



### Description

IP66, Class III. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Electronic control gear in separate gear box (constant current), prewired. Gearbox to be ordered separately. One factory installed flange plug M8 x 1.5. Cable length 3.0 m. CAD-optimised optics for superior illumination and glare control. Factory-installed LED circuit board.

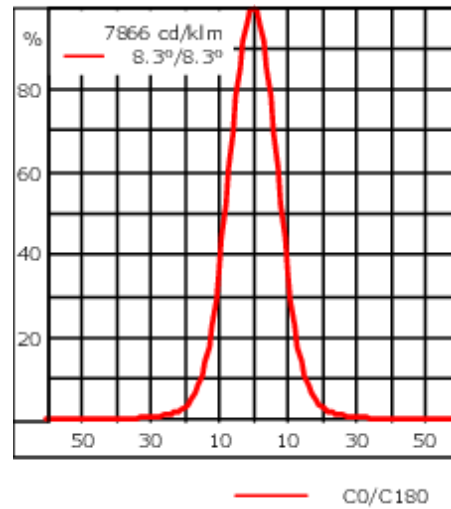
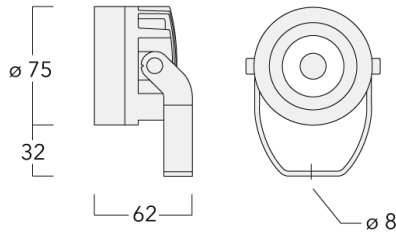
Maximum one internal optical accessory possible. To be specified at time of ordering.

|                           |                            |
|---------------------------|----------------------------|
| Weight                    | 0.50 kg                    |
| Light distribution        | symmetric, narrow beam [E] |
| Light source              | LED-1/6W / 500 mA - 2700 K |
| CRI                       | 80                         |
| Power supply              | EC                         |
| LEDs                      | 1                          |
| Rated input power         | 7.5 W                      |
| <b>Rated lumens (lm)</b>  |                            |
| LED Lumen                 | 567.7                      |
| Total Lumen               | 567.7                      |
| Ta                        | 25                         |
| <b>Nominal Lumen (lm)</b> |                            |
| LED Lumen                 | 670                        |
| Total Lumen               | 670                        |
| Tc                        | 25                         |

139-2441






FLC201 LED

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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colours              |  RAL9004 Signal black<br> RAL9006 White aluminium<br> RAL9007 Grey aluminium<br> RAL7016 Anthracite grey<br> RAL9016 Traffic white |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 0.006 m <sup>2</sup>  |

### Electrical description

|                  |                           |
|------------------|---------------------------|
| Power supply     | 220-240V / 50-60 Hz       |
| Driver / Ballast | Standard, DALI on request |
| Power factor     | > 0.9                     |

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**139-2441**

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**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class D-E (Light source)

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## Optical Accessories

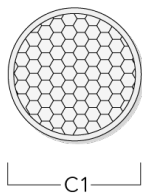
### Linear spread lens

| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-180-FLC201-LED | 139-2453 | 41.8 |



### Honeycomb louvre

| Description               | Part ID  | C1 |
|---------------------------|----------|----|
| IW-FLC201-LED - [EE][EES] | 139-2454 | 48 |



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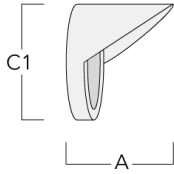
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**Glare shield**

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| Description   | Part ID  | A    | C1 |
|---------------|----------|------|----|
| ES-FLC201-LED | 139-2455 | 59.5 | 75 |

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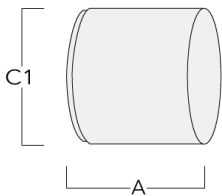
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**Snoot**

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| Description   | Part ID  | A  | C1 |
|---------------|----------|----|----|
| ET-FLC201-LED | 139-2456 | 60 | 75 |

