



Description

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. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming on request.

A maximum of one internal optical accessory.

Optional 2200K version available, except [VNS] version, to be specified at time of order.

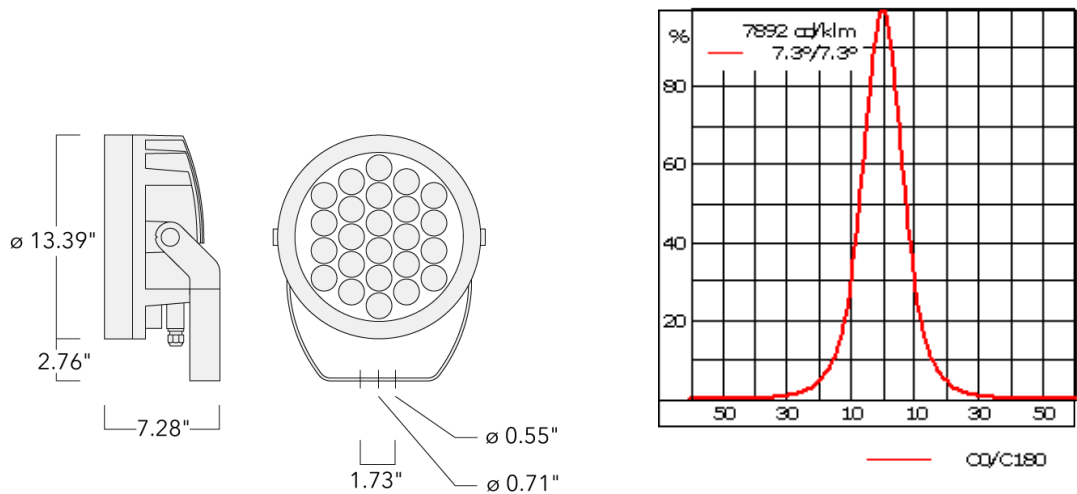
Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

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

|                    |                                |
|--------------------|--------------------------------|
| Weight             | 27.80 lb                       |
| Light distribution | symmetric, narrow beam [N]     |
| Light source       | LED-24/104W / 1400 mA - 3000 K |
| CRI                | 80                             |
| Power supply       | electronic gear                |
| LEDs               | 24                             |
| Rated input power  | 106 W                          |

| Nominal Lumen (lm) |       |
|--------------------|-------|
| LED Lumen          | 550   |
| Total Lumen        | 13200 |
| Tj                 | 85    |

| Delivered lumens (lm) |         |
|-----------------------|---------|
| LED Lumen             | 451     |
| Total Lumen           | 10824.4 |
| Ta                    | 25      |



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              | 1.176   |

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° 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. |

Mounting Accessories

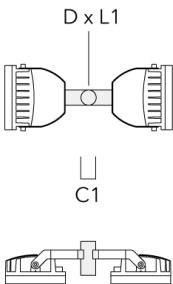
Short post EM

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

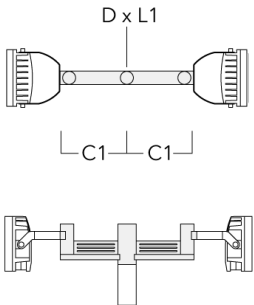


Floodlight mounting bracket TA

| 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 |



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



FLC240 LED

| 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 |

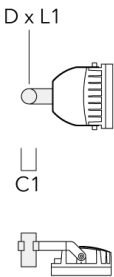


|   |          |      |       |          |  |           |          |
|---|----------|------|-------|----------|--|-----------|----------|
| TA4 Mounting bracket, quad (Ø 3.50 x 8) | 147-0099 | ±90° | 25.59 | 3.50 x 8 |  | 45.86 lbs | 89 x 200 |
|---|----------|------|-------|----------|--|-----------|----------|

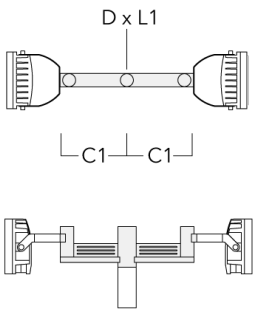


FLC240 LED

| 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 4.25 x 8) | 147-0148 | ±90° | 16.54 | 4.25 x 8 | 4.25 | 44.53 | 108 x 200 |
|---|----------|------|-------|----------|------|-------|-----------|

