

146-0534

FLC131 LED RAIL66

**we-ef**



### Description

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. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board.

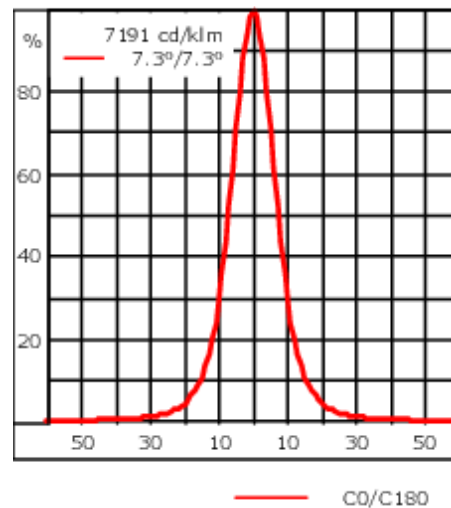
Including 0,4 m of flexible cable enclosed in stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

|                           |                                  |
|---------------------------|----------------------------------|
| Weight                    | 3.10 kg                          |
| Light distribution        | symmetric, very narrow beam [EE] |
| Light source              | LED-12/24W / 700 mA - 4000 K     |
| CRI                       | 80                               |
| Power supply              | EC                               |
| LEDs                      | 12                               |
| Rated input power         | 27 W                             |
| <b>Nominal Lumen (lm)</b> |                                  |
| LED Lumen                 | 310                              |
| Total Lumen               | 3720                             |
| T <sub>j</sub>            | 85                               |
| <b>Rated lumens (lm)</b>  |                                  |
| LED Lumen                 | 256.9                            |
| Total Lumen               | 3082.5                           |
| T <sub>a</sub>            | 25                               |

### WE-EF LEUCHTEN GmbH

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## Specifications

### Material description

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

### Electrical description

|                  |   |
|------------------|---|
| Power supply     | 220-240V / 50-60 Hz   |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
| Surge protection | 1/2 kV  |

### Additional information

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

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## Optical Accessories

## Glare shield

| Description     | Part ID  | A   | C1  |
|-----------------|----------|-----|-----|
| Glare shield ES | 146-0156 | 110 | 100 |



## Snoot

| Description | Part ID  | A    | C1  |
|-------------|----------|------|-----|
| Snoot ET    | 146-0397 | 95,5 | 126 |



**Flood lens**

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| Description | Part ID  | C1  |
|-------------|----------|-----|
| IO-360      | 146-0623 | 110 |

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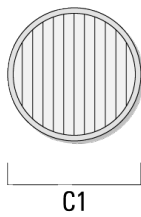
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**Linear spread lens**

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| Description       | Part ID  | C1     |
|-------------------|----------|--------|
| IO-180-FLC131-LED | 146-0418 | 110.00 |

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146-0534

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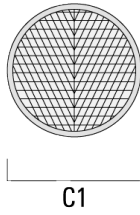
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**Wallwash lens**

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| Description         | Part ID  | C1  |
|---------------------|----------|-----|
| IO-20-WW-FLC131-LED | 146-0645 | 110 |

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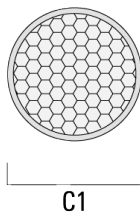
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**Honeycomb louvre**

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| Description               | Part ID  | C1  |
|---------------------------|----------|-----|
| IW-FLC131-LED - [EE][EES] | 146-0625 | 110 |

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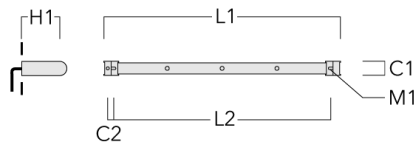
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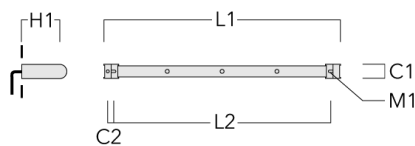
**Mounting Accessories**