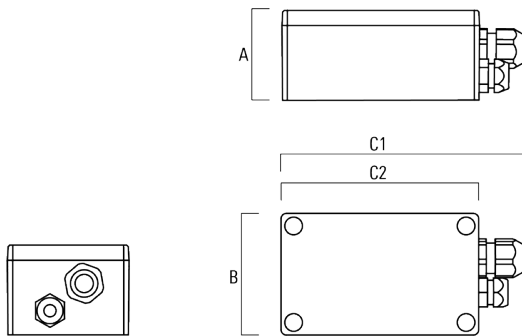
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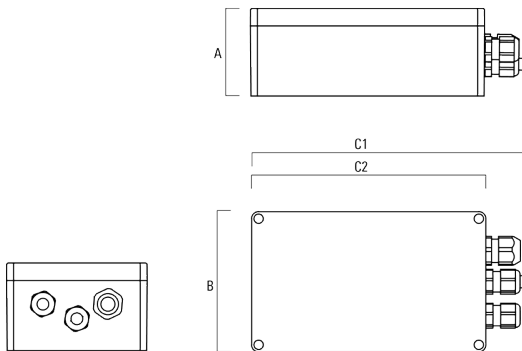
**Electrical Accessories**

**Gear box**

| Description                            | Part ID  | A  | B  | C1  | C2  | Weight (kg) |
|--|----------|----|----|-----|-----|-------------|
| GB200 R130x80 gear box (small)<br>DALI | 139-2555 | 50 | 80 | 159 | 130 | 0.30        |



|  |          |    |     |     |     |  |
|--|----------|----|-----|-----|-----|--|
| GB200 R200x120 gear box<br>(medium) DALI | 139-2622 | 75 | 120 | 229 | 200 |  |
|--|----------|----|-----|-----|-----|--|

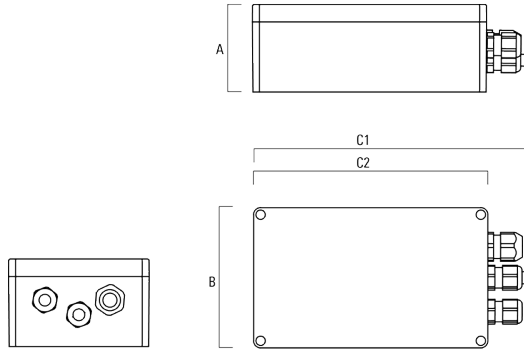


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**FLC201 LED**

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| Description                                  | Part ID  | A  | B   | C1  | C2  | Weight (kg) |
|--|----------|----|-----|-----|-----|-------------|
| GB200 R230x140 gear box (large)<br>SP10 DALI | 139-2621 | 95 | 140 | 259 | 230 |             |



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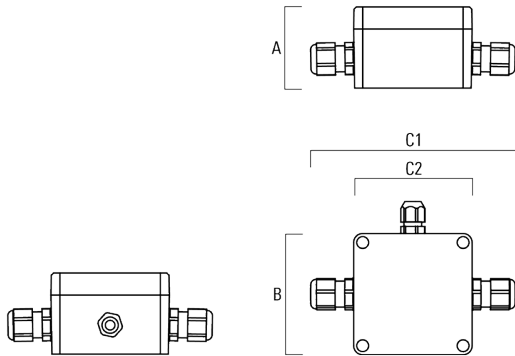
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## Mounting Accessories

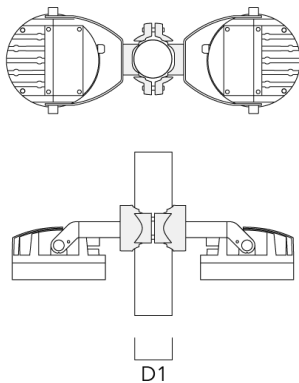
### Junction box

| Description            | Part ID  | A  | B  | C1  | C2 |
|------------------------|----------|----|----|-----|----|
| JB200 R82 Junction box | 139-2590 | 55 | 82 | 140 | 80 |



### Pole clamp PC

| Description                                      | Part ID  | D1      | Weight (kg) |
|--|----------|---------|-------------|
| PC2 114-133/60 Pole clamp, double<br>(Ø 114-133) | 139-2709 | 114-133 | 1.40        |



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