

**Description**

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Mains voltage versions only, DALI interface available (converter in thermally-separated compartment).

Including 0.4 m of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

If ordering a fitting to be installed on an existing rail, please confirm the rail version with your local distributor or our customer excellence team as connectors vary.

**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> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware (unpainted)  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE+Primer   |

**Electrical description**

|                  |                                  |
|------------------|----------------------------------|
| Driver / Ballast | Integral EC electronic converter |
|------------------|----------------------------------|

**Additional information**

|          |                        |
|----------|------------------------|
| Lifetime | Ta=40° L90B10 > 90000h |
|----------|------------------------|

**Options**

**Light distribution**



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



symmetric, very narrow beam, sharp cut-off [EES]



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

**Colour temperature**



2700 K



3000 K

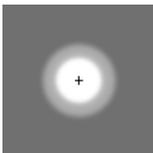
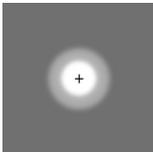
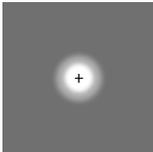
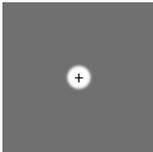


4000 K

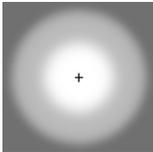
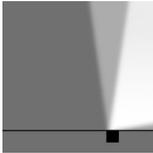
**Nominal Watt**

0 W

### Configurations

| Light distribution   | Part ID           | Light source               | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|-------------------|----------------------------|--------------|-------------------|-----|-------------|
| linear spread, very narrow beam [EE]<br>                 | 145-7222+145-7229 | LED-1/4W / 350 mA - 2700 K | 384.7        | 5 W               | 80  | 1.20        |
|  | 145-7223+145-7229 | LED-1/4W / 350 mA - 3000 K | 406.1        | 5 W               | 80  | 1.20        |
|  | 145-7224+145-7229 | LED-1/4W / 350 mA - 4000 K | 439.2        | 5 W               | 80  | 1.20        |
| linear spread, very narrow beam, sharp cut-off [EES]<br> | 145-7225+145-7229 | LED-1/4W / 350 mA - 2700 K | 343.5        | 5 W               | 80  | 1.20        |
|  | 145-7226+145-7229 | LED-1/4W / 350 mA - 3000 K | 343.5        | 5 W               | 80  | 1.20        |
|  | 145-7227+145-7229 | LED-1/4W / 350 mA - 4000 K | 369.9        | 5 W               | 80  | 1.20        |
| symmetric, medium beam [M]<br>                          | 145-7258+0013     | LED-1/4W / 350 mA - 2700 K | 400.8        | 5 W               | 80  | 1.90        |
|  | 145-7259+0013     | LED-1/4W / 350 mA - 3000 K | 398.4        | 5 W               | 80  | 1.90        |
|  | 145-7260+0013     | LED-1/4W / 350 mA - 4000 K | 430.9        | 5 W               | 80  | 1.90        |
|  | 145-7303+0013     | LED-1/6W / 500 mA - 2700 K | 544.8        | 7.5 W             | 80  | 1.90        |
|  | 145-7304+0013     | LED-1/6W / 500 mA - 3000 K | 544.8        | 7.5 W             | 80  | 1.90        |
|  | 145-7305+0013     | LED-1/6W / 500 mA - 4000 K | 585.5        | 7.5 W             | 80  | 1.90        |
| symmetric, narrow beam [E]<br>                         | 145-7261+0013     | LED-1/4W / 350 mA - 2700 K | 417.6        | 5 W               | 80  | 1.90        |
|  | 145-7262+0013     | LED-1/4W / 350 mA - 3000 K | 415          | 5 W               | 80  | 1.90        |
|  | 145-7263+0013     | LED-1/4W / 350 mA - 4000 K | 448.9        | 5 W               | 80  | 1.90        |
|  | 145-7306+0013     | LED-1/6W / 500 mA - 2700 K | 567.7        | 7.5 W             | 80  | 1.90        |
|  | 145-7307+0013     | LED-1/6W / 500 mA - 3000 K | 567.7        | 7.5 W             | 80  | 1.90        |
|  | 145-7308+0013     | LED-1/6W / 500 mA - 4000 K | 610.1        | 7.5 W             | 80  | 1.90        |
| symmetric, very narrow beam [EE]<br>                   | 145-7264+0013     | LED-1/4W / 350 mA - 2700 K | 418.1        | 5 W               | 80  | 1.90        |
|  | 145-7265+0013     | LED-1/4W / 350 mA - 3000 K | 415.5        | 5 W               | 80  | 1.90        |
|  | 145-7266+0013     | LED-1/4W / 350 mA - 4000 K | 449.4        | 5 W               | 80  | 1.90        |
|  | 145-7309+0013     | LED-1/6W / 500 mA - 2700 K | 568.2        | 7.5 W             | 80  | 1.90        |
|  | 145-7310+0013     | LED-1/6W / 500 mA - 3000 K | 568.2        | 7.5 W             | 80  | 1.90        |
|  | 145-7311+0013     | LED-1/6W / 500 mA - 4000 K | 610.6        | 7.5 W             | 80  | 1.90        |
| symmetric, very narrow beam, sharp cut-off [EES]<br>   | 145-7267+0013     | LED-1/4W / 350 mA - 2700 K | 382.2        | 5 W               | 80  | 1.90        |
|  | 145-7268+0013     | LED-1/4W / 350 mA - 3000 K | 382.2        | 5 W               | 80  | 1.90        |
|  | 145-7269+0013     | LED-1/4W / 350 mA - 4000 K | 411.6        | 5 W               | 80  | 1.90        |
|  | 145-7312+0013     | LED-1/6W / 500 mA - 2700 K | 516.6        | 7.5 W             | 80  | 1.90        |
|  | 145-7313+0013     | LED-1/6W / 500 mA - 3000 K | 516.6        | 7.5 W             | 80  | 1.90        |
|  | 145-7314+0013     | LED-1/6W / 500 mA - 4000 K | 558.6        | 7.5 W             | 80  | 1.90        |

