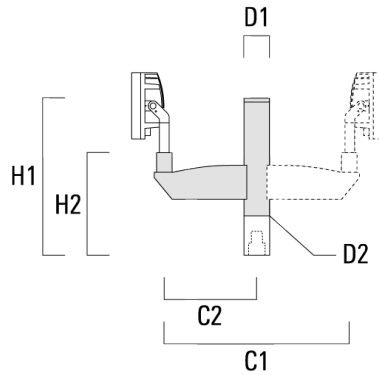
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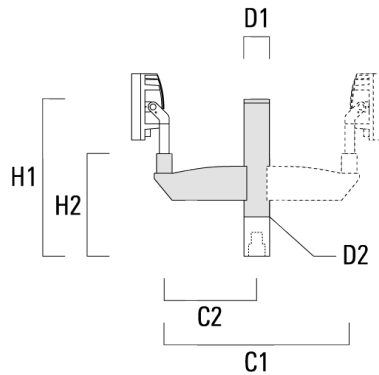
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**Pole Mount Brackets PMB**

| Description                 | Part ID  | C1    | C2    | D1  | D2            | H1    | H2    | Weight (lb) |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|-------------|
| PMB200-1 Pole mount bracket | 147-6017 | 39.67 | 20.09 | 6.0 | 3 x 3 + 4 x 3 | 28.94 | 15.89 | 37.8 lbs    |



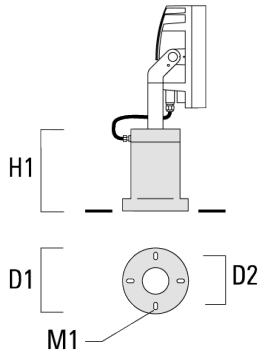
|                             |          |       |       |     |               |       |       |          |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|----------|
| PMB200-2 Pole mount bracket | 147-6018 | 39.67 | 20.09 | 6.0 | 3 x 3 + 4 x 3 | 28.94 | 15.89 | 57.0 lbs |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|----------|



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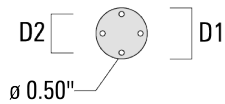
**Short post EM**

| Description | Part ID  | D1   | D2    | H1 | M1    | Weight (lb) |
|-------------|----------|------|-------|----|-------|-------------|
| EM1-M16 AL  | 270-0001 | 6.3" | 5.12" | 8" | 0.35" | 4.85 lbs    |



**Surface Mount Canopy SMC**

| Description | Part ID  | D1    | D2   | Weight (lb) |
|-------------|----------|-------|------|-------------|
| SMC-200     | 147-6915 | 10.83 | 9.25 | 15.4 lbs    |



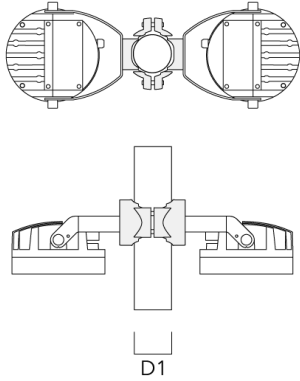
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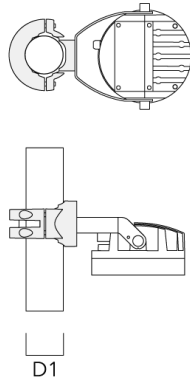
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**Pole clamp PC**

| Description                                 | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC2 76-89/60 Pole clamp, double (Ø 3"-3.5") | 139-2703 | 3.0-3.50 | 2.20        |



|   |          |          |      |
|---|----------|----------|------|
| PC1 76-89/60 Pole clamp, single (Ø 3"-3.5") | 139-2702 | 3.0-3.50 | 2.20 |
|---|----------|----------|------|



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| Description                                      | Part ID  | D1       | Weight (lb) |
|--|----------|----------|-------------|
| PC2 102-114/60 Pole clamp, double<br>(Ø 4"-4.5") | 139-2707 | 4.0-4.50 | 2.65        |

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|  |          |          |      |
|--|----------|----------|------|
| PC1 102-114/60 Pole clamp, single<br>(Ø 4"-4,5") | 139-2706 | 4.0-4.50 | 2.65 |
|--|----------|----------|------|

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| Description   | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC2 114-133/60 Pole clamp, double<br>(Ø 4.5"-5.25") | 139-2709 | 4.5-5.25 | 3.10        |

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|   |          |          |      |
|---|----------|----------|------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10 |
|---|----------|----------|------|

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139-2142

**we-ef**

**FLC240 LED COLOR CHANGER**

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| Description   | Part ID  | D1        | Weight (lb) |
|---|----------|-----------|-------------|
| PC2 82-109/60 Pole clamp, double<br>(Ø 3.25"-4.25") | 139-2705 | 3.20-4.30 | 2.40        |

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|  |          |           |      |
|--|----------|-----------|------|
| PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3") | 139-2704 | 3.20-4.30 | 2.40 |
|--|----------|-----------|------|

