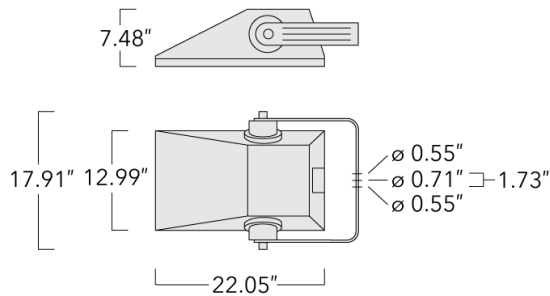


# FLA740 LED

## Street and Area Lighting



### Description

IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Protractor scale for accurate aiming from 0° to 15° above horizontal.

Recommended mounting height 10-30 ft, depending on lamp type selected.

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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**Street and Area Lighting****Specifications****Material description**

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|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Colors               |  RAL9004 Black<br> RAL9007 Grey Metallic<br> RAL9016 White<br> RAL8019 Dark Bronze |
| Gasket               | Silicone rubber gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK08   |
| Corrosion resistance | 5CE  |
| Windage              | 1.0  |

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**Electrical description**

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|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 120-277V / 50-60 Hz              |
| Driver / Ballast | Integral EC electronic converter |
| Surge protection | Integral 10kV Surge Protector    |

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**Additional information**

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|            |   |
|------------|---|
| Lifetime   | Ta=25°/40° L90B10 > 90000h  |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare. |
| Listings   | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.                            |

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# FLA740 LED

## Street and Area Lighting



### Options

#### Light distribution



[S65] Type III Medium



[R65] Type IV Medium



[A60] Type IV Very Short

#### Color temperature



3000 K



4000 K



4000K

#### Nominal Watt

0 W

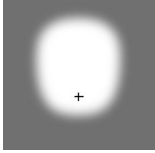
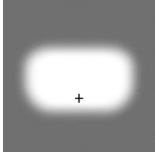
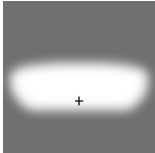
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**Configurations**

| Light distribution   | Part ID  | Light source                  | Rated lumens | Rated input power | CRI | Weight (lb) |
|--|----------|-------------------------------|--------------|-------------------|-----|-------------|
| [A60] Type IV Very Short<br> | 147-0683 | LED-24/72W / 1050 mA - 3000 K | 7709.6       | 81 W              | 80  | 21.16       |
|  | 147-0684 | LED-24/72W / 1050 mA - 4000 K | 8068.2       | 81 W              | 80  | 16.31       |
|  | 147-0701 | LED-18/54W / 1050 mA - 3000 K | 5782.2       | 59 W              | 80  | 21.16       |
|  | 147-0702 | LED-18/54W / 1050 mA - 4000 K | 6051.1       | 59 W              | 80  | 21.16       |
|  | 147-0713 | LED-18/36W / 700 mA - 3000 K  | 3899.6       | 41 W              | 80  | 21.16       |
|  | 147-0714 | LED-18/36W / 700 mA - 4000 K  | 4168.6       | 41 W              | 80  | 21.16       |
|  | 147-0725 | LED-24/48W / 700 mA - 3000 K  | 5199.5       | 54 W              | 80  | 21.16       |
|  | 147-0726 | LED-24/48W / 700 mA - 4000 K  | 5558.1       | 54 W              | 80  | 21.16       |
| [R65] Type IV Medium<br>     | 147-0681 | LED-24/72W / 1050 mA - 3000 K | 7534         | 81 W              | 80  | 16.31       |
|  | 147-0682 | LED-24/72W / 1050 mA - 4000 K | 7884.5       | 81 W              | 80  | 16.31       |
|  | 147-0699 | LED-18/54W / 1050 mA - 3000 K | 5650.5       | 59 W              | 80  | 16.31       |
|  | 147-0700 | LED-18/54W / 1050 mA - 4000 K | 5913.3       | 59 W              | 80  | 16.31       |
|  | 147-0711 | LED-18/36W / 700 mA - 3000 K  | 3810.8       | 41 W              | 80  | 16.31       |
|  | 147-0712 | LED-18/36W / 700 mA - 4000 K  | 4073.6       | 41 W              | 80  | 16.31       |
|  | 147-0723 | LED-24/48W / 700 mA - 3000 K  | 5081.1       | 54 W              | 80  | 16.31       |
|  | 147-0724 | LED-24/48W / 700 mA - 4000 K  | 5431.5       | 54 W              | 80  | 16.31       |
| [S65] Type III Medium<br>  | 147-0679 | LED-24/72W / 1050 mA - 3000 K | 8269.6       | 81 W              | 80  | 21.16       |
|  | 147-0680 | LED-24/72W / 1050 mA - 4000 K | 8654.2       | 81 W              | 80  | 21.16       |
|  | 147-0697 | LED-18/54W / 1050 mA - 3000 K | 6202.2       | 59 W              | 80  | 21.16       |
|  | 147-0698 | LED-18/54W / 1050 mA - 4000 K | 6490.7       | 59 W              | 80  | 21.16       |
|  | 147-0709 | LED-18/36W / 700 mA - 3000 K  | 4182.9       | 41 W              | 80  | 21.16       |
|  | 147-0710 | LED-18/36W / 700 mA - 4000 K  | 4471.4       | 41 W              | 80  | 21.16       |
|  | 147-0721 | LED-24/48W / 700 mA - 3000 K  | 5577.2       | 54 W              | 80  | 21.16       |
|  | 147-0722 | LED-24/48W / 700 mA - 4000 K  | 5961.8       | 54 W              | 80  | 21.16       |