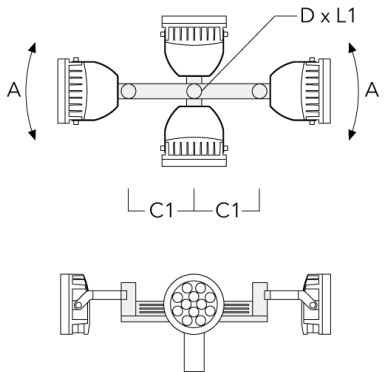


FLC240 LED

| Description                               | Part ID  | A    | C1     | D × L1   | L | Weight (lb) | D × S     |
|---|----------|------|--------|----------|---|-------------|-----------|
| TA3 Mounting bracket, triple (Ø 4.25 x 8) | 147-0098 | ±90° | 25.59" | 4.25 x 8 |   | 53.35 lbs   | 108 x 200 |



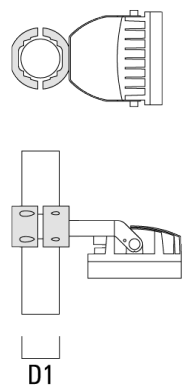
|   |          |      |     |          |  |       |           |
|---|----------|------|-----|----------|--|-------|-----------|
| TA4 Mounting bracket, quad (Ø 4.25 x 8) | 147-0100 | ±90° | 650 | 4.25 x 8 |  | 53.00 | 108 x 200 |
|---|----------|------|-----|----------|--|-------|-----------|



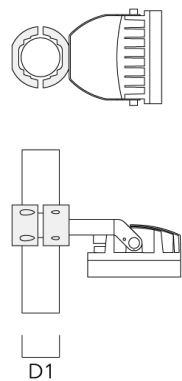


Pole clamp TS

| 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 |

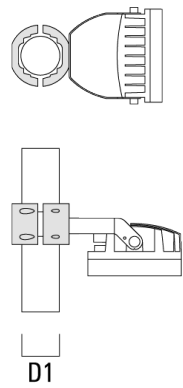


|  |          |         |      |         |
|--|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5") | 147-0526 | 4.0-4.5 | 3.53 | 102-114 |
|--|----------|---------|------|---------|

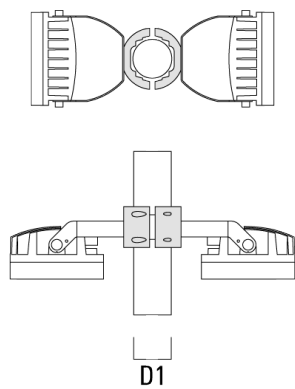


FLC240 LED

| Description                                 | Part ID  | D1         | Weight (lb) | D       |
|---|----------|------------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25") | 147-0544 | 4.5"-5.25" | 3.75        | 114-133 |

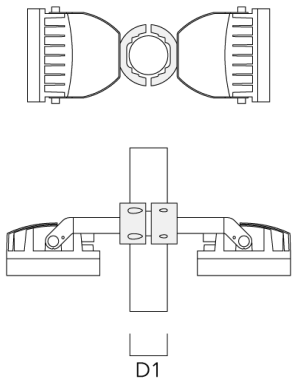


|  |          |           |          |       |
|--|----------|-----------|----------|-------|
| TS2-2/M12 Pole clamp, double (Ø 3"-3.5") | 147-0545 | 3.0"-3.5" | 3.09 lbs | 76-89 |
|--|----------|-----------|----------|-------|

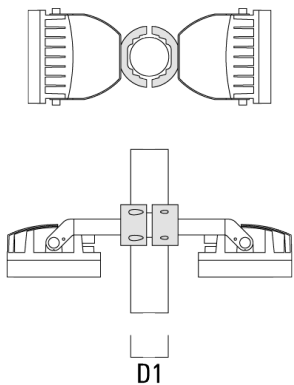


FLC240 LED

| 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 |

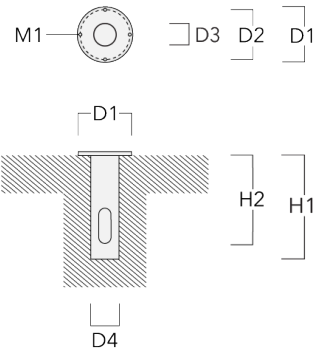


|   |          |           |      |         |
|---|----------|-----------|------|---------|
| TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25") | 147-0546 | 4.50-5.25 | 3.53 | 114-133 |
|---|----------|-----------|------|---------|



