

## FLC220 LED COLOR CHANGING FRAMING PROJECTOR

**Description**

RGBW/RGBA Color Changer Profile Projector [FP] for framing applications, polygon shape.

Spherical and aspherical, double flat convex lens system. Aperture angle ranges from 14.6-22°.

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. RGBW/RGBA. 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".

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.

|                           |   |
|---------------------------|---|
| Weight                    | 18.10 lb  |
| Light distribution        | symmetric Framing-Projector [FP] - min aperture angle |
| Light source              | LED-FT-24W - RGBA                                     |
| CRI                       | 20  |
| Power supply              | electronic gear                                       |
| LEDs                      | 12  |
| Rated input power         | 27 W  |
| <b>Nominal Lumen (lm)</b> |   |
| LED Lumen                 | 162.5   |
| Total Lumen               | 1950  |
| Tj                        | 85  |
| <b>Rated lumens (lm)</b>  |   |
| LED Lumen                 | 30.6  |
| Total Lumen               | 367.5   |
| Ta                        | 25  |

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**139-2329\_min**

**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)

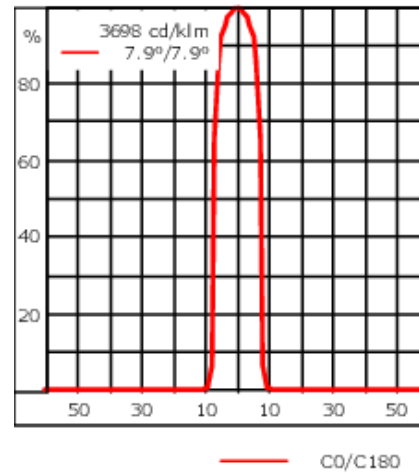
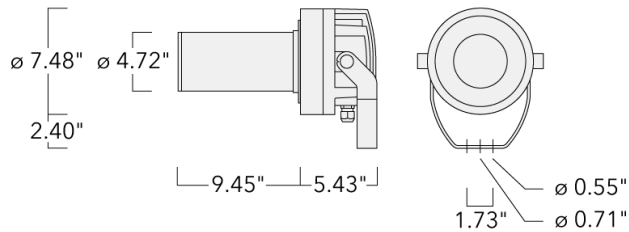
+ XXX-XXXX (Accessory 1)

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## FLC220 LED COLOR CHANGING FRAMING PROJECTOR



## 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><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IK07  |
| Impact resistance    | IP66  |
| Corrosion resistance | 5CE   |
| Windage              | 0.503   |

## Electrical description

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

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**Additional information**

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|          |  |
|----------|--|
| Lifetime | Ta=25°/40° L70B50 > 50000h                         |
| Listings | Contact WE-EF USA for ETL/UL certification status. |

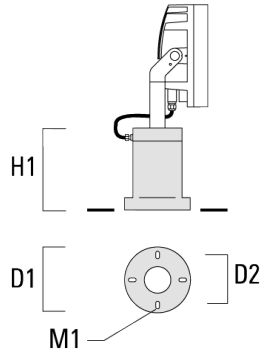
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**Mounting Accessories**

**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    |



**Pole clamp PC**

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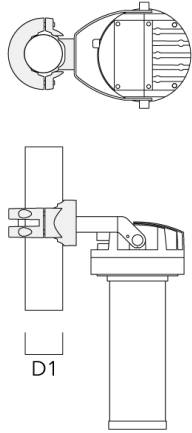
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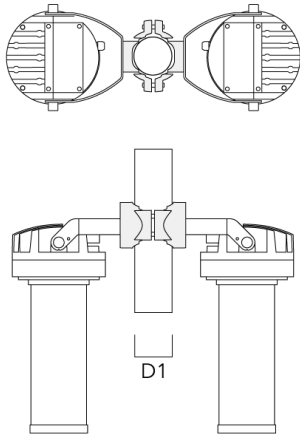
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| Description                                 | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC1 76-89/60 Pole clamp, single (Ø 3"-3.5") | 139-2702 | 3.0-3.50 | 2.20        |



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



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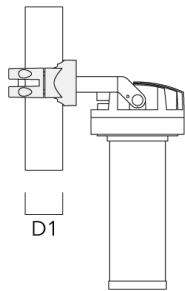
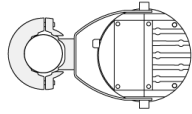
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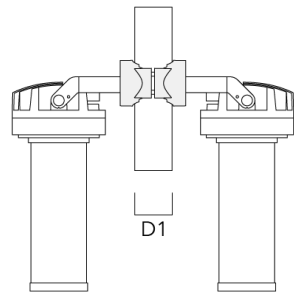
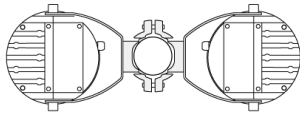
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| Description                                    | Part ID  | D1        | Weight (lb) |
|--|----------|-----------|-------------|
| PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3") | 139-2704 | 3.20-4.30 | 2.40        |



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



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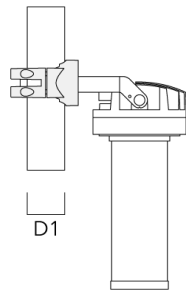
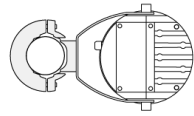
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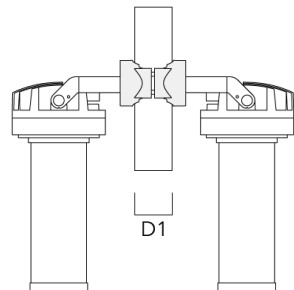
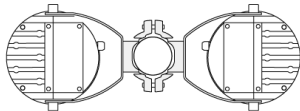
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| Description                                      | Part ID  | D1       | Weight (lb) |
|--|----------|----------|-------------|
| PC1 102-114/60 Pole clamp, single<br>(Ø 4"-4,5") | 139-2706 | 4.0-4.50 | 2.65        |



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



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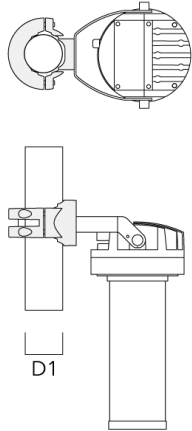
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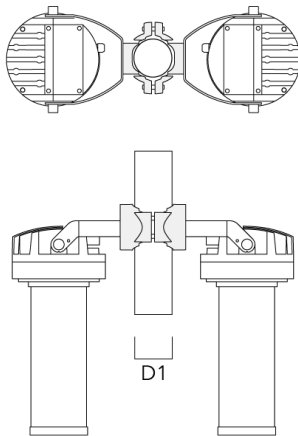


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| Description   | Part ID  | D1       | Weight (lb) |
|---|----------|----------|-------------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10        |



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



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**FLC220 LED COLOR CHANGING FRAMING PROJECTOR**

**Optical Accessories**

**Conversion Kit**

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| Description                           | Part ID  |
|---------------------------------------|----------|
| FLC220-FP 17-28 Degree Conversion Kit | 139-6959 |
| FLC220-FP 37-51 Degree Conversion Kit | 139-6961 |

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