

FLA740 LED



Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board.

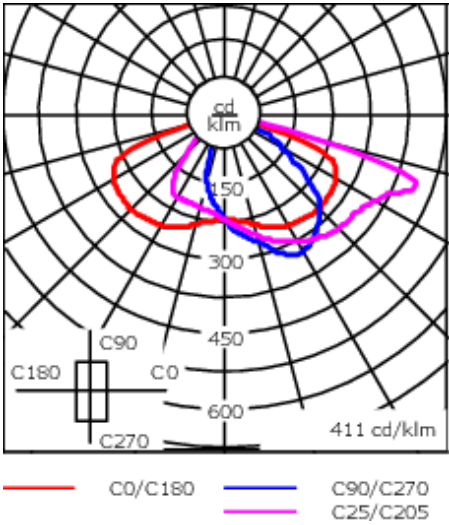
Optional 2200 K version available. To be specified at time of ordering.

|                    |                                   |
|--------------------|-----------------------------------|
| Weight             | 9.60 kg                           |
| Light distribution | asymmetric, side throw beam [S65] |
| Light source       | LED-24/72W / 1050 mA - 3000 K     |
| CRI                | 70                                |
| Power supply       | EC                                |
| LEDs               | 24                                |
| Rated input power  | 79 W                              |

|                    |       |
|--------------------|-------|
| Nominal Lumen (lm) |       |
| LED Lumen          | 490   |
| Total Lumen        | 11760 |
| Tj                 | 85    |

|                   |        |
|-------------------|--------|
| Rated lumens (lm) |        |
| LED Lumen         | 392.6  |
| Total Lumen       | 9423.5 |
| Ta                | 25     |

FLA740 LED



Specifications

Material description

|                      |                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                                                               |
| Lens                 | Safety glass lens, hinged                                                                                                                                                                                                            |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone rubber gasket                                                                                                                                                                                                               |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                                                                 |
| Impact resistance    | IK08                                                                                                                                                                                                                                 |
| Corrosion resistance | 5CE                                                                                                                                                                                                                                  |
| Windage              | 0.09 m <sup>2</sup>                                                                                                                                                                                                                  |

Electrical description

|                  |                                        |
|------------------|----------------------------------------|
| Power supply     | 220-240V / 50-60 Hz                    |
| Driver / Ballast | Integral EC electronic converter. DALI |
| Surge protection | 6/6 kV (optional SP10)                 |

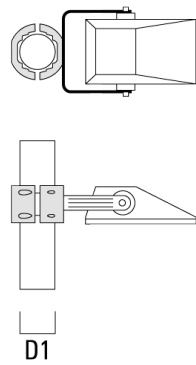
Additional information

|                         |                        |
|-------------------------|------------------------|
| Lifetime                | Ta=25° L90B10 > 90000h |
| Energy efficiency class | C-D (Light source)     |

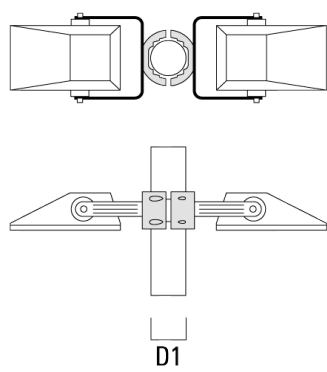
Mounting Accessories

Pole clamp TS

| Description                            | Part ID  | D1    | Weight (kg) | D     |
|----------------------------------------|----------|-------|-------------|-------|
| TS1-2/M12 Pole clamp, single (Ø 76-89) | 147-0543 | 76-89 | 1.40        | 76-89 |

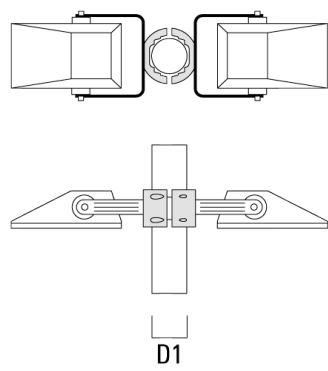


|                                        |          |       |      |       |
|----------------------------------------|----------|-------|------|-------|
| TS2-2/M12 Pole clamp, double (Ø 76-89) | 147-0545 | 76-89 | 1.40 | 76-89 |
|----------------------------------------|----------|-------|------|-------|

