

FLC230 LED GOBO PROJECTOR

**Description**

Profile Projector [GP] for projection of gobos on a surface.

Spherical/triple flat convex lens system. Aperture angle ranges from 16.2-18.4°.

Gobo size B. Gobo outside diameter 86 mm, max printable area $d = 60$ mm. WE-EF recommends $d = 48$ mm.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass main lens. One cable gland, second gland for through wiring on request. PMMA LED lenses. Integral driver, thermally separated. LED boards 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.

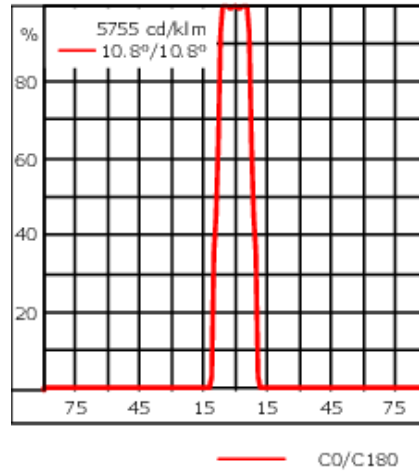
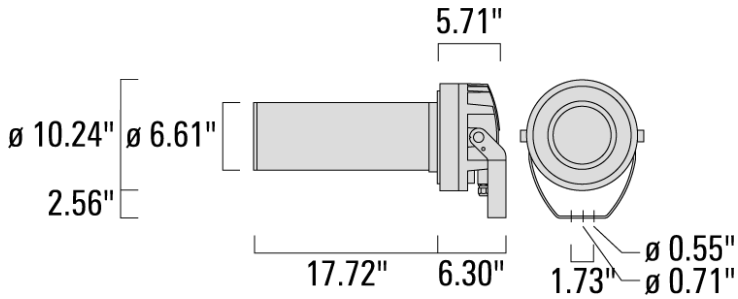
Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

| | |
|---------------------------|--|
| Weight | 10.80 lb |
| Light distribution | symmetric Gobo-Projector [GP] - min aperture angle |
| Light source | LED-FT-36W / 850 mA - 2200 K |
| CRI | 70 |
| Power supply | electronic gear |
| LEDs | 1 |
| Rated input power | 39 W |
| Rated lumens (lm) | |
| LED Lumen | 1980.3 |
| Total Lumen | 1980.3 |
| Ta | 25 |
| Nominal Lumen (lm) | |
| LED Lumen | 4300 |
| Total Lumen | 4300 |
| Tc | 25 |

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Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminum 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 | 1.073 |

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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 with 0-10V dimming, thermally separated |
| Power factor | > 0.9 |
| Surge protection | Integral 10kV Surge Protector |

Additional information

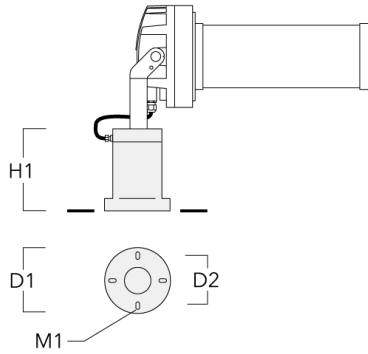
| | |
|----------|---|
| Lifetime | Ta=25°/40° L90B10 > 90000h |
| GOBO | Gobo outside diameter 86 mm, max. printable area d = 60 mm. WE-EF recommendation = d 48 mm. |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

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Mounting Accessories

Short post EM

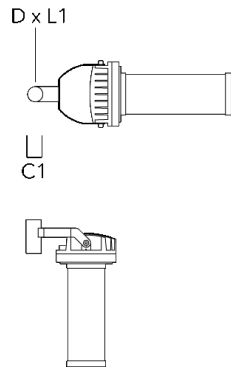
| Description | Part ID | D1 | D2 | H1 | M1 | Weight (lb) |
|-------------|----------|-----|------|-------|-------|-------------|
| EM1-M16 | 270-9038 | 6.3 | 5.12 | 7.87" | 0.35" | 4.85 lbs |



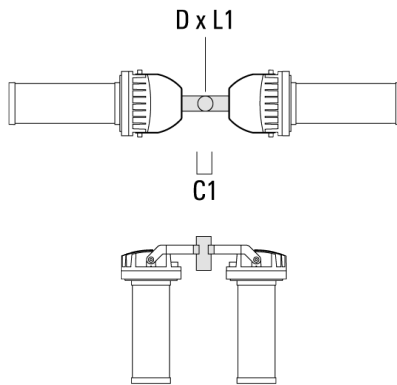
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Floodlight mounting bracket TA

