



Description

RGBW/RGBA Color Changer.

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

Color Boost technology: With Color Boost the targeted and selective control of individual channels or colors means that a higher power of the LEDs can be accessed than in total when all colors are simultaneously operated. The light output is thus maximized by targeted control of individual channels/colors.

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.

|                    |                            |
|--------------------|----------------------------|
| Weight             | 16.76 lb                   |
| Light distribution | symmetric, narrow beam [N] |
| Light source       | LED-12/48W - RGBW/4K       |
| CRI                | 80                         |
| Power supply       | electronic gear            |
| LEDs               | 12                         |
| Rated input power  | 49 W                       |

Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 385  |
| Total Lumen | 4620 |
| Tj          | 85   |

Delivered lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 296.6  |
| Total Lumen | 3559.8 |
| Ta          | 25     |

**139-1914**

**we-ef**

**FLC230 LED COLOR CHANGER**

Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)

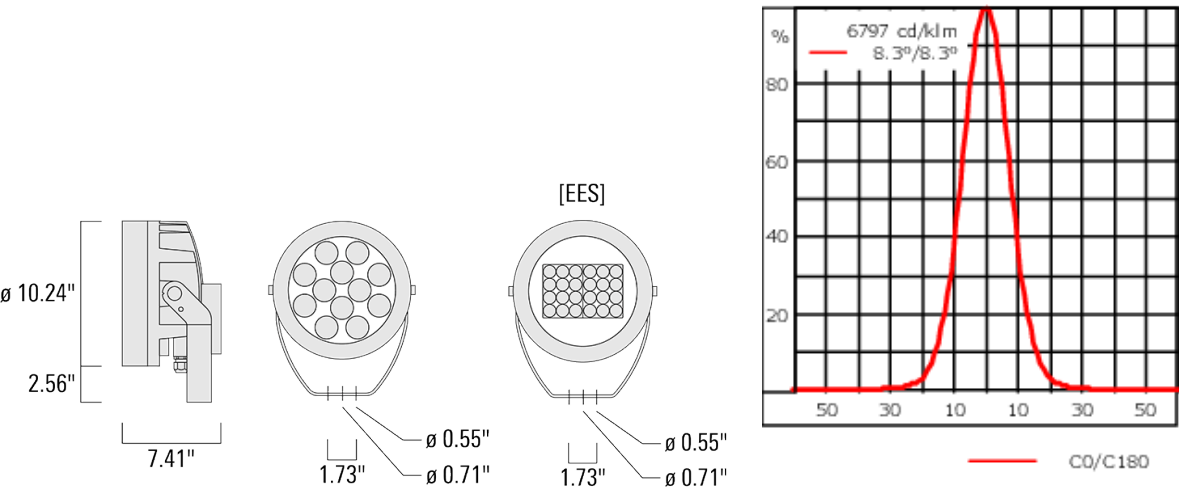
**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 08/16/2025

FLC230 LED COLOR CHANGER



Specifications  
Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colors               | <div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE superior corrosion protection system  |
| Windage              | 0.684   |

FLC230 LED COLOR CHANGER

Electrical description

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

Additional information

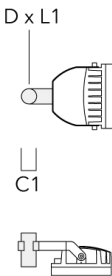
|          |   |
|----------|---|
| Lifetime | Ta=25°/40° L90B10 > 90000h  |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications. |

FLC230 LED COLOR CHANGER

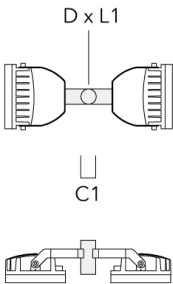
Mounting Accessories

Floodlight mounting bracket TA

| 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 |

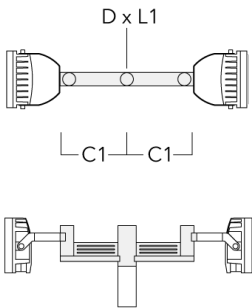


|   |          |  |      |          |      |       |           |
|---|----------|--|------|----------|------|-------|-----------|
| TA2 Mounting bracket, double (Ø 4.25 x 8) | 147-0097 |  | 5.12 | 4.25 x 8 | 4.25 | 16.53 | 108 x 200 |
|---|----------|--|------|----------|------|-------|-----------|

