

FLC220 LED ZOOM SPOT PROJECTOR

**Description**

Profile Projector [ZP] for zoom spot.

Spherical and aspherical, double flat convex lens system. Aperture angle ranges from 15.6-18.6°.

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. LED board can be removed for upgrading.

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 | 18.08 lb |
| Light distribution | symmetric Zoom-Projector [ZP] - min aperture angle |
| Light source | LED-FT-37W (2700K) |
| CRI | 80 |
| Power supply | electronic gear |
| LEDs | 1 |
| Rated input power | 42 W |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 2091.7 |
| Total Lumen | 2091.7 |
| Ta | 25 |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 4565 |
| Total Lumen | 4565 |
| Tc | 25 |

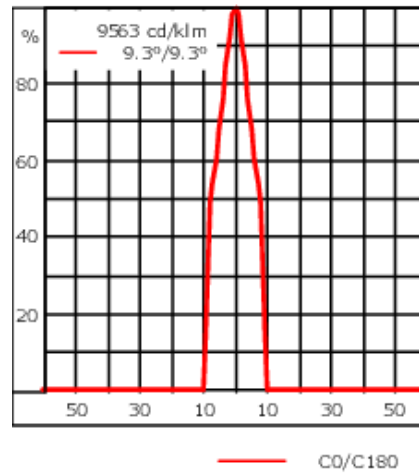
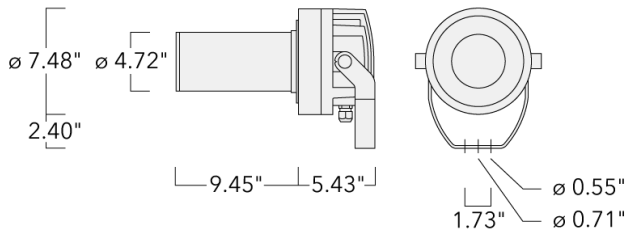
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Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colors | <ul style="list-style-type: none"> RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.503 |

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Electrical description

| | |
|------------------|---|
| Power supply | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
| Power factor | > 0.9 |
| Surge protection | Integral 10kV Surge Protector |

Additional information

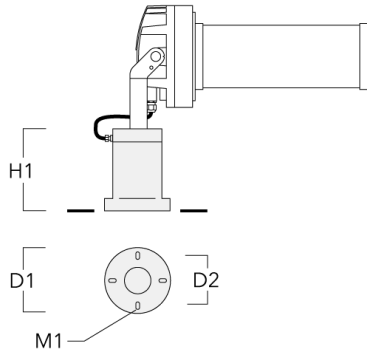
| | |
|----------|--|
| Lifetime | Ta=25°/40° L70B50 > 50000h |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

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Mounting Accessories

Short post EM

| Description | Part ID | D1 | D2 | H1 | M1 | Weight (lb) |
|-------------|----------|-----|------|-------|-------|-------------|
| EM1-M16 | 270-9038 | 6.3 | 5.12 | 7.87" | 0.35" | 4.85 lbs |



Floodlight mounting bracket TA

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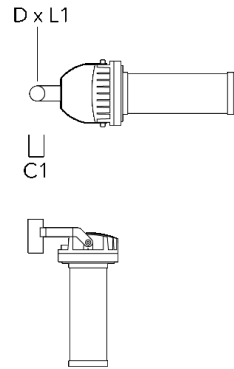
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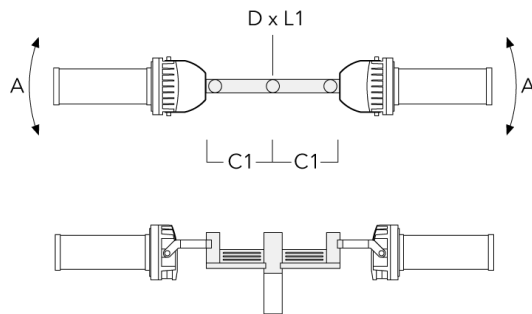
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| Description | Part ID | A | C1 | D × L1 | L | Weight (lb) | D × S |
|---|----------|---|------|----------|------|-------------|-----------|
| TA1 Mounting bracket, single (Ø 4.25 x 8) | 147-0096 | | 5.12 | 4.25 x 8 | 4.25 | 16.53 | 108 x 200 |