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

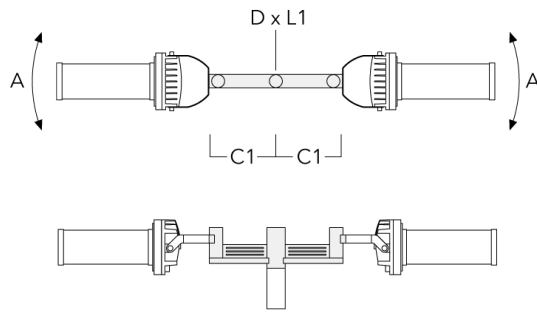


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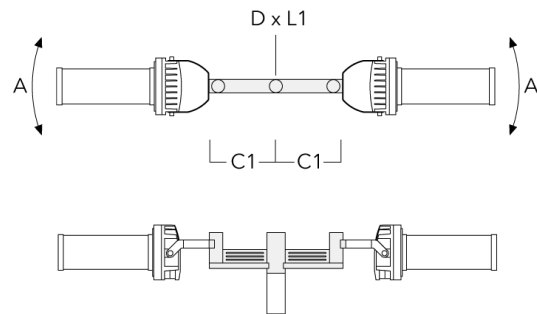
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| Description | Part ID | A | C1 | D x L1 | L | Weight (lb) | D x S |
|---|----------|------|-------|----------|------|-------------|-----------|
| TA2-L Mounting bracket, double (Ø 4.25 x 8) | 147-0148 | ±90° | 16.54 | 4.25 x 8 | 4.25 | 44.53 | 108 x 200 |

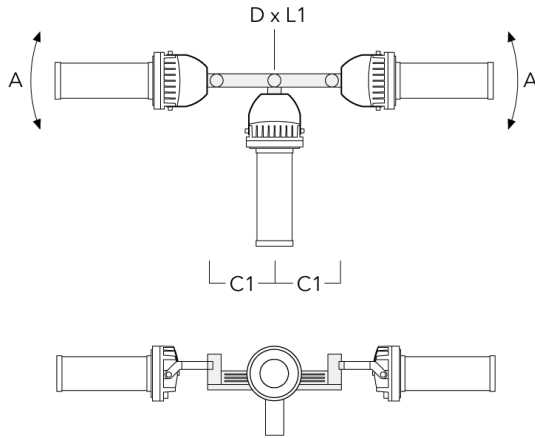


| | | | | | | | |
|--|----------|------|-------|-------|------|-------|----------|
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90° | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |
|--|----------|------|-------|-------|------|-------|----------|

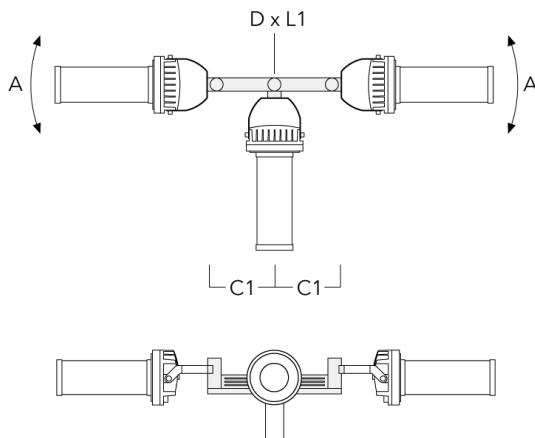


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| Description | Part ID | A | C1 | D x L1 | L | Weight (lb) | D x S |
|---|----------|------|-------|----------|-----|-------------|----------|
| TA3 Mounting bracket, triple (Ø 3.50 x 8) | 147-0025 | ±90° | 25.59 | 3.50 x 8 | 3.5 | 39.46 | 89 x 200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



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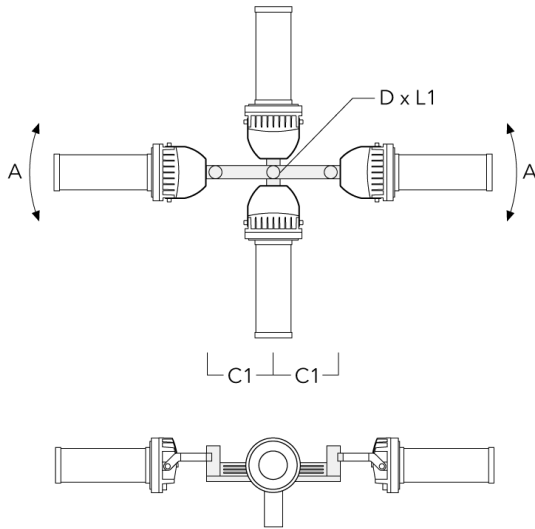
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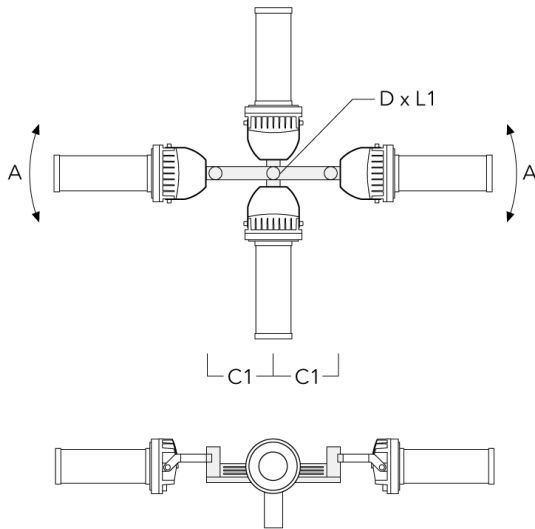
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| Description | Part ID | A | C1 | D x L1 | L | Weight (lb) | D x S |
|---|----------|------|-------|----------|---|-------------|----------|
| TA4 Mounting bracket, quad (Ø 3.50 x 8) | 147-0099 | ±90° | 25.59 | 3.50 x 8 | | 45.86 lbs | 89 x 200 |