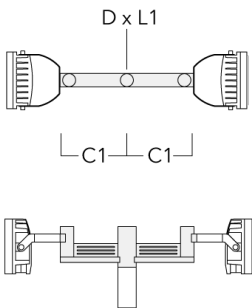


FLC230 LED COLOR CHANGER

| Description                                 | Part ID  | A    | C1    | D × L1   | L    | Weight (lb) | D × S     |
|---|----------|------|-------|----------|------|-------------|-----------|
| 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 |

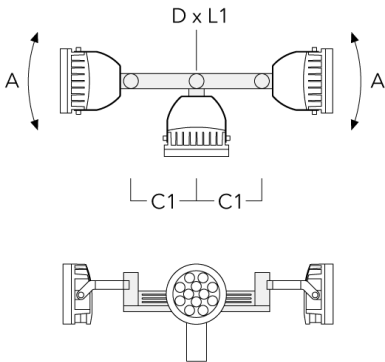


|  |          |      |       |       |      |       |          |
|--|----------|------|-------|-------|------|-------|----------|
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90° | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |
|--|----------|------|-------|-------|------|-------|----------|

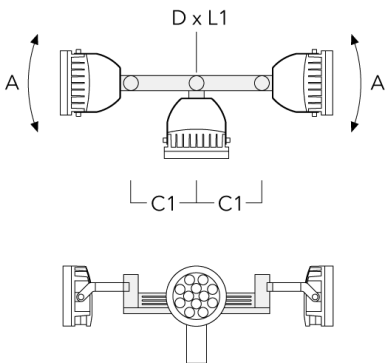


FLC230 LED COLOR CHANGER

| Description                               | Part ID  | A    | C1    | D × L1   | L   | Weight (lb) | D × 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 |



|   |          |      |        |          |  |           |           |
|---|----------|------|--------|----------|--|-----------|-----------|
| TA3 Mounting bracket, triple (Ø 4.25 x 8) | 147-0098 | ±90° | 25.59" | 4.25 x 8 |  | 53.35 lbs | 108 x 200 |
|---|----------|------|--------|----------|--|-----------|-----------|

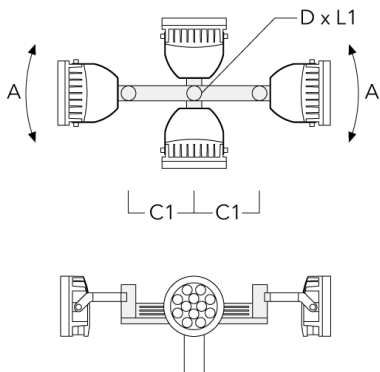


FLC230 LED COLOR CHANGER

| Description                             | Part ID  | A    | C1    | D × L1   | L | Weight (lb) | D × S    |
|---|----------|------|-------|----------|---|-------------|----------|
| TA4 Mounting bracket, quad (Ø 3.50 x 8) | 147-0099 | ±90° | 25.59 | 3.50 x 8 |   | 45.86 lbs   | 89 x 200 |



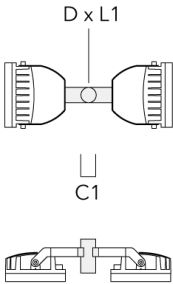
|   |          |      |       |          |  |       |           |
|---|----------|------|-------|----------|--|-------|-----------|
| TA4 Mounting bracket, quad (Ø 4.25 x 8) | 147-0100 | ±90° | 25.59 | 4.25 x 8 |  | 53.00 | 108 x 200 |
|---|----------|------|-------|----------|--|-------|-----------|



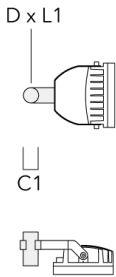


FLC230 LED COLOR CHANGER

| 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 |



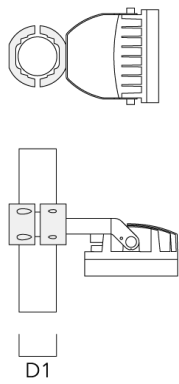
|  |          |  |      |       |      |      |          |
|--|----------|--|------|-------|------|------|----------|
| TA1 Mounting bracket, single (Ø 3 x 8) | 147-0023 |  | 5.12 | 3 x 8 | 2.99 | 4.19 | 76 x 200 |
|--|----------|--|------|-------|------|------|----------|



