

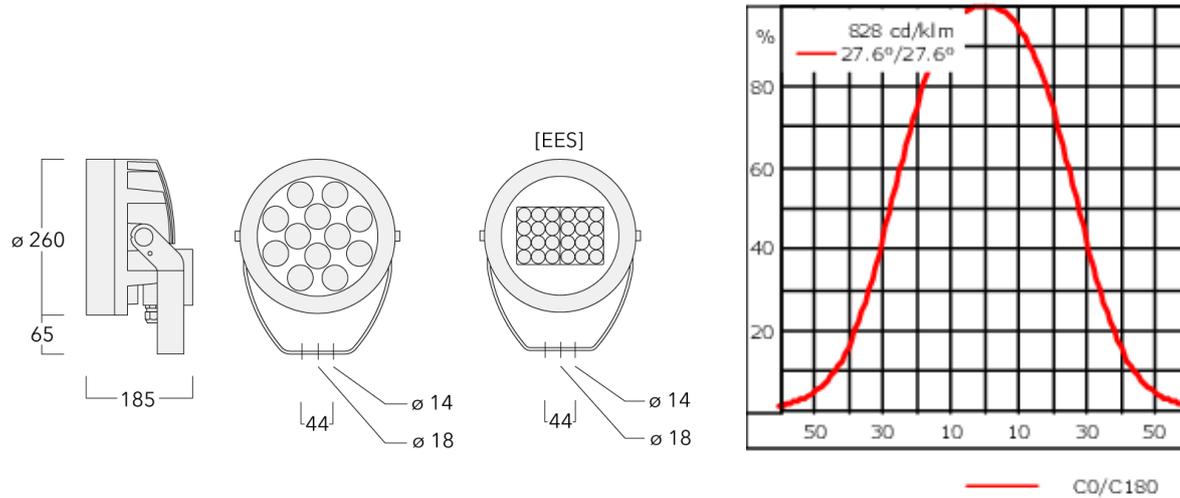


### Description

RGBW/RGBA Colour Changer. IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland. Second gland for through-wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. DMX interface. M20 cable gland for network- and DMX-connection, WE-EF recommend a multi core cable for DMX & Power "Power PUR-SR 3x1,5 + DMX".

|                           |                          |
|---------------------------|--------------------------|
| Weight                    | 7.70 kg                  |
| Light distribution        | symmetric, wide beam [B] |
| Light source              | LED-12/48W - RGBW/4K     |
| CRI                       | 20/80                    |
| Power supply              | EC                       |
| LEDs                      | 12                       |
| Rated input power         | 49 W                     |
| <b>Nominal Lumen (lm)</b> |                          |
| LED Lumen                 | 385                      |
| Total Lumen               | 4620                     |
| T <sub>j</sub>            | 85                       |
| <b>Rated lumens (lm)</b>  |                          |
| LED Lumen                 | 281.5                    |
| Total Lumen               | 3377.9                   |
| T <sub>a</sub>            | 25                       |

## FLC230-CC LED



## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 10px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 10px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; height: 10px; 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: 10px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.054 m <sup>2</sup>   |

### Electrical description

|                  |                        |
|------------------|------------------------|
| Power supply     | 220-240V / 50-60 Hz    |
| Driver / Ballast | DMX                    |
| Power factor     | > 0.9                  |
| Surge protection | 1/2 kV (optional SP10) |

**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class G (Light source)

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## FLC230-CC LED

**Control****Eco Step Dim® Basic**

| Description             | Part ID  |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

**Eco Step Dim® Advanced**

| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

**DMX Controller**

| Description    | Part ID  |
|----------------|----------|
| DMX Controller | 400-0469 |

**DMX Controller (smart)**

| Description            | Part ID  | Additional information  |
|------------------------|----------|---|
| DMX Controller (smart) | 400-0470 | IP20. The Touch Panel is an intuitive and easy-to-use keypad or one DMX universe. It can store up to 36 scenes; alternatively, via .... |



## FLC230-CC LED

## DMX Booster Box

| Description     | Part ID  |
|-----------------|----------|
| DMX Booster Box | 400-0474 |



## DMX Motion Sensor

| Description       | Part ID  |
|-------------------|----------|
| DMX Motion Sensor | 400-0478 |



**DMX Termination Plug**

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| Description          | Part ID  |
|----------------------|----------|
| DMX Termination Plug | 400-0475 |

