

FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR



Description

RGBW/RGBA Color Changer Profile Projector [ZP] for zoom spot.

Spherical/triple flat convex lens system. Aperture angle ranges from 14.6-19.8°.

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. PMMA LED lens array. Integral driver, thermally separated. Factory-installed LED circuit board.

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. RGBW/RGBA LED. 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".

|                       |  |
|-----------------------|--|
| Weight                | 11.10 lb   |
| Light distribution    | symmetric Zoom-Projector [ZP] - max aperture angle |
| Light source          | LED-FT-44W/RGBW/3K                                 |
| CRI                   | 20/80  |
| Power supply          | electronic gear                                    |
| LEDs                  | 1  |
| Rated input power     | 46 W   |
| Delivered lumens (lm) |  |
| LED Lumen             | 1029   |
| Total Lumen           | 1029   |
| Ta                    | 25   |
| Nominal Lumen (lm)    |  |
| LED Lumen             | 4420   |
| Total Lumen           | 4420   |
| Tc                    | 25   |

**139-3019\_max**

**we-ef**

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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)

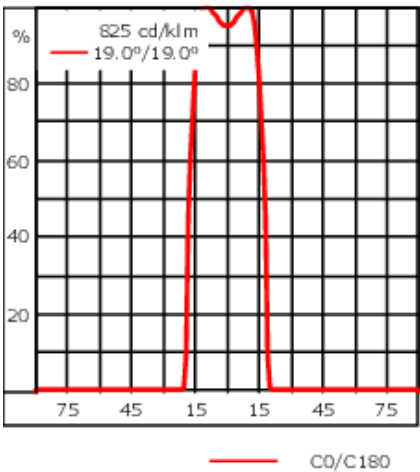
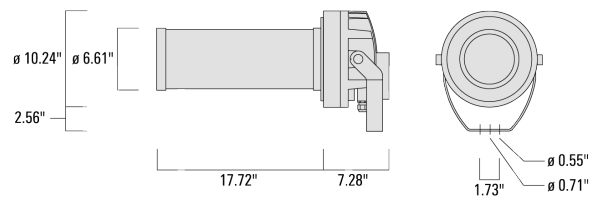
+ XXX-XXXX (Accessory 1)

**WE-EF LIGHTING USA, LLC**

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Subject to technical changes and errors. - Generated on 08/15/2025

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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   |
| Windage              | 1.073   |

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                       |

**FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR**

**Additional information**

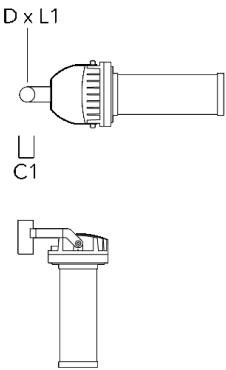
|          |  |
|----------|--|
| Lifetime | Ta=25°/40° L90B10 > 90000h                                 |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

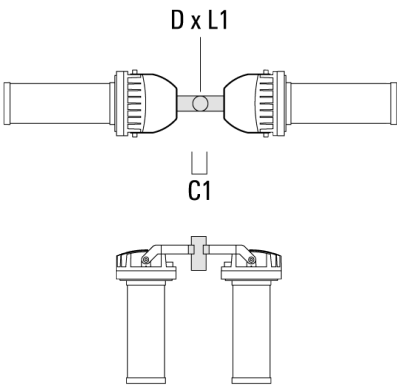
Mounting Accessories

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 |

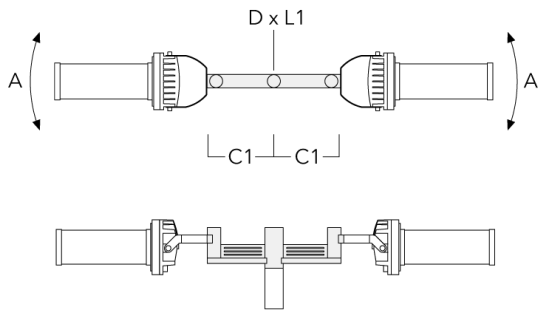


|  |          |  |      |       |      |      |          |
|--|----------|--|------|-------|------|------|----------|
| TA2 Mounting bracket, double (Ø 3 x 8) | 147-0024 |  | 5.12 | 3 x 8 | 2.99 | 4.19 | 76 x 200 |
|--|----------|--|------|-------|------|------|----------|