**Universal**

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 2 Mains outlets (L=1150) | 310-9200 | 75 | 30 | 200 | 12 | 5.90        | 1150 | 1045 |



|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 3 Mains outlets (L=1150) | 310-9202 | 75 | 30 | 200 | 12 | 5.90 | 1150 | 1045 |
|--------------------------|----------|----|----|-----|----|------|------|------|



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| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9210 | 75 | 30 | 200 | 12 | 7.20        | 1650 | 1545 |

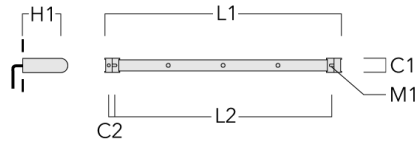


|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 4 Mains outlets (L=1650) | 310-9212 | 75 | 30 | 200 | 12 | 7.20 | 1650 | 1545 |
|--------------------------|----------|----|----|-----|----|------|------|------|

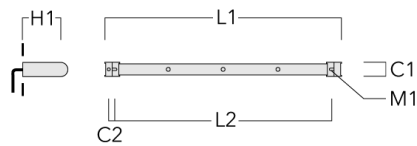


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| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 4 Mains outlets (L=2150) | 310-9220 | 75 | 30 | 200 | 12 | 8.50        | 2150 | 2045 |



|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 6 Mains outlets (L=2150) | 310-9222 | 75 | 30 | 200 | 12 | 8.50 | 2150 | 2045 |
|--------------------------|----------|----|----|-----|----|------|------|------|





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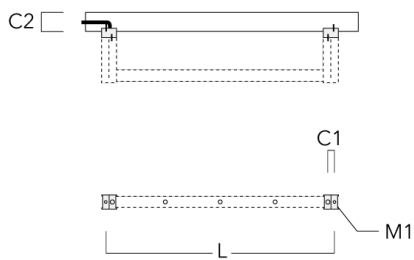
**Flat Surface Fitters**

| Description            | Part ID  | C1 | C2 | D1  | D2  | L    | M1 | Weight (kg) |
|------------------------|----------|----|----|-----|-----|------|----|-------------|
| Surface fitters (pair) | 310-9290 | 20 | 30 | 180 | 140 | 1070 | 9  | 1.70        |



**Column Fitters**

| Description           | Part ID  | C1 | C2  | L    | M1 | Weight (kg) |
|-----------------------|----------|----|-----|------|----|-------------|
| Column fitters (pair) | 310-9294 | 30 | 100 | 1115 | 12 | 0.90        |



**Cantilever**

| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 2 Mains outlets (L=1150) | 310-9230 | 220 | 120 | 60 | 600 | 13 | 12          | 1150 | 1070 |



|                          |          |     |     |    |     |    |    |      |      |
|--------------------------|----------|-----|-----|----|-----|----|----|------|------|
| 3 Mains outlets (L=1150) | 310-9232 | 220 | 120 | 60 | 600 | 13 | 12 | 1150 | 1070 |
|--------------------------|----------|-----|-----|----|-----|----|----|------|------|



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| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9240 | 220 | 120 | 60 | 600 | 13 | 13.30       | 1650 | 1570 |



|                          |          |     |     |    |     |    |       |      |      |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 4 Mains outlets (L=1650) | 310-9242 | 220 | 120 | 60 | 600 | 13 | 13.30 | 1650 | 1570 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|



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| Description              | Part ID  | C1  | C2  | C3 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|-----|-----|----|-----|----|-------------|------|------|
| 4 Mains outlets (L=2150) | 310-9250 | 220 | 120 | 60 | 600 | 13 | 14.60       | 2150 | 2070 |



|                          |          |     |     |    |     |    |       |      |      |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|
| 6 Mains outlets (L=2150) | 310-9252 | 220 | 120 | 60 | 600 | 13 | 14.60 | 2150 | 2070 |
|--------------------------|----------|-----|-----|----|-----|----|-------|------|------|

