

FLA460 LED Stirrup version



Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

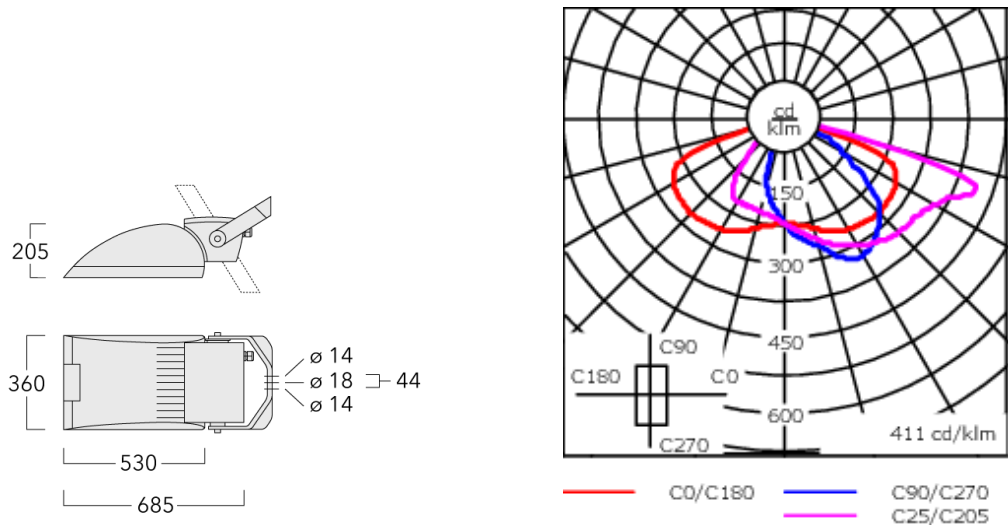
Integral EC electronic converter, including 6/6 kV surge protection. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Protractor scale incorporating locking pin for accurate and permanent aiming.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

|                    |                                |
|--------------------|--------------------------------|
| Weight             | 17.00 kg                       |
| Light distribution | asymmetric, side throw [S65]   |
| Light source       | LED-36/108W / 1050 mA - 4000 K |
| CRI                | 80                             |
| Power supply       | EC                             |
| BUG                | B3 U0 G2                       |
| LEDs               | 36                             |
| Rated input power  | 115 W                          |
| Nominal Lumen (lm) |                                |
| LED Lumen          | 450                            |
| Total Lumen        | 16200                          |
| Tj                 | 85                             |
| Rated lumens (lm)  |                                |
| LED Lumen          | 360.6                          |
| Total Lumen        | 12981.4                        |
| Ta                 | 25                             |

FLA460 LED Stirrup version



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> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                                                                           |
| Fasteners            | PCS hardware                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                  |
| Impact resistance    | IK08                                                                                                                                                                                  |
| Corrosion resistance | 5CE                                                                                                                                                                                   |
| Windage              | 0.210 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Power supply     | 220-240V / 50-60 Hz                                                 |
| Driver / Ballast | Integral EC electronic converter, including 6/6 kV surge protection |

Additional information

|            |                                                                                      |
|------------|--------------------------------------------------------------------------------------|
| Lifetime   | Ta=25° L90B10 > 90000h                                                               |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare |

Mounting Accessories

Floodlight mounting bracket TA

| Description                    | Part ID  | D × L1   | Weight (kg) | D        |
|--------------------------------|----------|----------|-------------|----------|
| Mounting Fitter TA1-76, Single | 310-9124 | 76 x 100 | 2.10        | 76 x 100 |



|                                |          |          |      |          |
|--------------------------------|----------|----------|------|----------|
| Mounting Fitter TA2-76, double | 310-9125 | 76 x 100 | 2.20 | 76 x 100 |
|--------------------------------|----------|----------|------|----------|



Floodlight mounting bracket KA

| Description                 | Part ID  | D1       | Weight (kg) | D        |
|-----------------------------|----------|----------|-------------|----------|
| Pole bracket KA1-76, single | 310-9126 | 76 x 100 | 3.40        | 76 x 100 |



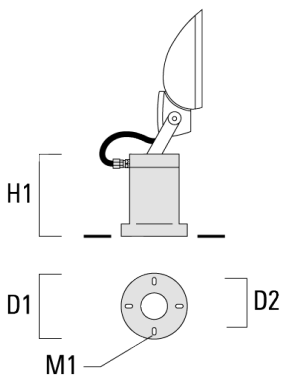
|                             |          |          |      |          |
|-----------------------------|----------|----------|------|----------|
| Pole bracket KA2-76, double | 310-9127 | 76 x 100 | 3.40 | 76 x 100 |
|-----------------------------|----------|----------|------|----------|