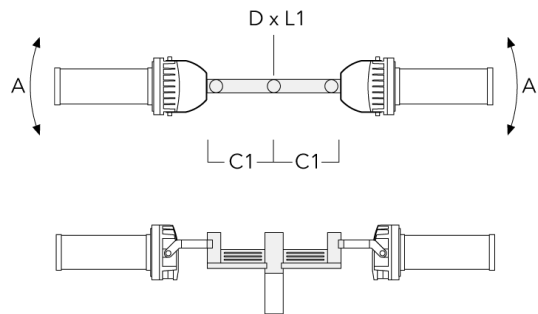


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| 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 |

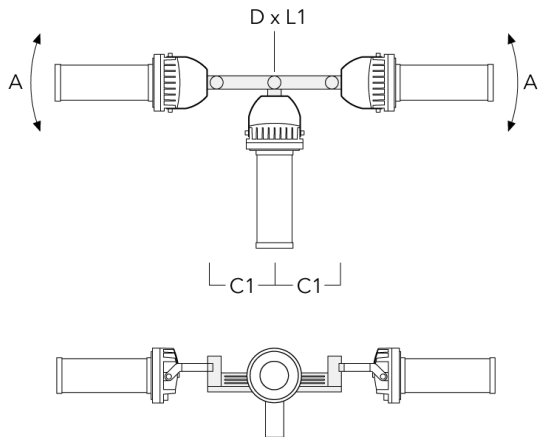


|  |          |      |       |       |      |       |          |
|--|----------|------|-------|-------|------|-------|----------|
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90° | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |
|--|----------|------|-------|-------|------|-------|----------|

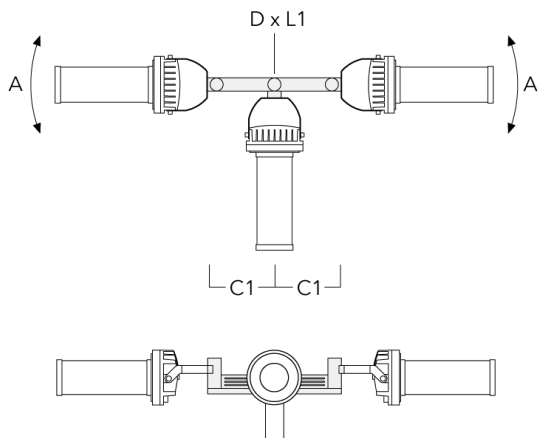


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| 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 |

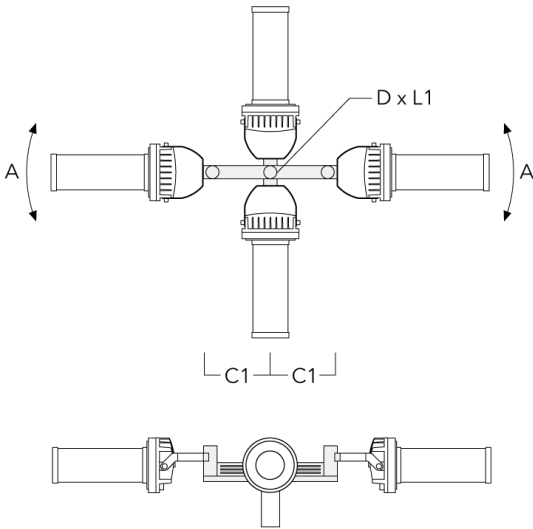


|   |          |      |        |          |  |           |           |
|---|----------|------|--------|----------|--|-----------|-----------|
| TA3 Mounting bracket, triple (Ø 4.25 x 8) | 147-0098 | ±90° | 25.59" | 4.25 x 8 |  | 53.35 lbs | 108 x 200 |
|---|----------|------|--------|----------|--|-----------|-----------|

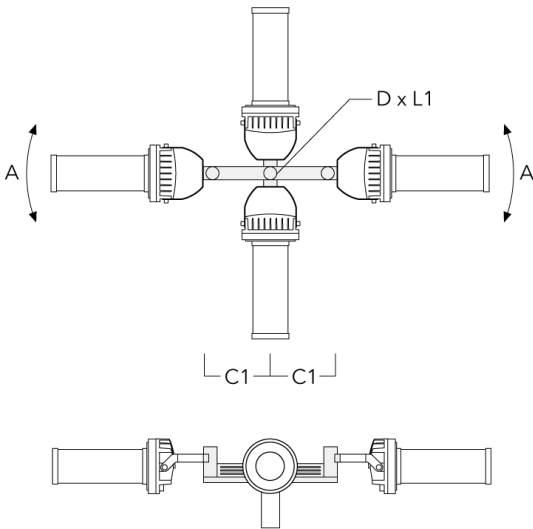


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| 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° | 650 | 4.25 x 8 |  | 53.00 | 108 x 200 |
|---|----------|------|-----|----------|--|-------|-----------|