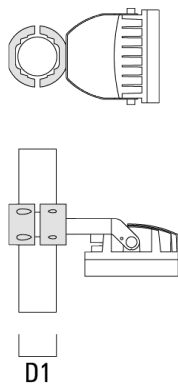
FLC230 LED COLOR CHANGER

Pole clamp TS

| Description                                | Part ID  | D1       | Weight (lb) | D       |
|--|----------|----------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5") | 147-0526 | 4.0-4.50 | 3.53        | 102-114 |

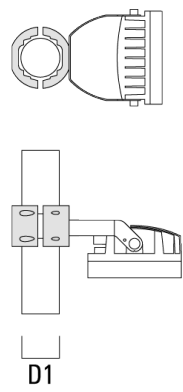


|   |          |         |      |         |
|---|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25") | 147-0544 | 114-133 | 3.75 | 114-133 |
|---|----------|---------|------|---------|

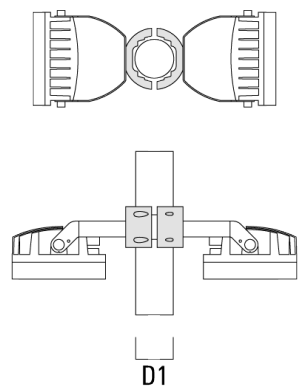


FLC230 LED COLOR CHANGER

| 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 |

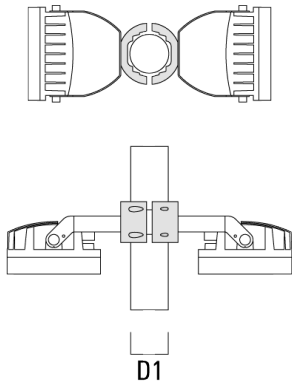


|  |          |           |          |       |
|--|----------|-----------|----------|-------|
| TS2-2/M12 Pole clamp, double (Ø 3"-3.5") | 147-0545 | 3.0"-3.5" | 3.09 lbs | 76-89 |
|--|----------|-----------|----------|-------|



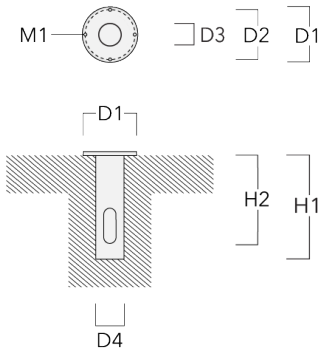
FLC230 LED COLOR CHANGER

| Description                                 | Part ID  | D1        | Weight (lb) | D       |
|---|----------|-----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25") | 147-0546 | 4.50-5.25 | 3.53        | 114-133 |



Planted root

| Description       | Part ID  | D1   | D2   | D3   | D4   | H1    | H2    | M1  | Weight (lb) |
|-------------------|----------|------|------|------|------|-------|-------|-----|-------------|
| Planted root ESV4 | 300-0461 | 5.71 | 5.12 | 4.01 | 4.25 | 15.75 | 13.78 | .31 | 15.54       |



FLC230 LED COLOR CHANGER

Pole top caps KF

| 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 |



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



FLC230 LED COLOR CHANGER

| 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 |



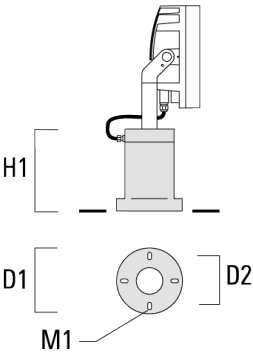
|                                   |          |      |          |         |     |
|-----------------------------------|----------|------|----------|---------|-----|
| KF16-108/M16 Spigot Cap (Ø 4.25") | 300-0735 | 4.25 | 4.25 x 3 | 4.4 lbs | 108 |
|-----------------------------------|----------|------|----------|---------|-----|



