



### Description

Profile Projector [GP] for projection of gobos on a surface. Spherical and aspherical, double flat convex lens system. Gobo motif on request, to be ordered separately.

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass main lens. One cable gland. Second gland for through wiring on request. PMMA LED lens array. Factory installed LED circuit board. LED board can be removed for upgrading. Integral EC electronic converter, thermally separated.

Gobo outside diameter 66 mm, max. printable area  $d = 48$  mm. WE-EF recommendation =  $d 38$  mm.

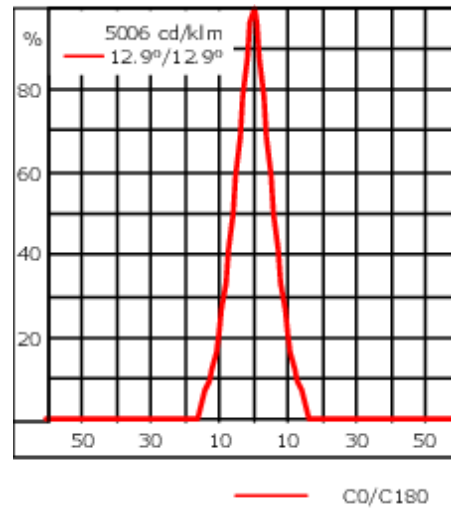
|                    |                                                    |
|--------------------|----------------------------------------------------|
| Weight             | 8.20 kg                                            |
| Light distribution | symmetric Gobo-Projector [GP] - max aperture angle |
| Light source       | LED-FT-37W / 1050 mA - 3000 K                      |
| CRI                | 80                                                 |
| Power supply       | EC                                                 |
| LEDs               | 1                                                  |
| Rated input power  | 42 W                                               |

### Rated lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 1383.2 |
| Total Lumen | 1383.2 |
| Ta          | 25     |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 4700 |
| Total Lumen | 4700 |
| Tc          | 25   |



## Specifications

### Material description

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lens                 | Safety glass lens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Colours              | <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Impact resistance    | IK07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Corrosion resistance | 5CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Windage              | 0.06 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### Electrical description

|                  |                                                                                 |
|------------------|---------------------------------------------------------------------------------|
| Power supply     | 220-240V / 50-60 Hz                                                             |
| Driver / Ballast | Standard. Optional DALI version available. To be specified at time of ordering. |
| Power factor     | > 0.9                                                                           |
| Surge protection | 6/6 kV (optional SP10)                                                          |

**139-2116\_max**

**FLC220 LED [GP]**

**we-ef**

**Additional information**

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Lifetime Ta=25° L70B50 > 50000h

Energy efficiency class F (Light source)

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**Mounting Accessories**

**Short post EM**

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



**Floodlight mounting bracket TA**

| Description                                | Part ID  | A | C1  | D x L1    | Weight (kg) | D x S     |
|--------------------------------------------|----------|---|-----|-----------|-------------|-----------|
| TA1 Mounting bracket, single (Ø 108 x 200) | 147-0096 |   | 130 | 108 x 200 | 7.50        | 108 x 200 |

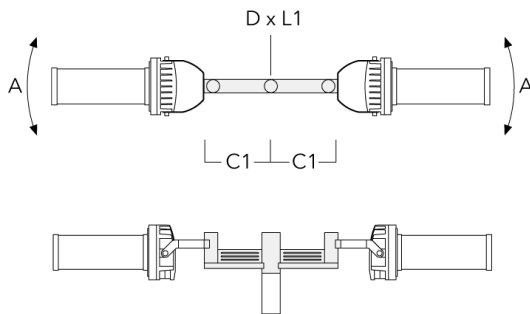


**FLC220 LED [GP]**

| Description                                | Part ID  | A | C1  | D × L1    | Weight (kg) | D × S     |
|--------------------------------------------|----------|---|-----|-----------|-------------|-----------|
| TA2 Mounting bracket, double (Ø 108 x 200) | 147-0097 |   | 130 | 108 x 200 | 7.50        | 108 x 200 |