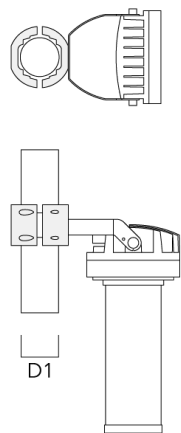




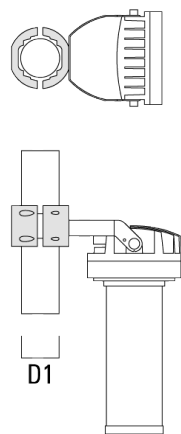
FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

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 |

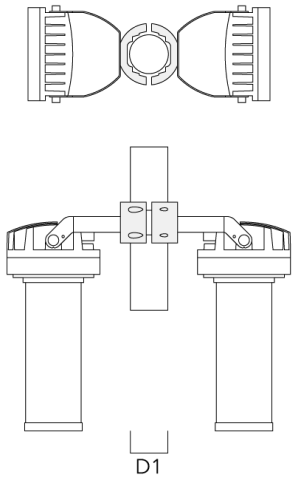


|   |          |         |      |         |
|---|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25") | 147-0544 | 114-133 | 3.75 | 114-133 |
|---|----------|---------|------|---------|

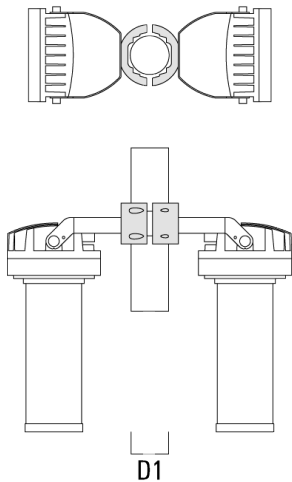


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| 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 |

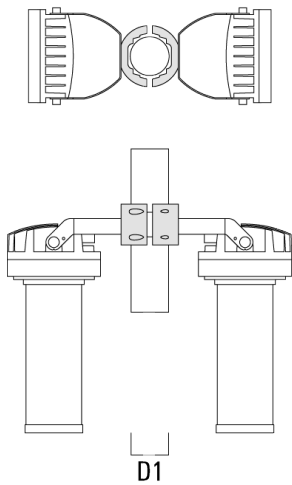


|  |          |           |          |       |
|--|----------|-----------|----------|-------|
| TS2-2/M12 Pole clamp, double (Ø 3"-3.5") | 147-0545 | 3.0"-3.5" | 3.09 lbs | 76-89 |
|--|----------|-----------|----------|-------|

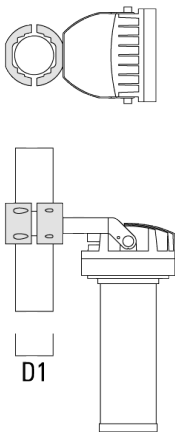


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| 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 |



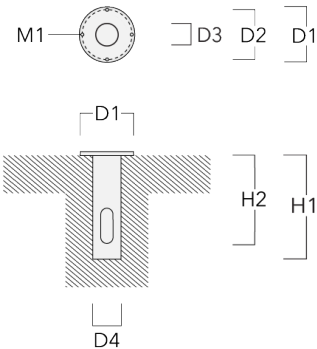
|  |          |          |      |       |
|--|----------|----------|------|-------|
| TS1-2/M12 Pole clamp, single (Ø 3"-3.5") | 147-0543 | 3.0-3.50 | 3.31 | 76-89 |
|--|----------|----------|------|-------|



FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

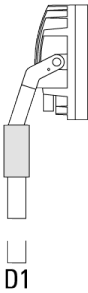
Planted root

| Description       | Part ID  | D1   | D2   | D3   | D4   | H1    | H2    | M1  | Weight (lb) |
|-------------------|----------|------|------|------|------|-------|-------|-----|-------------|
| Planted root ESV4 | 300-0461 | 5.71 | 5.12 | 2.36 | 3.50 | 15.75 | 13.78 | .31 | 8.44        |



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 |



FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| Description                     | Part ID  | D1 | D × L1 | Weight (lb) | D        |
|---------------------------------|----------|----|--------|-------------|----------|
| KF16-76/M16 Spigot Cap (Ø 3.0") | 310-9121 | 3  | 3 x 4  | 1.10 lbs    | 76 x 100 |



|                                 |          |      |         |          |    |
|---------------------------------|----------|------|---------|----------|----|
| KF16-89/M16 Spigot Cap (Ø 3.5") | 300-0734 | 3.50 | 3.5 x 3 | 1.10 lbs | 89 |
|---------------------------------|----------|------|---------|----------|----|