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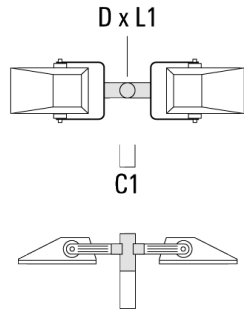
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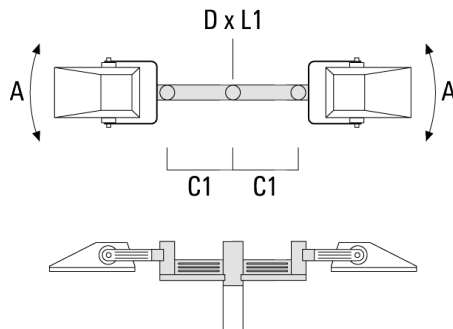
**Mounting Accessories**

**Floodlight mounting bracket TA**

| Description                            | Part ID  | A | C1   | D x L1 | L    | Weight (lb) | D x S    |
|--|----------|---|------|--------|------|-------------|----------|
| TA2 Mounting bracket, double (Ø 3 x 8) | 147-0024 |   | 5.12 | 3 x 8  | 2.99 | 4.2 lbs     | 76 x 200 |



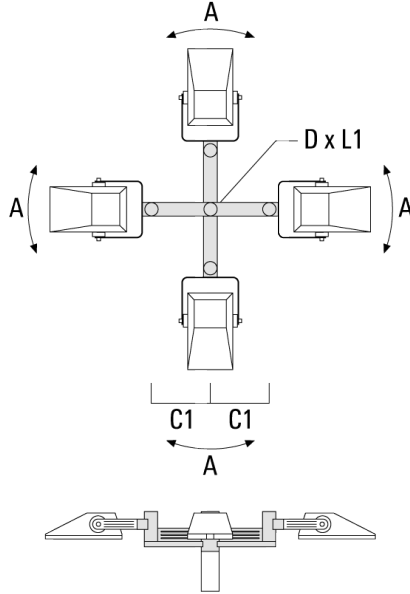
|  |          |      |       |       |      |       |          |
|--|----------|------|-------|-------|------|-------|----------|
| TA2-L Mounting bracket, double (Ø 3 x 8) | 147-0105 | ±90° | 16.54 | 3 x 8 | 2.99 | 35.49 | 76 x 200 |
|--|----------|------|-------|-------|------|-------|----------|