FLC230 LED COLOR CHANGER

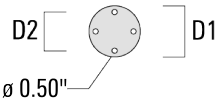
Short post EM

| 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

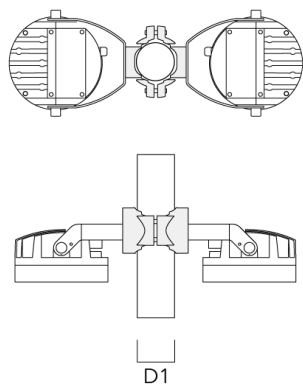
| Description | Part ID  | D1    | D2   | Weight (lb) |
|-------------|----------|-------|------|-------------|
| SMC-200     | 147-6915 | 10.83 | 9.25 | 15.4 lbs    |



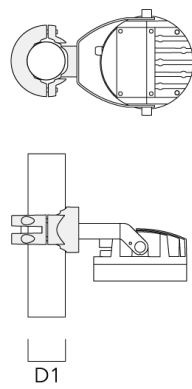
FLC230 LED COLOR CHANGER

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 |
|---|----------|----------|------|





FLC230 LED COLOR CHANGER

| 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        |



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



FLC230 LED COLOR CHANGER

| 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        |

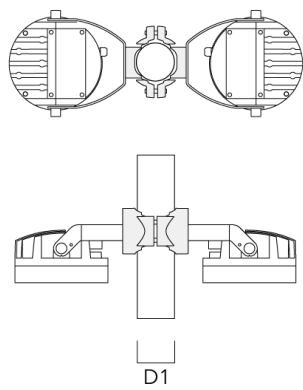


|   |          |          |      |
|---|----------|----------|------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10 |
|---|----------|----------|------|

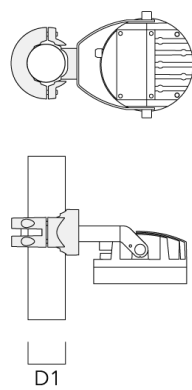


FLC230 LED COLOR CHANGER

| 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        |



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

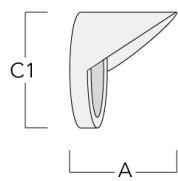


FLC230 LED COLOR CHANGER

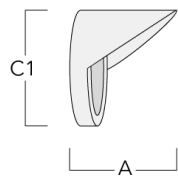
Optical Accessories

Glare shield

| Description   | Part ID  | A    | C1    |
|---------------|----------|------|-------|
| ES-FLC230-LED | 139-1852 | 6.26 | 10.47 |



|                  |          |      |       |
|------------------|----------|------|-------|
| ES-FLC230-CC-LED | 139-6970 | 6.29 | 10.47 |
|------------------|----------|------|-------|



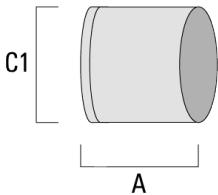
FLC230 LED COLOR CHANGER

Snoot

| Description   | Part ID  | A   | C1    |
|---------------|----------|-----|-------|
| ET-FLC230-LED | 139-1853 | 6.3 | 10.47 |



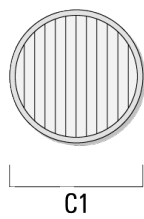
|                  |          |      |       |
|------------------|----------|------|-------|
| ET-FLC230-CC-LED | 139-6974 | 6.29 | 10.47 |
|------------------|----------|------|-------|



FLC230 LED COLOR CHANGER

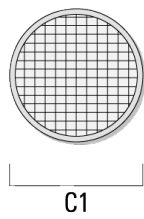
Linear spread lens

| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-180-FLC230-LED | 139-1849 | 7.80 |



Softening Lens

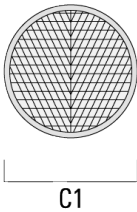
| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-360-FLC230-LED | 139-1850 | 7.80 |



FLC230 LED COLOR CHANGER

Wallwash lens

| Description      | Part ID  | C1   |
|------------------|----------|------|
| IO-20-FLC230-LED | 139-1848 | 7.83 |



FLC230 LED COLOR CHANGER

Control

DMX Controller

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

DMX Controller (smart)

| 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 .... |





FLC230 LED COLOR CHANGER

DMX Booster Box

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



DMX Termination Plug

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



FLC230 LED COLOR CHANGER

DMX Plug and Socket

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



DMX Combination Cable

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



FLC230 LED COLOR CHANGER

DMX Wireless Repeater

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



DMX Wireless Transceiver

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