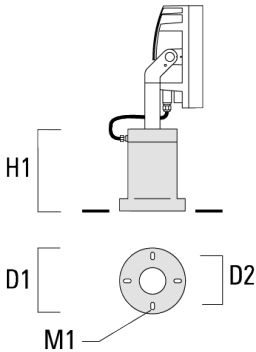
FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| Description                       | Part ID  | D1   | D × L1   | Weight (lb) | D   |
|-----------------------------------|----------|------|----------|-------------|-----|
| KF16-108/M16 Spigot Cap (Ø 4.25") | 300-0735 | 4.25 | 4.25 x 3 | 4.4 lbs     | 108 |



Short post EM

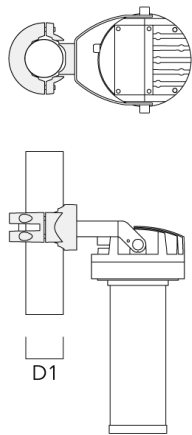
| Description | Part ID  | D1   | D2    | H1 | M1    | Weight (lb) |
|-------------|----------|------|-------|----|-------|-------------|
| EM1-M16 AL  | 270-0001 | 6.3" | 5.12" | 8" | 0.35" | 4.85 lbs    |



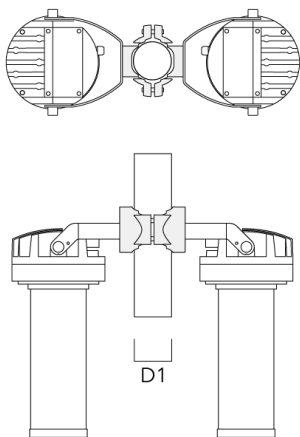
FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

Pole clamp PC

| Description                                 | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC1 76-89/60 Pole clamp, single (Ø 3"-3.5") | 139-2702 | 3.0-3.50 | 2.20        |



|   |          |          |      |
|---|----------|----------|------|
| PC2 76-89/60 Pole clamp, double (Ø 3"-3.5") | 139-2703 | 3.0-3.50 | 2.20 |
|---|----------|----------|------|

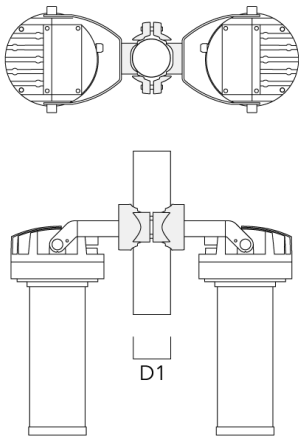


FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| Description                                    | Part ID  | D1        | Weight (lb) |
|--|----------|-----------|-------------|
| PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3") | 139-2704 | 3.20-4.30 | 2.40        |



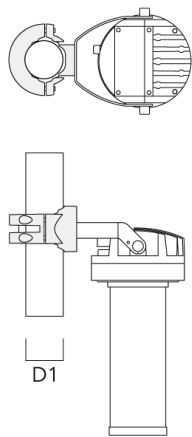
|  |          |           |      |
|--|----------|-----------|------|
| PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25") | 139-2705 | 3.20-4.30 | 2.40 |
|--|----------|-----------|------|





FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| Description                                      | Part ID  | D1       | Weight (lb) |
|--|----------|----------|-------------|
| PC1 102-114/60 Pole clamp, single<br>(Ø 4"-4,5") | 139-2706 | 4.0-4.50 | 2.65        |

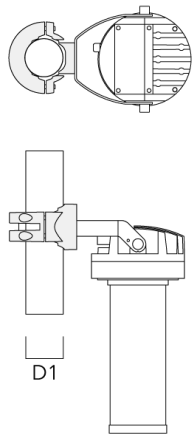


|  |          |          |      |
|--|----------|----------|------|
| PC2 102-114/60 Pole clamp, double<br>(Ø 4"-4.5") | 139-2707 | 4.0-4.50 | 2.65 |
|--|----------|----------|------|



FLC230 LED COLOR CHANGING ZOOM SPOT PROJECTOR

| Description   | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10        |



|   |          |          |      |
|---|----------|----------|------|
| PC2 114-133/60 Pole clamp, double<br>(Ø 4.5"-5.25") | 139-2709 | 4.5-5.25 | 3.10 |
|---|----------|----------|------|

