

FLA730 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.

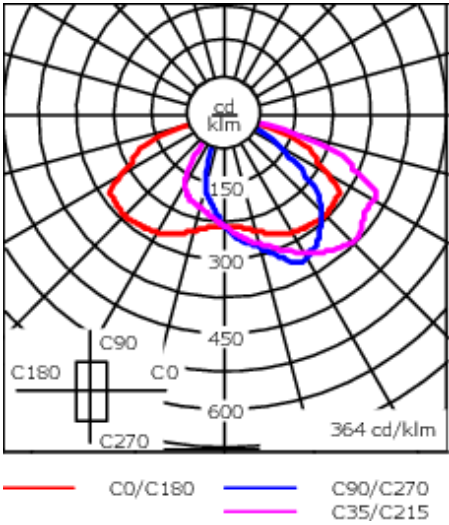
Optional 2200 K version available. To be specified at time of ordering

|                    |                                   |
|--------------------|-----------------------------------|
| Weight             | 7.40 kg                           |
| Light distribution | asymmetric, side throw beam [S65] |
| Light source       | LED-18/54W / 1050 mA - 4000 K     |
| CRI                | 70                                |
| Power supply       | EC                                |
| LEDs               | 18                                |
| Rated input power  | 59 W                              |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 510  |
| Total Lumen        | 9180 |
| Tj                 | 85   |

|                   |        |
|-------------------|--------|
| Rated lumens (lm) |        |
| LED Lumen         | 407.5  |
| Total Lumen       | 7334.3 |
| Ta                | 25     |

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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              | 0.045 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)                 |

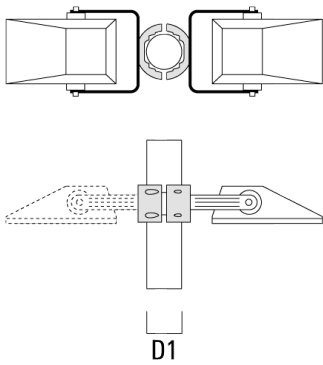
Additional information

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

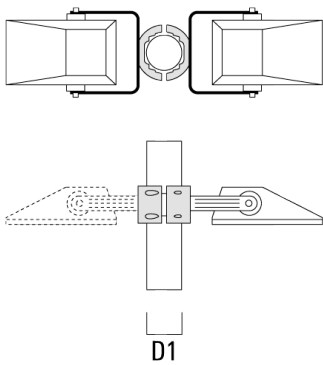
Mounting Accessories

Pole clamp TS

| Description                            | Part ID  | D1    | Weight (kg) | D     |
|----------------------------------------|----------|-------|-------------|-------|
| TS1-2/M10 Pole clamp, single (Ø 76-89) | 147-0371 | 76-89 | 1.40        | 76-89 |

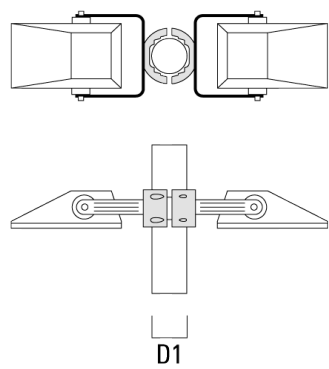


|                                          |          |         |      |         |
|------------------------------------------|----------|---------|------|---------|
| TS1-2/M10 Pole clamp, single (Ø 102-114) | 147-0372 | 102-114 | 1.60 | 102-114 |
|------------------------------------------|----------|---------|------|---------|