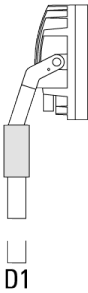
Planted root

| 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       |



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 |



FLC240 LED

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

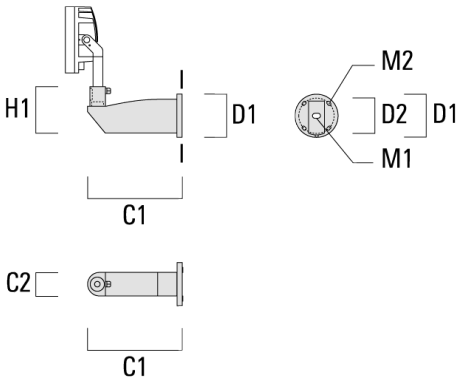


| Description                       | Part ID  | D1   | D × L1   | Weight (lb) | D   |
|-----------------------------------|----------|------|----------|-------------|-----|
| KF16-108/M16 Spigot Cap (Ø 4.25") | 300-0735 | 4.25 | 4.25 x 3 | 4.4 lbs     | 108 |



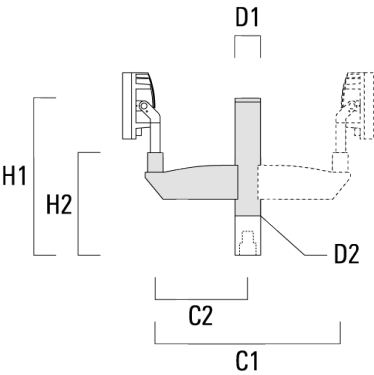
Wall Mount Bracket WMB

| 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    |

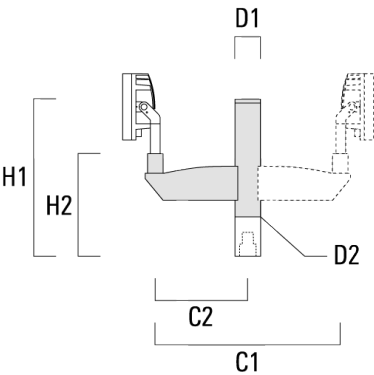


Pole Mount Brackets PMB

| Description                 | Part ID  | C1    | C2    | D1  | D2            | H1    | H2    | Weight (lb) |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|-------------|
| PMB200-1 Pole mount bracket | 147-6017 | 39.67 | 20.09 | 6.0 | 3 x 3 + 4 x 3 | 28.94 | 15.89 | 37.8 lbs    |

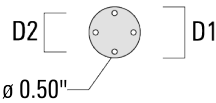


|                             |          |       |       |     |               |       |       |          |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|----------|
| PMB200-2 Pole mount bracket | 147-6018 | 39.67 | 20.09 | 6.0 | 3 x 3 + 4 x 3 | 28.94 | 15.89 | 57.0 lbs |
|-----------------------------|----------|-------|-------|-----|---------------|-------|-------|----------|



Surface Mount Canopy SMC

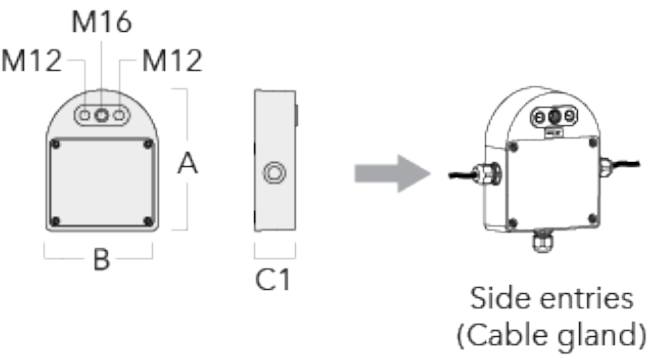
| Description | Part ID  | D1    | D2   | Weight (lb) |
|-------------|----------|-------|------|-------------|
| SMC-200     | 147-6915 | 10.83 | 9.25 | 15.4 lbs    |



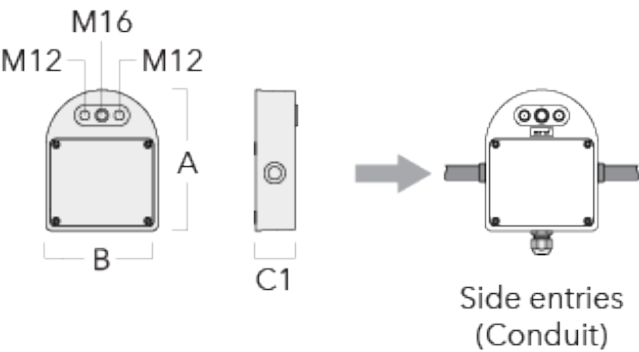


Junction box

| Description                            | Part ID  | Additional information   | A    | B    | C1   | Weight (lb) |
|--|----------|--|------|------|------|-------------|
| Junction box JB20 - Cable side entries | 310-9013 | Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands. | 7.09 | 5.63 | 2.01 | 2.25        |