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



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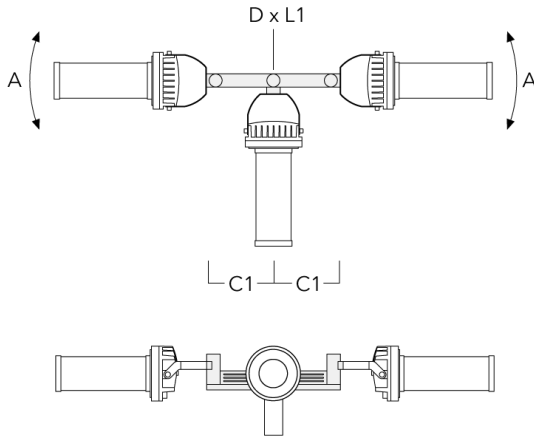
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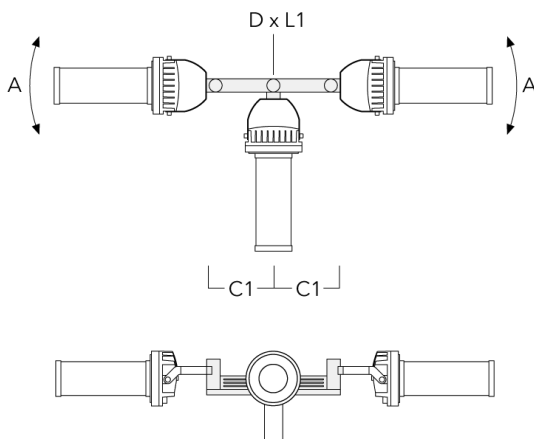
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| Description | Part ID | A | C1 | D x L1 | L | Weight (lb) | D x S |
|---|----------|------|-------|----------|-----|-------------|----------|
| TA3 Mounting bracket, triple (Ø 3.50 x 8) | 147-0025 | ±90° | 25.59 | 3.50 x 8 | 3.5 | 39.46 | 89 x 200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



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



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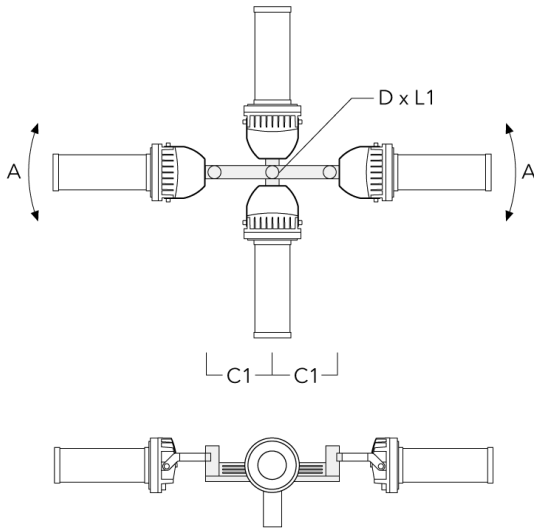
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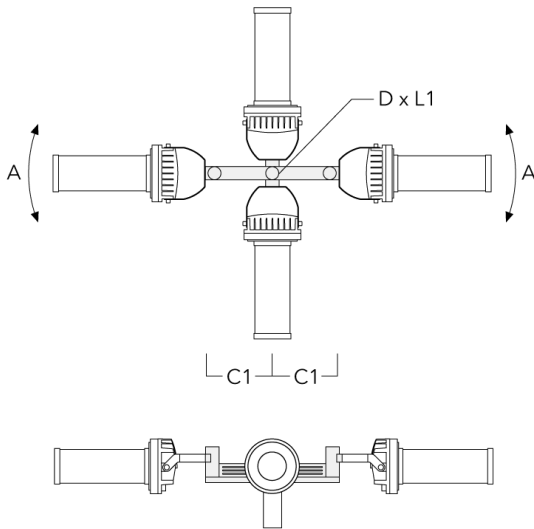
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| Description | Part ID | A | C1 | D x L1 | L | Weight (lb) | D x S |
|---|----------|------|-------|----------|---|-------------|----------|
| TA4 Mounting bracket, quad (Ø 3.50 x 8) | 147-0099 | ±90° | 25.59 | 3.50 x 8 | | 45.86 lbs | 89 x 200 |