# FLA740 LED

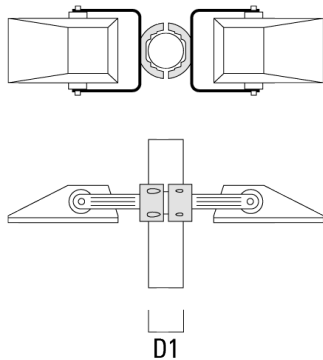
## Street and Area Lighting

| Description                              | Part ID  | A   | C1    | D x L1  | L   | Weight (lb) | D x S  |
|--|----------|-----|-------|---------|-----|-------------|--------|
| TA4-L Mounting bracket, quad (Ø 3.5 x 8) | 147-0465 | ±9° | 27.17 | 3.5 x 8 | 3.5 | 49.82       | 89x200 |



## Pole clamp TS

| Description                            | Part ID  | D1     | Weight (lb) | D     |
|--|----------|--------|-------------|-------|
| TS2-740 Pole clamp, double (Ø 3"-3.5") | 147-6902 | 3-3.5" | 3.09 lbs    | 76-89 |



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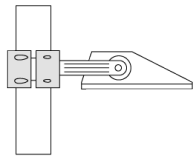
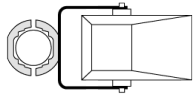
# FLA740 LED

## Street and Area Lighting

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| Description                            | Part ID  | D1     | Weight (lb) | D     |
|--|----------|--------|-------------|-------|
| TS1-740 Pole clamp, single (Ø 3"-3.5") | 147-0137 | 3-3.5" | 3.09 lbs    | 76-89 |

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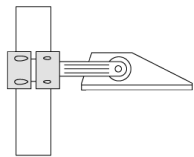
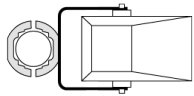


D1

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|   |          |           |          |         |
|---|----------|-----------|----------|---------|
| TS1-740 Pole clamp, single (Ø 4.5"-5.25") | 147-6909 | 4.5-5.25" | 3.53 lbs | 114-133 |
|---|----------|-----------|----------|---------|

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D1

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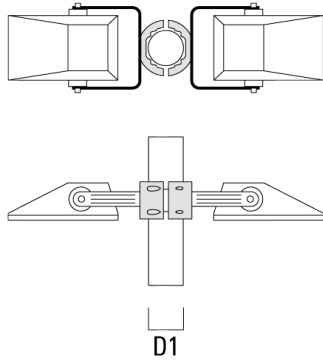
# FLA740 LED

## Street and Area Lighting

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| Description                              | Part ID  | D1     | Weight (lb) | D       |
|--|----------|--------|-------------|---------|
| TS2-740 Pole clamp, double (Ø 4.0"-4.5") | 147-6906 | 4-4.5" | 3.53 lbs    | 102-114 |

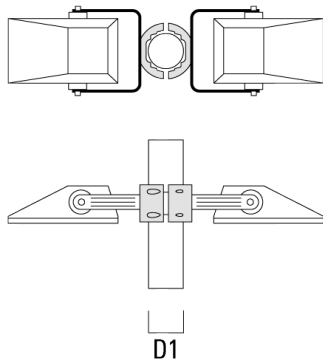
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|   |          |           |          |         |
|---|----------|-----------|----------|---------|
| TS2-740 Pole clamp, double (Ø 4.5"-5.25") | 147-6910 | 4.5-5.25" | 3.53 lbs | 114-133 |
|---|----------|-----------|----------|---------|

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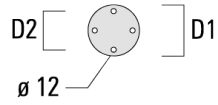
## Street and Area Lighting

### Surface Mount Canopy SMC

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| Description | Part ID  | D1   | D2   | M1   | Weight (lb) |
|-------------|----------|------|------|------|-------------|
| SMC-740     | 147-6914 | 9.06 | 7.68 | 0.47 | 6.0 lbs     |

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**Optical Accessories****Light shield**

| Description | Part ID  | Additional information  |
|-------------|----------|---|
| LS180-[A60] | 430-0038 | Light shield LS180 to greatly reduce or eliminate light pollution.<br>PA injection moulded component, black matt.<br>Suitable for asymmetric light distribution [A60].                          |
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit.<br>Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering. |