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

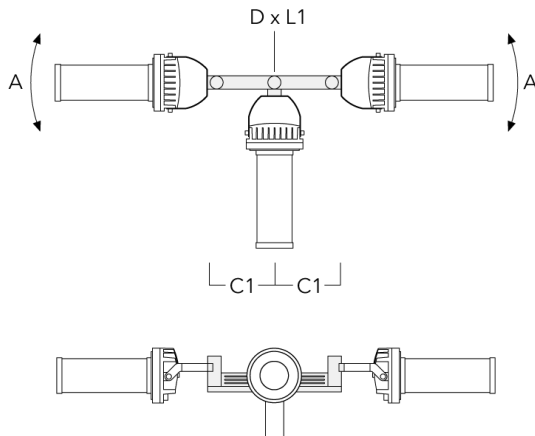


**FLC220 LED [GP]**

| Description                               | Part ID  | A    | C1  | D x L1   | Weight (kg) | D x S    |
|-------------------------------------------|----------|------|-----|----------|-------------|----------|
| TA3 Mounting bracket, triple (Ø 89 x 200) | 147-0025 | ±90° | 650 | 89 x 200 | 17.90       | 89 x 200 |



|                                            |          |      |     |           |       |           |
|--------------------------------------------|----------|------|-----|-----------|-------|-----------|
| TA3 Mounting bracket, triple (Ø 108 x 200) | 147-0098 | ±90° | 650 | 108 x 200 | 24.20 | 108 x 200 |
|--------------------------------------------|----------|------|-----|-----------|-------|-----------|

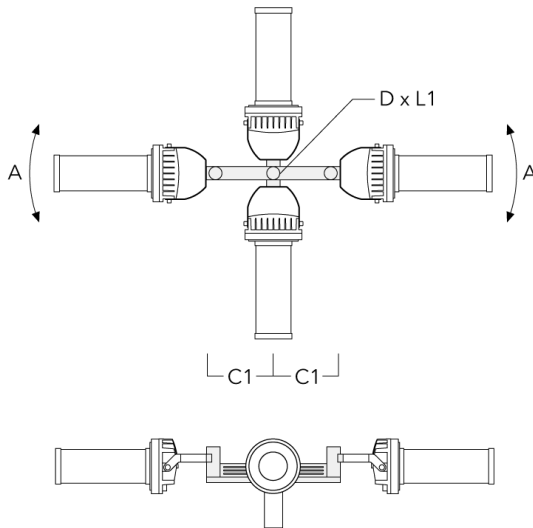


**FLC220 LED [GP]**

| Description                             | Part ID  | A    | C1  | D x L1   | Weight (kg) | D x S    |
|-----------------------------------------|----------|------|-----|----------|-------------|----------|
| TA4 Mounting bracket, quad (Ø 89 x 200) | 147-0099 | ±90° | 650 | 89 x 200 | 20.80       | 89 x 200 |

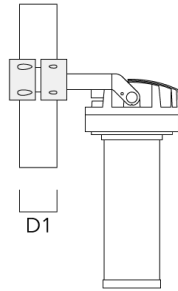
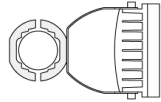


|                                          |          |      |     |           |       |           |
|------------------------------------------|----------|------|-----|-----------|-------|-----------|
| TA4 Mounting bracket, quad (Ø 108 x 200) | 147-0100 | ±90° | 650 | 108 x 200 | 24.20 | 108 x 200 |
|------------------------------------------|----------|------|-----|-----------|-------|-----------|

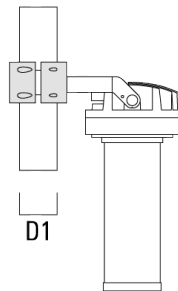
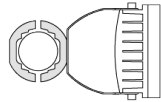


## Pole clamp TS

| Description                              | Part ID  | D1      | Weight (kg) | D       |
|------------------------------------------|----------|---------|-------------|---------|
| TS1-2/M12 Pole clamp, single (Ø 102-114) | 147-0526 | 102-114 | 1.50        | 102-114 |



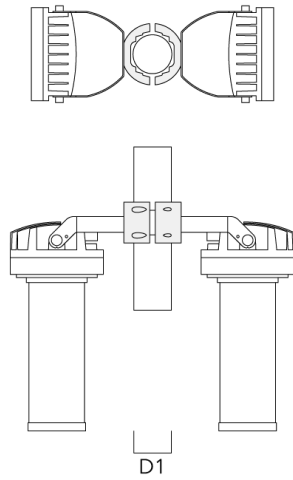
|                                          |          |         |      |         |
|------------------------------------------|----------|---------|------|---------|
| TS1-2/M12 Pole clamp, single (Ø 114-133) | 147-0544 | 114-133 | 1.70 | 114-133 |
|------------------------------------------|----------|---------|------|---------|



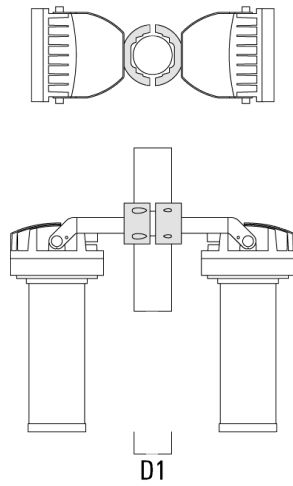


**FLC220 LED [GP]**

| Description                              | Part ID  | D1      | Weight (kg) | D       |
|------------------------------------------|----------|---------|-------------|---------|
| TS2-2/M12 Pole clamp, double (Ø 102-114) | 147-0527 | 102-114 | 1.50        | 102-114 |