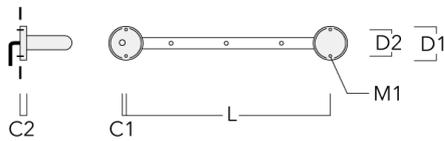
## RAIL66

| Light distribution   | Part ID           | Light source               | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|-------------------|----------------------------|--------------|-------------------|-----|-------------|
| symmetric, wide beam [B]<br> | 145-7255+0013     | LED-1/4W / 350 mA - 2700 K | 378.8        | 5 W               | 80  | 1.90        |
|  | 145-7256+0013     | LED-1/4W / 350 mA - 3000 K | 378.8        | 5 W               | 80  | 1.90        |
|  | 145-7257+0013     | LED-1/4W / 350 mA - 4000 K | 409.7        | 5 W               | 80  | 1.90        |
|  | 145-7300+0013     | LED-1/6W / 500 mA - 2700 K | 518.4        | 7.5 W             | 80  | 1.90        |
|  | 145-7301+0013     | LED-1/6W / 500 mA - 3000 K | 518.4        | 7.5 W             | 80  | 1.90        |
|  | 145-7302+0013     | LED-1/6W / 500 mA - 4000 K | 557.1        | 7.5 W             | 80  | 1.90        |
| wallwash<br>                 | 145-7219+145-7230 | LED-1/4W / 350 mA - 2700 K | 331.7        | 5 W               | 80  | 1.20        |
|  | 145-7220+145-7230 | LED-1/4W / 350 mA - 3000 K | 331.7        | 5 W               | 80  | 1.20        |
|  | 145-7221+145-7230 | LED-1/4W / 350 mA - 4000 K | 358.8        | 5 W               | 80  | 1.20        |

**Mounting Accessories**

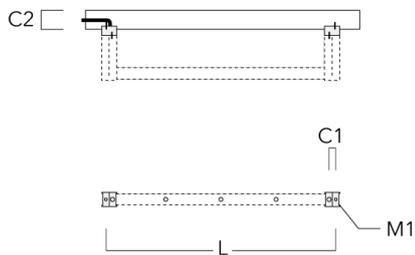
**Flat Surface Fitters**

| 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**

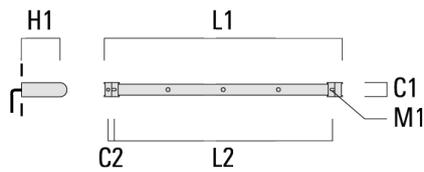
| Description           | Part ID  | C1 | C2  | L    | M1 | Weight (kg) |
|-----------------------|----------|----|-----|------|----|-------------|
| Column fitters (pair) | 310-9294 | 30 | 100 | 1115 | 12 | 0.90        |