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



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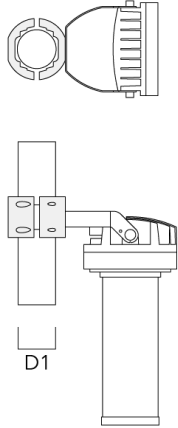
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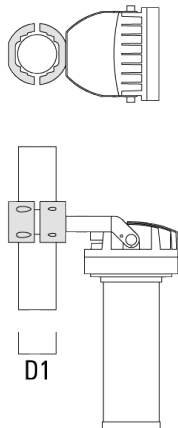
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Pole clamp TS

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

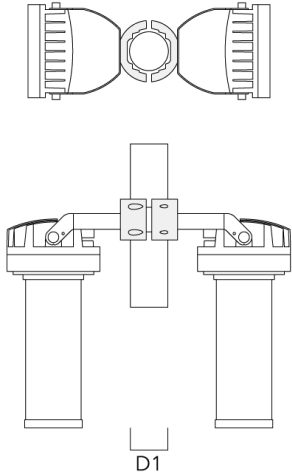


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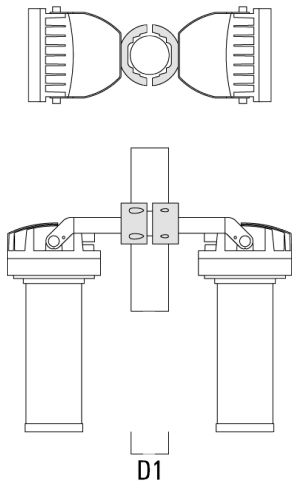
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| Description | Part ID | D1 | Weight (lb) | D |
|--|----------|----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5") | 147-0527 | 4.0-4.50 | 3.31 | 102-114 |



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

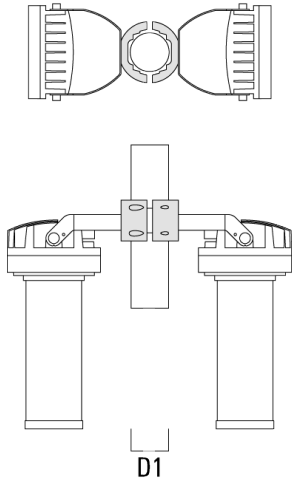


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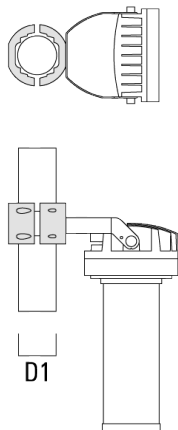
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| Description | Part ID | D1 | Weight (lb) | D |
|---|----------|-----------|-------------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25") | 147-0546 | 4.50-5.25 | 3.53 | 114-133 |



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



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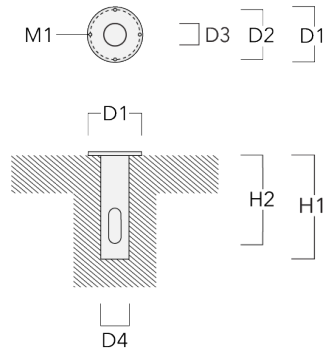
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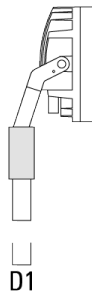
Planted root

| 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 |



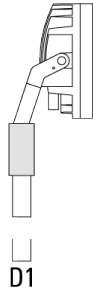
Pole top caps KF

| 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 |

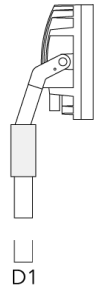


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| Description | Part ID | D1 | D × L1 | Weight (lb) | D |
|---------------------------------|----------|----|--------|-------------|----------|
| KF16-76/M16 Spigot Cap (Ø 3.0") | 310-9121 | 3 | 3 x 4 | 1.10 lbs | 76 x 100 |