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**DMX Plug and Socket**

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| Description         | Part ID  |
|---------------------|----------|
| DMX Plug and Socket | 400-0479 |

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**DMX Combination Cable**

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| Description           | Part ID  |
|-----------------------|----------|
| DMX Combination Cable | 400-0480 |

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**DMX Wireless Repeater**

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| Description           | Part ID  |
|-----------------------|----------|
| DMX Wireless Repeater | 400-0477 |

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## FLC230-CC LED

**DMX Wireless Transceiver**

| Description              | Part ID  |
|--------------------------|----------|
| DMX Wireless Transceiver | 400-0476 |

**R2C Ready to Connect**

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

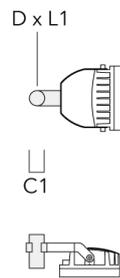
**DMX Wireless Antenna**

| Description     | Part ID  |
|-----------------|----------|
| Antenna RF5dB   | 430-0036 |
| Antenna RF1.8dB | 430-0018 |

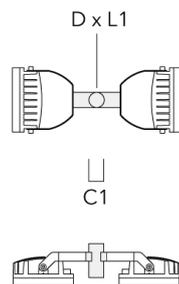
## Mounting Accessories

### Floodlight mounting bracket TA

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

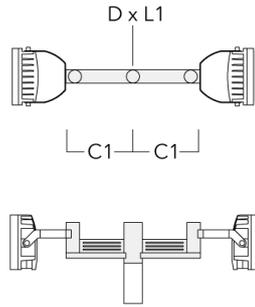


|  |          |  |     |           |      |           |
|--|----------|--|-----|-----------|------|-----------|
| TA2 Mounting bracket, double (Ø 108 x 200) | 147-0097 |  | 130 | 108 x 200 | 7.50 | 108 x 200 |
|--|----------|--|-----|-----------|------|-----------|

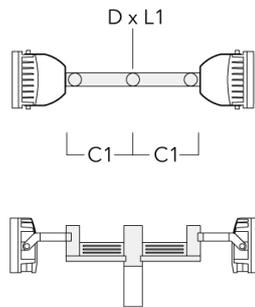


**FLC230-CC LED**

| Description                                  | Part ID  | A    | C1  | D x L1    | Weight (kg) | D x S     |
|--|----------|------|-----|-----------|-------------|-----------|
| TA2-L Mounting bracket, double (Ø 108 x 200) | 147-0148 | ±90° | 420 | 108 x 200 | 20.20       | 108 x 200 |

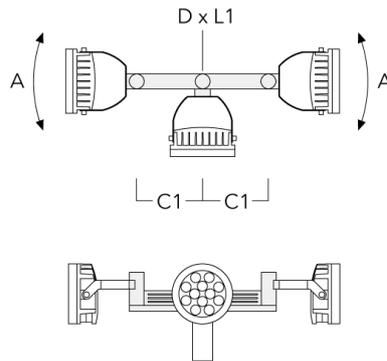


|   |          |      |     |          |       |          |
|---|----------|------|-----|----------|-------|----------|
| TA2-L Mounting bracket, double (Ø 76 x 200) | 147-0105 | ±90° | 420 | 76 x 200 | 16.10 | 76 x 200 |
|---|----------|------|-----|----------|-------|----------|

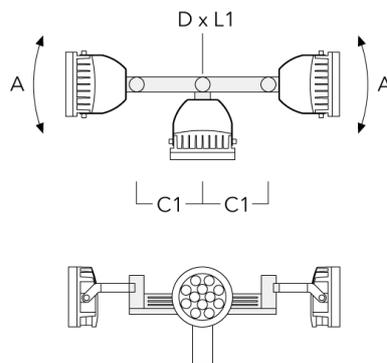


**FLC230-CC LED**

| 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 |

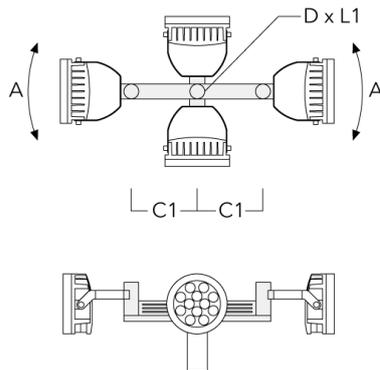


|  |          |      |     |           |       |           |
|--|----------|------|-----|-----------|-------|-----------|
| TA3 Mounting bracket, triple (Ø 108 x 200) | 147-0098 | ±90° | 650 | 108 x 200 | 24.20 | 108 x 200 |
|--|----------|------|-----|-----------|-------|-----------|