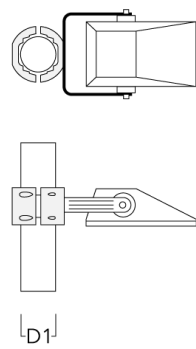


FLA740 LED

| Description                              | Part ID  | D1      | Weight (kg) | D       |
|------------------------------------------|----------|---------|-------------|---------|
| TS2-2/M12 Pole clamp, double (Ø 114-133) | 147-0546 | 114-133 | 1.60        | 114-133 |



|                                          |          |         |      |         |
|------------------------------------------|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 102-114) | 147-0526 | 102-114 | 1.50 | 102-114 |
|------------------------------------------|----------|---------|------|---------|



FLA740 LED

| Description                              | Part ID  | D1      | Weight (kg) | D       |
|------------------------------------------|----------|---------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 114-133) | 147-0544 | 114-133 | 1.70        | 114-133 |

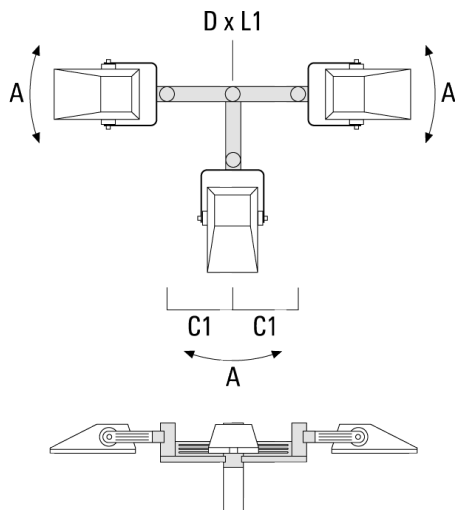


|                                          |          |         |      |         |
|------------------------------------------|----------|---------|------|---------|
| TS2-2/M12 Pole clamp, double (Ø 102-114) | 147-0527 | 102-114 | 1.50 | 102-114 |
|------------------------------------------|----------|---------|------|---------|

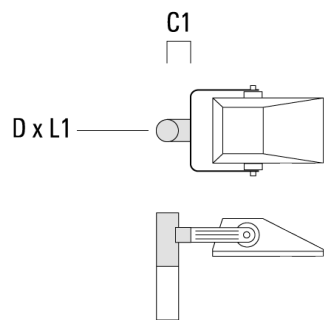


Floodlight mounting bracket TA

| Description                                 | Part ID  | A   | C1  | D × L1   | Weight (kg) | D × S    |
|---------------------------------------------|----------|-----|-----|----------|-------------|----------|
| TA3-L Mounting bracket, triple (Ø 89 x 200) | 147-0557 | ±9° | 690 | 89 x 200 | 20.80       | 89 x 200 |

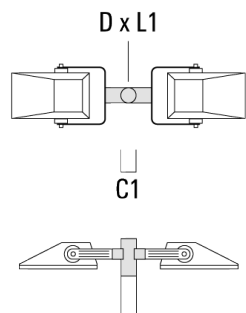


|                                            |          |  |     |          |      |          |
|--------------------------------------------|----------|--|-----|----------|------|----------|
| TA1 Mounting bracket, single* (Ø 76 x 200) | 147-0023 |  | 130 | 76 x 200 | 1.90 | 76 x 200 |
|--------------------------------------------|----------|--|-----|----------|------|----------|

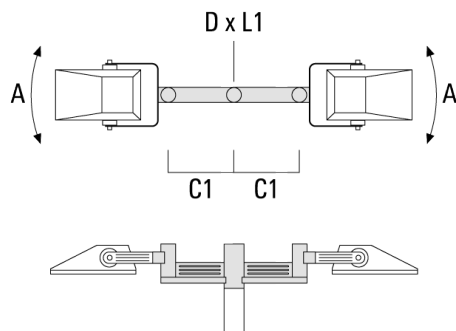


FLA740 LED

| Description                                | Part ID  | A | C1  | D × L1   | Weight (kg) | D × S    |
|--------------------------------------------|----------|---|-----|----------|-------------|----------|
| TA2 Mounting bracket, double* (Ø 76 x 200) | 147-0024 |   | 130 | 76 x 200 | 1.90        | 76 x 200 |



|                                             |          |      |     |          |       |          |
|---------------------------------------------|----------|------|-----|----------|-------|----------|
| TA2-L Mounting bracket, double (Ø 76 x 200) | 147-0105 | ±90° | 420 | 76 x 200 | 16.10 | 76 x 200 |
|---------------------------------------------|----------|------|-----|----------|-------|----------|



FLA740 LED

| Description                               | Part ID  | A   | C1  | D × L1   | Weight (kg) | D × S  |
|-------------------------------------------|----------|-----|-----|----------|-------------|--------|
| TA4-L Mounting bracket, quad (Ø 89 x 200) | 147-0465 | ±9° | 690 | 89 x 200 | 22.60       | 89x200 |



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. |