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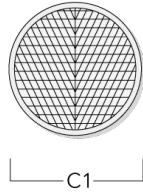
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**FLC240 LED COLOR CHANGER**

**Optical Accessories**

**Wallwash lens**

| Description      | Part ID  | Additional information                       | C1    |
|------------------|----------|--|-------|
| IO-20-FLC240-LED | 139-1854 | for symmetric [M] medium beam luminaire only | 11.38 |



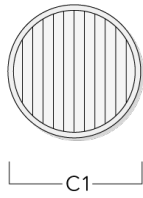
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**Linear spread lens**

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| Description               | Part ID  | C1    |
|---------------------------|----------|-------|
| Linear spread lens IO-180 | 139-1855 | 11.40 |

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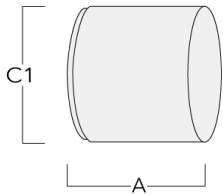
---

**Snoot**

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| Description   | Part ID  | A    | C1    |
|---------------|----------|------|-------|
| ET-FLC240-LED | 139-1859 | 7.87 | 11.50 |

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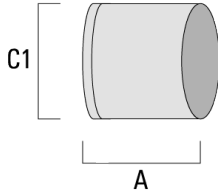
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**FLC240 LED COLOR CHANGER**

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| Description      | Part ID  | A    | C1    |
|------------------|----------|------|-------|
| ET-FLC240-CC-LED | 139-6975 | 7.87 | 13.62 |

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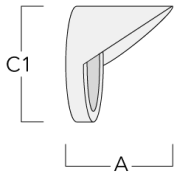
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**Glare shield**

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| Description   | Part ID  | A    | C1    |
|---------------|----------|------|-------|
| ES-FLC240-LED | 139-1858 | 7.87 | 13.62 |

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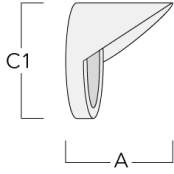


**FLC240 LED COLOR CHANGER**

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| Description      | Part ID  | A    | C1    |
|------------------|----------|------|-------|
| ES-FLC240-CC-LED | 139-6971 | 7.87 | 13.62 |

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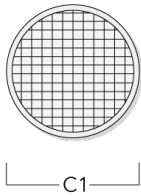
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**Softening Lens**

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| Description       | Part ID  | C1    |
|-------------------|----------|-------|
| IO-360-FLC240-LED | 139-1856 | 11.40 |

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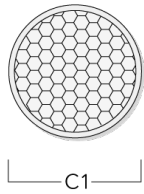
**FLC240 LED COLOR CHANGER**

**Honeycomb louvre**

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| Description         | Part ID  | C1    |
|---------------------|----------|-------|
| Honeycomb Louvre IW | 139-1857 | 10.90 |

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**FLC240 LED COLOR CHANGER**

**Control**

**DMX Controller**

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| Description    | Part ID  |
|----------------|----------|
| DMX Controller | 400-0469 |

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**DMX Controller (smart)**

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| Description            | Part ID  | Additional information  |
|------------------------|----------|---|
| DMX Controller (smart) | 400-0470 | IP20. The Touch Panel is an untutive abd easy-to use keypad or one DMX universe. It can store up to 36 scences; alternatively, via .... |

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139-2142

**we-ef**

**FLC240 LED COLOR CHANGER**

**DMX Controller - RDM ready**

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| Description                | Part ID  |
|----------------------------|----------|
| DMX Controller - RDM ready | 400-0471 |

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**DMX Splitter**

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| Description  | Part ID  |
|--------------|----------|
| DMX Splitter | 400-0473 |

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**FLC240 LED COLOR CHANGER**

**DMX Booster Box**

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| Description     | Part ID  |
|-----------------|----------|
| DMX Booster Box | 400-0474 |

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**DMX Termination Plug**

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| Description          | Part ID  |
|----------------------|----------|
| DMX Termination Plug | 400-0475 |

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**FLC240 LED COLOR CHANGER**

**DMX Plug and Socket**

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| Description         | Part ID  |
|---------------------|----------|
| DMX Plug and Socket | 400-0479 |

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**DMX Combination Cable**

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| Description           | Part ID  |
|-----------------------|----------|
| DMX Combination Cable | 400-0480 |

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**FLC240 LED COLOR CHANGER**

**DMX Wireless Repeater**

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| Description           | Part ID  |
|-----------------------|----------|
| DMX Wireless Repeater | 400-0477 |

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**DMX Wireless Transceiver**

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| Description              | Part ID  |
|--------------------------|----------|
| DMX Wireless Transceiver | 400-0476 |

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**FLC240 LED COLOR CHANGER**

**DMX Controller (smart) - RDM ready**

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| Description                        | Part ID  |
|------------------------------------|----------|
| DMX Controller (smart) - RDM ready | 400-0472 |

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