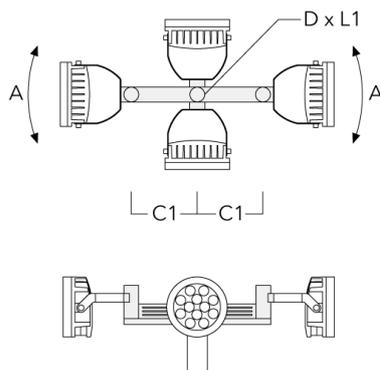


**FLC230-CC LED**

| 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 |

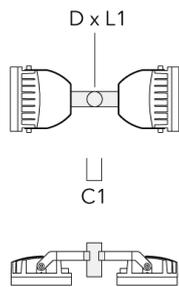


|  |          |      |     |           |       |           |
|--|----------|------|-----|-----------|-------|-----------|
| TA4 Mounting bracket, quad (Ø 108 x 200) | 147-0100 | ±90° | 650 | 108 x 200 | 24.20 | 108 x 200 |
|--|----------|------|-----|-----------|-------|-----------|

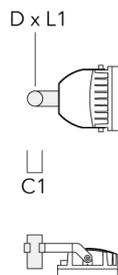


**FLC230-CC LED**

| 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 |



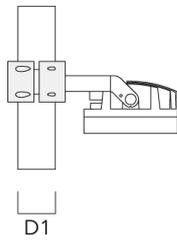
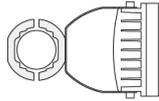
|  |          |  |     |          |      |          |
|--|----------|--|-----|----------|------|----------|
| TA1 Mounting bracket, single* (Ø 76 x 200) | 147-0023 |  | 130 | 76 x 200 | 1.50 | 76 x 200 |
|--|----------|--|-----|----------|------|----------|



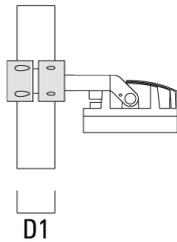
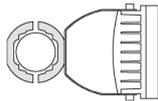
## FLC230-CC LED

## 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 |
|--|----------|---------|------|---------|

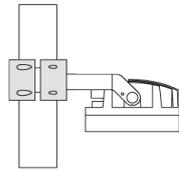
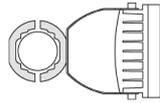


## FLC230-CC LED

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

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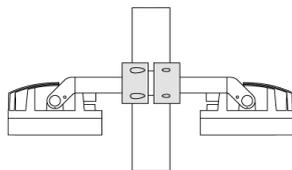
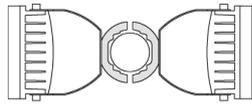


D1

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

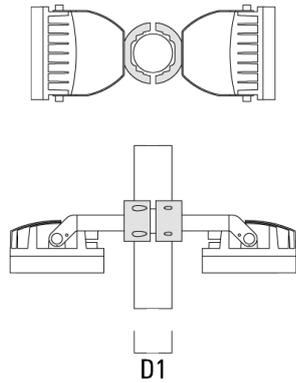
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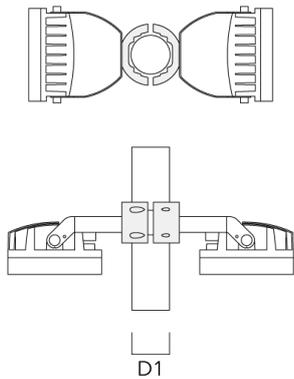
D1

## FLC230-CC 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 |



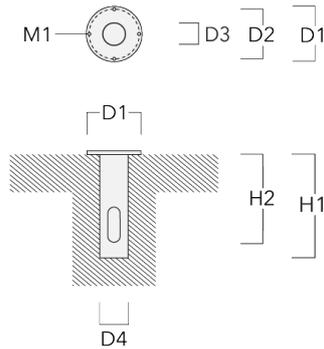
|  |          |         |      |         |
|--|----------|---------|------|---------|
| TS2-2/M12 Pole clamp, double (Ø 102-114) | 147-0527 | 102-114 | 1.50 | 102-114 |
|--|----------|---------|------|---------|