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



Pole clamp TS

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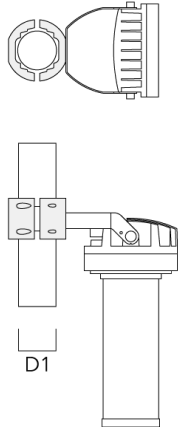
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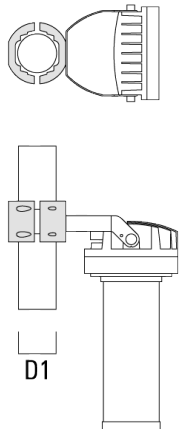
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| Description | Part ID | D1 | Weight (lb) | D |
|--|----------|----------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5") | 147-0526 | 4.0-4.50 | 3.53 | 102-114 |



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



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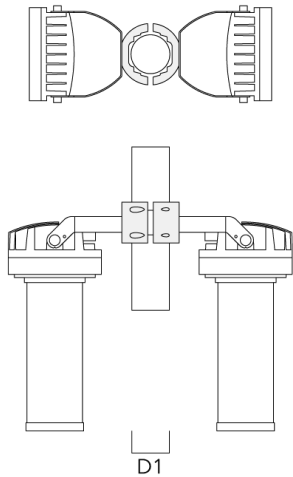
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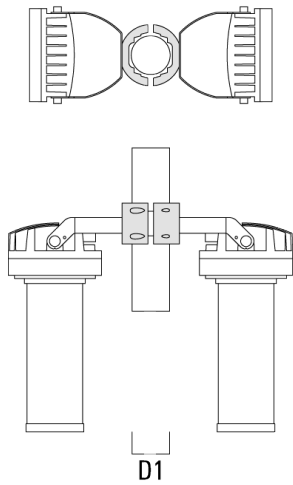
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| Description | Part ID | D1 | Weight (lb) | D |
|--|----------|----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5") | 147-0527 | 4.0-4.50 | 3.31 | 102-114 |



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



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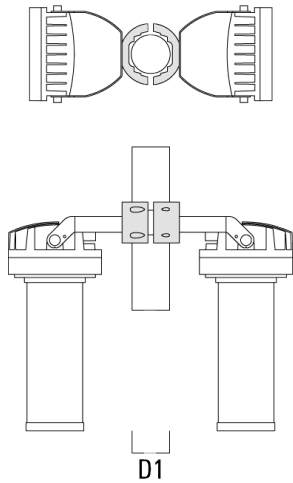
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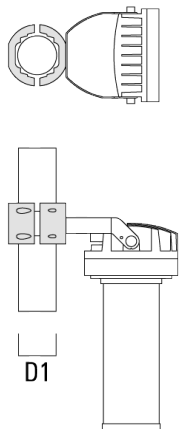
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| Description | Part ID | D1 | Weight (lb) | D |
|---|----------|-----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25") | 147-0546 | 4.50-5.25 | 3.53 | 114-133 |



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



Pole top caps KF

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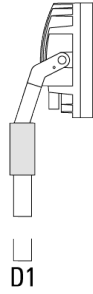
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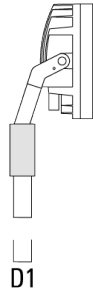
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| Description | Part ID | D1 | D × L1 | Weight (lb) | D |
|----------------------------------|----------|------|----------|-------------|----------|
| KF16-60/M16 Spigot Cap (Ø 2.36") | 310-9120 | 2.36 | 2.36 x 4 | 4.4 lbs | 60 x 100 |



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



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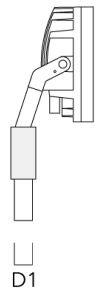
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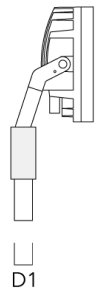
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| Description | Part ID | D1 | D × L1 | Weight (lb) | D |
|---------------------------------|----------|------|---------|-------------|----|
| KF16-89/M16 Spigot Cap (Ø 3.5") | 300-0734 | 3.50 | 3.5 x 3 | 1.10 lbs | 89 |



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



Wall Mount Bracket WMB

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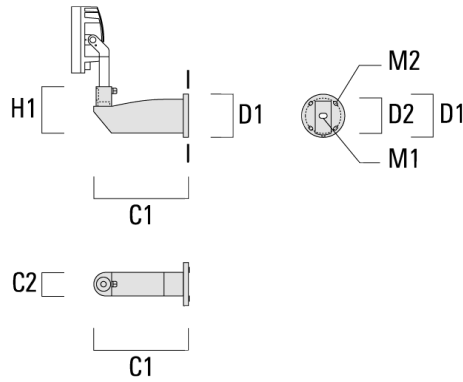
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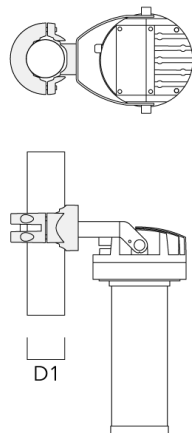
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| Description | Part ID | C1 | C2 | D1 | D2 | H1 | M1 | M2 | Weight (lb) |
|---------------------------|----------|-------|------|------|------|-------|------|------|-------------|
| WMB200 Wall mount bracket | 147-6015 | 20.28 | 4.72 | 9.25 | 7.88 | 11.34 | 1.05 | 0.47 | 20.0 lbs |