FLA460 LED Stirrup version

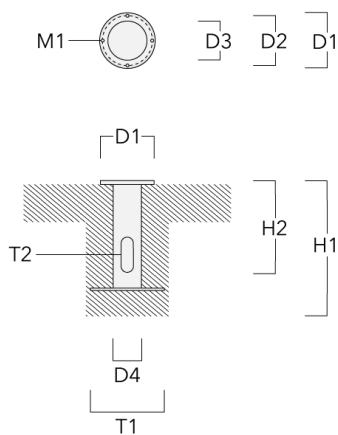
Short post

| Description        | Part ID  | D1  | D2  | H1  | M1 | Weight (kg) |
|--------------------|----------|-----|-----|-----|----|-------------|
| Short post EM1-M16 | 270-9038 | 160 | 130 | 200 | 9  | 2.10        |



Planted root

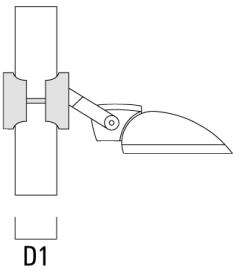
| Description       | Part ID     | D1  | D2  | D3 | D4 | H1  | H2  | M1 | T1  | T2       | Weight (kg) |
|-------------------|-------------|-----|-----|----|----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0461-AP | 150 | 130 | 60 | 89 | 400 | 350 | 8  | 200 | 50 x 100 | 3.85        |



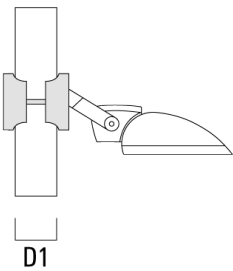
FLA460 LED Stirrup version

Pole clamp

| Description                          | Part ID  | Additional information | D1    | Weight (kg) | D     |
|--------------------------------------|----------|------------------------|-------|-------------|-------|
| Pole clamp SP1-M16, single (Ø 38-60) | 146-0241 |                        | 38-60 | 1.30        | 38-60 |

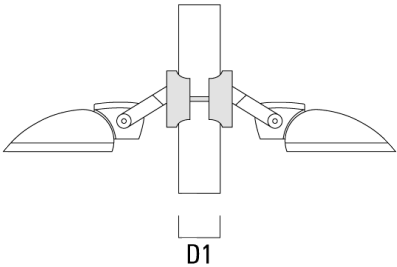


|                                      |          |  |       |      |       |
|--------------------------------------|----------|--|-------|------|-------|
| Pole clamp SP1-M16, single (Ø 76-89) | 146-0242 |  | 76-89 | 1.30 | 76-89 |
|--------------------------------------|----------|--|-------|------|-------|

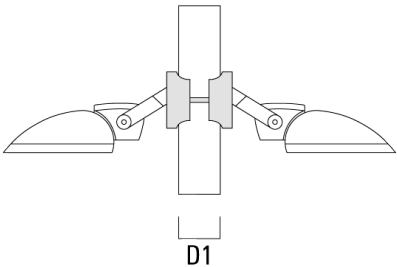


FLA460 LED Stirrup version

| Description                          | Part ID  | Additional information | D1    | Weight (kg) | D     |
|--------------------------------------|----------|------------------------|-------|-------------|-------|
| Pole clamp SP2-M16, double (Ø 38-60) | 146-0243 |                        | 38-60 | 1.60        | 38-60 |

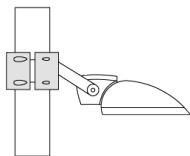
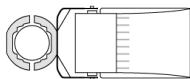


|                                      |          |  |       |      |       |
|--------------------------------------|----------|--|-------|------|-------|
| Pole clamp SP2-M16, double (Ø 76-89) | 146-0244 |  | 76-89 | 1.50 | 76-89 |
|--------------------------------------|----------|--|-------|------|-------|



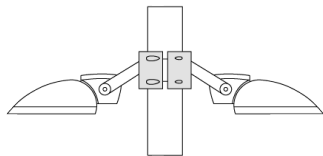
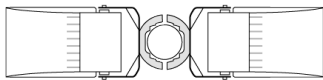
FLA460 LED Stirrup version

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



D1

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



D1

FLA460 LED Stirrup version

| Description                              | Part ID  | Additional information                                                                                                                                                    | D1      | Weight (kg) | D |
|------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|---|
| Pole clamp TS2-2/M12, double (Ø 114-140) | 147-0674 | Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 22.5 kg. | 114-140 | 1.70        |   |



|                                          |          |  |         |      |  |
|------------------------------------------|----------|--|---------|------|--|
| Pole clamp TS1-2/M12, single (Ø 114-140) | 147-0643 |  | 114-140 | 1.70 |  |
|------------------------------------------|----------|--|---------|------|--|



FLA460 LED Stirrup version

Junction box

| Description      | Part ID  | D1  | D2 | M1 | Weight (kg) |
|------------------|----------|-----|----|----|-------------|
| Junction box JB1 | 310-9001 | 135 | 67 | 9  | 1.30        |