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



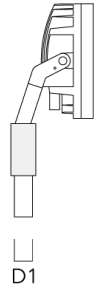
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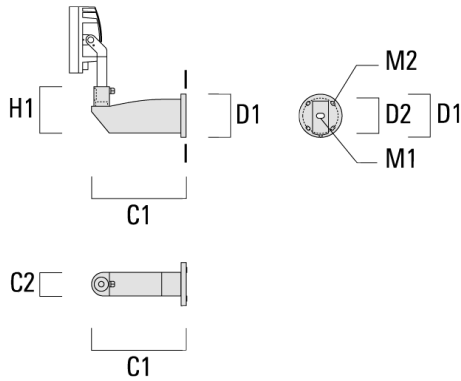
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| Description | Part ID | D1 | D × L1 | Weight (lb) | D |
|-----------------------------------|----------|------|----------|-------------|-----|
| KF16-108/M16 Spigot Cap (Ø 4.25") | 300-0735 | 4.25 | 4.25 x 3 | 4.4 lbs | 108 |



Wall Mount Bracket WMB

| 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 |



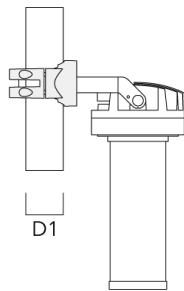
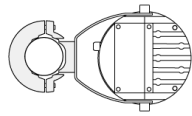
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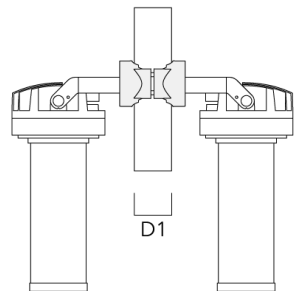
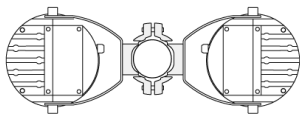
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Pole clamp PC

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



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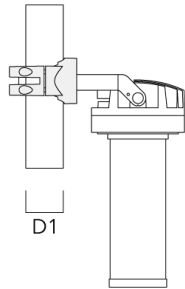
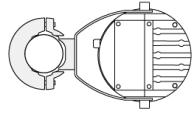
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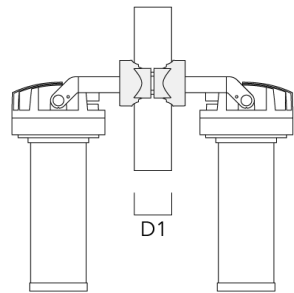
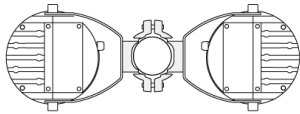
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| Description | Part ID | D1 | Weight (lb) |
|--|----------|-----------|-------------|
| PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3") | 139-2704 | 3.20-4.30 | 2.40 |



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

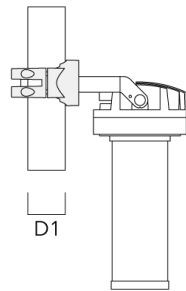
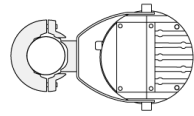


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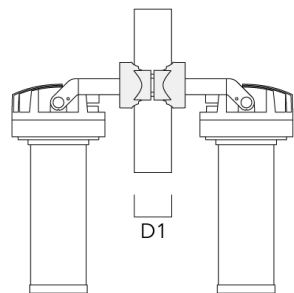
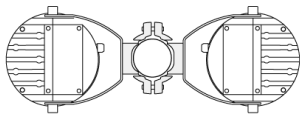
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|--|----------|----------|-------------|
| PC1 102-114/60 Pole clamp, single (Ø 4"-4,5") | 139-2706 | 4.0-4.50 | 2.65 |



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

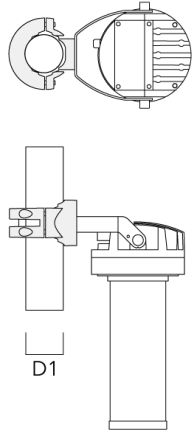


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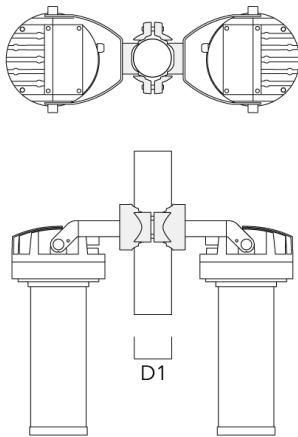
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|---|----------|----------|-------------|
| PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10 |



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



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