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 |



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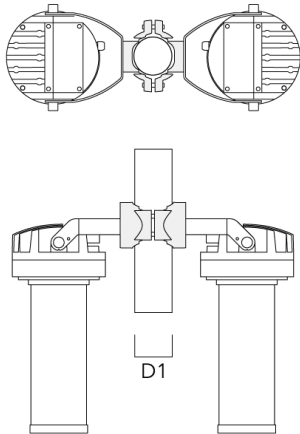
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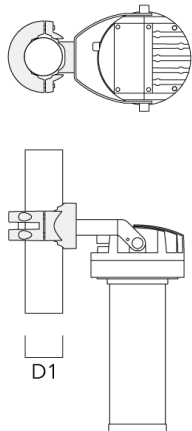
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| Description | Part ID | D1 | Weight (lb) |
|---|----------|----------|-------------|
| PC2 76-89/60 Pole clamp, double (Ø 3"-3.5") | 139-2703 | 3.0-3.50 | 2.20 |



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



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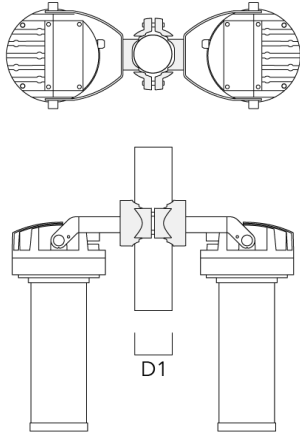
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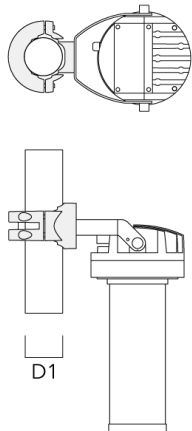
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| Description | Part ID | D1 | Weight (lb) |
|---|----------|-----------|-------------|
| PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25") | 139-2705 | 3.20-4.30 | 2.40 |



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



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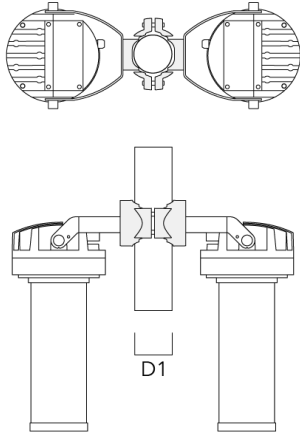
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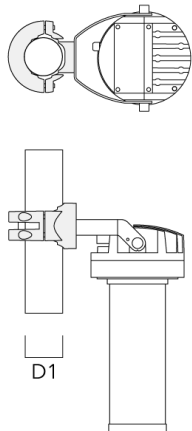
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| Description | Part ID | D1 | Weight (lb) |
|--|----------|----------|-------------|
| PC2 102-114/60 Pole clamp, double (Ø 4"-4.5") | 139-2707 | 4.0-4.50 | 2.65 |



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



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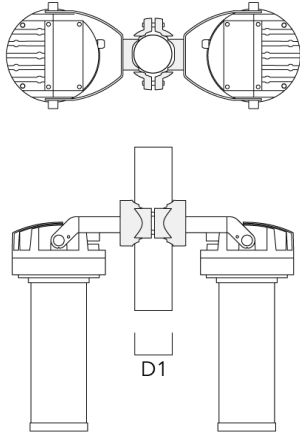
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| Description | Part ID | D1 | Weight (lb) |
|---|----------|----------|-------------|
| PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25") | 139-2709 | 4.5-5.25 | 3.10 |



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Optical Accessories

Conversion Kit

| Description | Part ID |
|---------------------------------------|----------|
| FLC220-ZP 17-28 Degree Conversion Kit | 139-6962 |
| FLC220-ZP 19-45 Degree Conversion Kit | 139-6963 |
| FLC220-ZP 37-51 Degree Conversion Kit | 139-6964 |

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139-2511_min

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