**FLC230-CC LED**

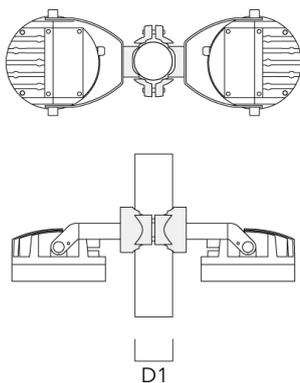
**Planted root**

| 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        |



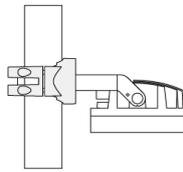
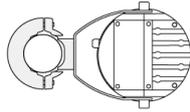
**Pole clamp PC**

| Description                               | Part ID  | D1    | Weight (kg) |
|---|----------|-------|-------------|
| PC2 76-89/60 Pole clamp, double (Ø 76-89) | 139-2703 | 76-89 | 1.00        |



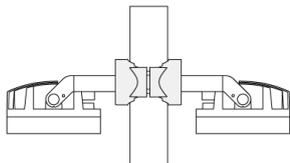
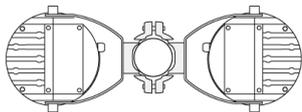
## FLC230-CC LED

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



D1

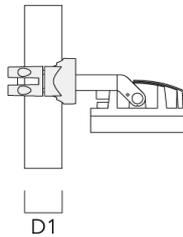
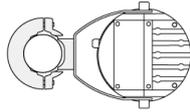
|   |          |         |      |
|---|----------|---------|------|
| PC2 102-114/60 Pole clamp, double (Ø 102-114) | 139-2707 | 102-114 | 1.20 |
|---|----------|---------|------|



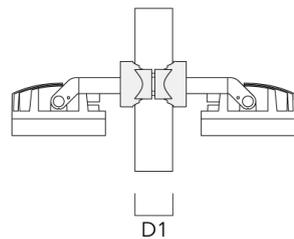
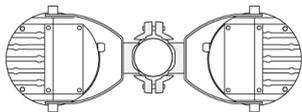
D1

## FLC230-CC LED

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

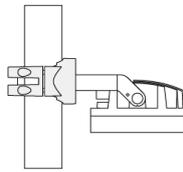
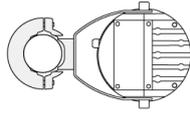


|  |          |         |      |
|--|----------|---------|------|
| PC2 114-133/60 Pole clamp, double<br>(Ø 114-133) | 139-2709 | 114-133 | 1.40 |
|--|----------|---------|------|



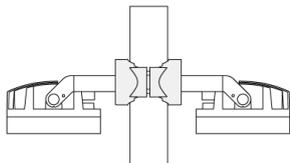
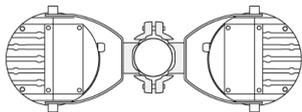
## FLC230-CC LED

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



D1

|   |          |        |      |
|---|----------|--------|------|
| PC2 82-109/60 Pole camp, double (Ø<br>82-109) | 139-2705 | 82-109 | 1.10 |
|---|----------|--------|------|



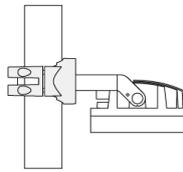
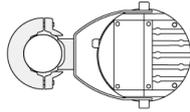
D1

**FLC230-CC LED**

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

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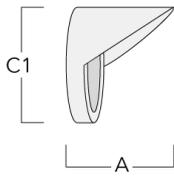


D1

**Optical Accessories**

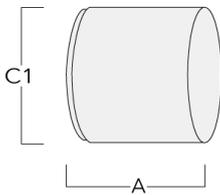
**Glare shield**

| Description   | Part ID  | A   | C1  |
|---------------|----------|-----|-----|
| ES-FLC230-LED | 139-1852 | 159 | 266 |



**Snoot**

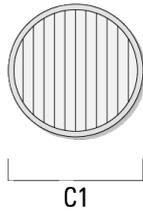
| Description   | Part ID  | A   | C1  |
|---------------|----------|-----|-----|
| ET-FLC230-LED | 139-1853 | 160 | 266 |



**FLC230-CC LED**

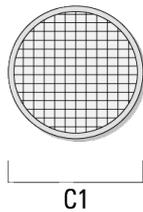
**Linear spread lens**

| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| IO-180-FLC230-LED | 139-1849 | 199 |



**Flood lens**

| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| IO-360-FLC230-LED | 139-1850 | 199 |



**Wallwash lens**

| Description      | Part ID  | C1  |
|------------------|----------|-----|
| IO-20-FLC230-LED | 139-1848 | 199 |