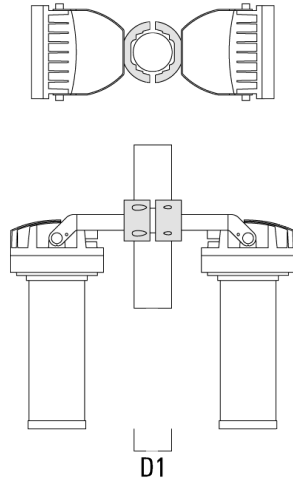


|                                        |          |       |      |       |
|----------------------------------------|----------|-------|------|-------|
| TS2-2/M12 Pole clamp, double (Ø 76-89) | 147-0545 | 76-89 | 1.40 | 76-89 |
|----------------------------------------|----------|-------|------|-------|

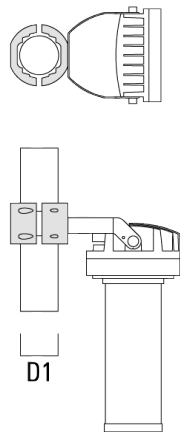


## FLC220 LED [GP]

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



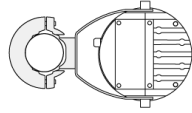
|                                        |          |       |      |       |
|----------------------------------------|----------|-------|------|-------|
| TS1-2/M12 Pole clamp, single (Ø 76-89) | 147-0543 | 76-89 | 1.40 | 76-89 |
|----------------------------------------|----------|-------|------|-------|



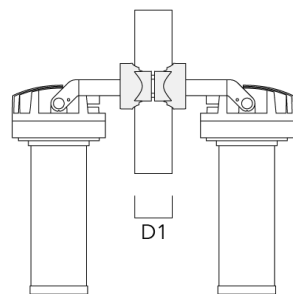
## FLC220 LED [GP]

## Pole clamp PC

| Description                               | Part ID  | D1    | Weight (kg) |
|-------------------------------------------|----------|-------|-------------|
| PC1 76-89/60 Pole clamp, single (Ø 76-89) | 139-2702 | 76-89 | 1.00        |



|                                           |          |       |      |
|-------------------------------------------|----------|-------|------|
| PC2 76-89/60 Pole clamp, double (Ø 76-89) | 139-2703 | 76-89 | 1.00 |
|-------------------------------------------|----------|-------|------|



## FLC220 LED [GP]

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| Description                                 | Part ID  | D1     | Weight (kg) |
|---------------------------------------------|----------|--------|-------------|
| PC1 82-109/60 Pole clamp, single (Ø 82-109) | 139-2704 | 82-109 | 1.10        |

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|                                             |          |        |      |
|---------------------------------------------|----------|--------|------|
| PC2 82-109/60 Pole clamp, double (Ø 82-109) | 139-2705 | 82-109 | 1.10 |
|---------------------------------------------|----------|--------|------|

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## FLC220 LED [GP]

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| Description                                      | Part ID  | D1      | Weight (kg) |
|--------------------------------------------------|----------|---------|-------------|
| PC1 102-114/60 Pole clamp, single<br>(Ø 102-114) | 139-2706 | 102-114 | 1.20        |

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|                                                  |          |         |      |
|--------------------------------------------------|----------|---------|------|
| PC2 102-114/60 Pole clamp, double<br>(Ø 102-114) | 139-2707 | 102-114 | 1.20 |
|--------------------------------------------------|----------|---------|------|

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## FLC220 LED [GP]

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| Description                                      | Part ID  | D1      | Weight (kg) |
|--------------------------------------------------|----------|---------|-------------|
| PC1 114-133/60 Pole clamp, single<br>(Ø 114-133) | 139-2708 | 114-133 | 1.40        |

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|                                                  |          |         |      |
|--------------------------------------------------|----------|---------|------|
| PC2 114-133/60 Pole clamp, double<br>(Ø 114-133) | 139-2709 | 114-133 | 1.40 |
|--------------------------------------------------|----------|---------|------|

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**139-2116\_max**

**FLC220 LED [GP]**

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## **Control**

### **R2C Ready to Connect**

| Description                | Part ID  |
|----------------------------|----------|
| R2C Ready to Connect (top) | 430-0019 |

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Subject to technical changes and errors. - Generated on 23/11/2024