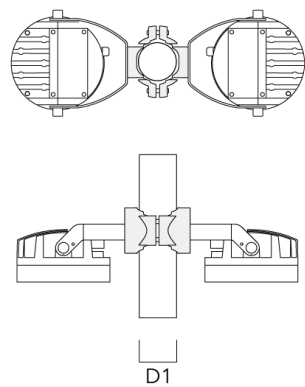


|  |          |  |      |      |      |      |
|--|----------|--|------|------|------|------|
| Junction box JB20 - Conduit side entries | 310-9014 | Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits. | 7.09 | 5.63 | 2.01 | 2.25 |
|--|----------|--|------|------|------|------|

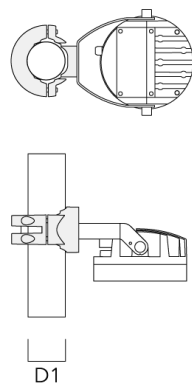


Pole clamp PC

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



FLC240 LED

| 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        |

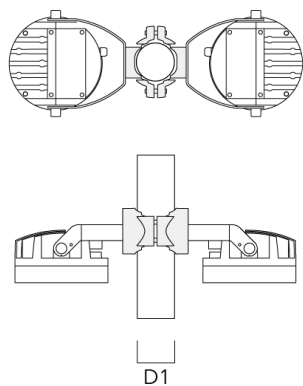


|  |          |          |      |
|--|----------|----------|------|
| PC1 102-114/60 Pole clamp, single<br>(Ø 4"-4,5") | 139-2706 | 4.0-4.50 | 2.65 |
|--|----------|----------|------|

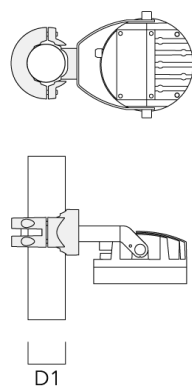


FLC240 LED

| 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        |

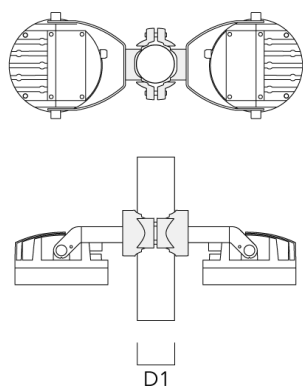


|   |          |          |      |
|---|----------|----------|------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 4.5"-5.25") | 139-2708 | 4.5-5.25 | 3.10 |
|---|----------|----------|------|

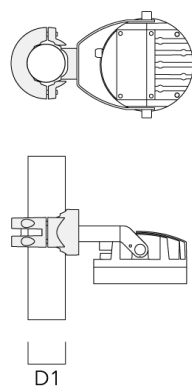


FLC240 LED

| 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        |



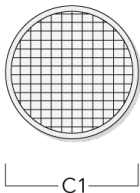
|  |          |           |      |
|--|----------|-----------|------|
| PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3") | 139-2704 | 3.20-4.30 | 2.40 |
|--|----------|-----------|------|



Optical Accessories

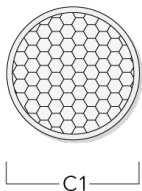
Softening Lens

| Description       | Part ID  | C1    |
|-------------------|----------|-------|
| IO-360-FLC240-LED | 139-1856 | 11.40 |



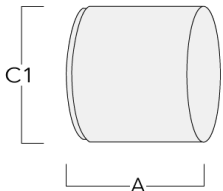
Honeycomb louvre

| Description         | Part ID  | C1    |
|---------------------|----------|-------|
| Honeycomb Louvre IW | 139-1857 | 11.00 |



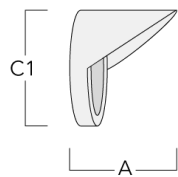
Snoot

| Description   | Part ID  | A    | C1    |
|---------------|----------|------|-------|
| ET-FLC240-LED | 139-1859 | 7.87 | 11.50 |



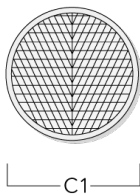
Glare shield

| Description   | Part ID  | A    | C1    |
|---------------|----------|------|-------|
| ES-FLC240-LED | 139-1858 | 7.87 | 13.62 |



Wallwash lens

| Description      | Part ID  | Additional information                       | C1    |
|------------------|----------|--|-------|
| IO-20-FLC240-LED | 139-1854 | for symmetric [M] medium beam luminaire only | 11.40 |





Linear spread lens

| Description               | Part ID  | C1    |
|---------------------------|----------|-------|
| Linear spread lens IO-180 | 139-1855 | 11.40 |