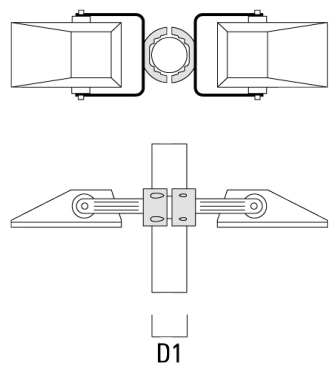


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| Description                            | Part ID  | D1    | Weight (kg) | D     |
|----------------------------------------|----------|-------|-------------|-------|
| TS2-2/M10 Pole clamp, double (Ø 76-89) | 147-0373 | 76-89 | 1.50        | 76-89 |



|                                          |          |         |      |         |
|------------------------------------------|----------|---------|------|---------|
| TS2-2/M10 Pole clamp, double (Ø 102-114) | 147-0374 | 102-114 | 1.60 | 102-114 |
|------------------------------------------|----------|---------|------|---------|

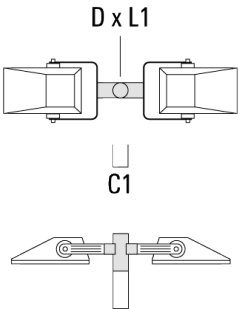


Floodlight mounting bracket TA

| Description                               | Part ID  | A | C1  | D × L1   | Weight (kg) | D × S    |
|-------------------------------------------|----------|---|-----|----------|-------------|----------|
| TA1 Mounting bracket, single (Ø 76 x 200) | 147-0397 |   | 130 | 76 x 200 | 1.7         | 76 x 200 |

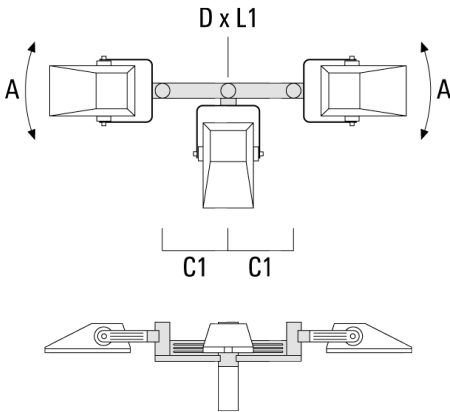


|                                           |          |  |     |          |     |          |
|-------------------------------------------|----------|--|-----|----------|-----|----------|
| TA2 Mounting bracket, double (Ø 76 x 200) | 147-0398 |  | 130 | 76 x 200 | 1.8 | 76 x 200 |
|-------------------------------------------|----------|--|-----|----------|-----|----------|



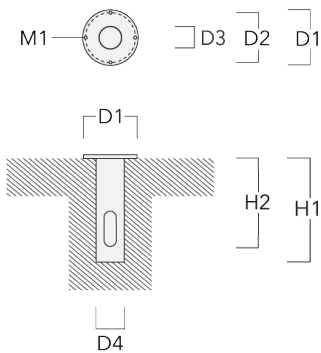
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| Description                               | Part ID  | A    | C1  | D × L1   | Weight (kg) | D × S    |
|-------------------------------------------|----------|------|-----|----------|-------------|----------|
| TA3 Mounting bracket, triple (Ø 76 x 200) | 147-0404 | ±90° | 420 | 76 x 200 | 17.90       | 76 x 200 |



Planted root

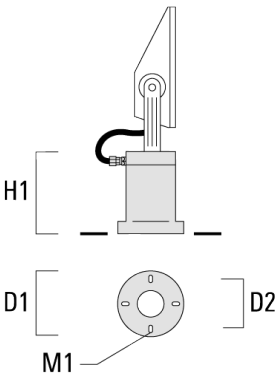
| Description       | Part ID  | D1  | D2  | D3  | D4  | H1  | H2  | M1 | Weight (kg) |
|-------------------|----------|-----|-----|-----|-----|-----|-----|----|-------------|
| Planted root ESV4 | 300-0461 | 145 | 130 | 102 | 108 | 400 | 350 | 8  | 7.05        |



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Short post EM

| Description | Part ID  | D1  | D2  | H1  | M1 | Weight (kg) |
|-------------|----------|-----|-----|-----|----|-------------|
| EM1-M16     | 270-9038 | 160 | 130 | 200 | 9  | 2           |



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. |