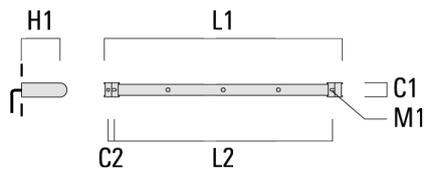
**RAIL66**

**Universal (1-10V/DALI)**

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 2 Mains outlets (L=1150) | 310-9300 | 75 | 30 | 200 | 12 | 5.90        | 1150 | 1045 |

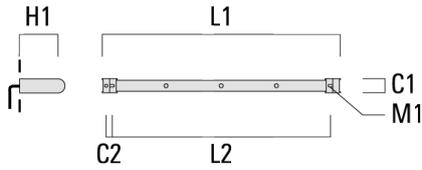


|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 3 Mains outlets (L=1150) | 310-9301 | 75 | 30 | 200 | 12 | 5.90 | 1150 | 1045 |
|--------------------------|----------|----|----|-----|----|------|------|------|

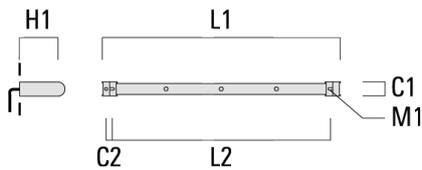


**RAIL66**

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 3 Mains outlets (L=1650) | 310-9302 | 75 | 30 | 200 | 12 | 7.20        | 1650 | 1545 |

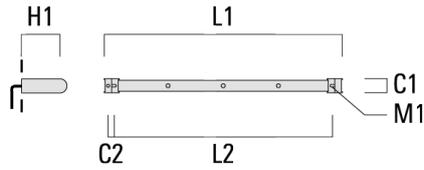


|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 4 Mains outlets (L=1650) | 310-9303 | 75 | 30 | 200 | 12 | 7.20 | 1650 | 1545 |
|--------------------------|----------|----|----|-----|----|------|------|------|

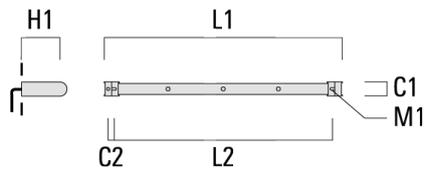


**RAIL66**

| Description              | Part ID  | C1 | C2 | H1  | M1 | Weight (kg) | L1   | L2   |
|--------------------------|----------|----|----|-----|----|-------------|------|------|
| 4 Mains outlets (L=2150) | 310-9304 | 75 | 30 | 200 | 12 | 8.50        | 2150 | 2045 |



|                          |          |    |    |     |    |      |      |      |
|--------------------------|----------|----|----|-----|----|------|------|------|
| 6 Mains outlets (L=2150) | 310-9305 | 75 | 30 | 200 | 12 | 8.50 | 2150 | 2045 |
|--------------------------|----------|----|----|-----|----|------|------|------|



**Control**

**1-10 V analogue dimming interface**

| Description                       | Part ID  | C  |
|-----------------------------------|----------|----|
| 1-10 V analogue dimming interface | 430-0011 | 90 |

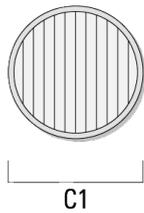
**DALI interface**

| Description    | Part ID  | Additional information   |
|----------------|----------|--|
| DALI interface | 430-0013 | <p>DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).</p> <p>Dali 2.0</p> <ul style="list-style-type: none"> <li>-Application controllers and Input devices defined</li> <li>-Single-masters and multi-masters allowed</li> <li>-Event priorities defined</li> <li>-Separate addressing &amp; grouping from control gear</li> </ul> <p>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!</p> |

**Optical Accessories**

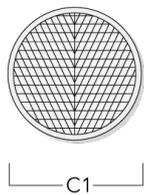
**Linear spread lens**

| Description               | Part ID  | C1   |
|---------------------------|----------|------|
| Linear spread lens IO-180 | 145-7229 | 42.5 |



**Wallwash lens**

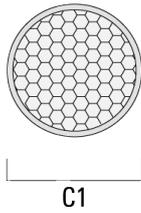
| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-7230 | 42.5 |



**RAIL66**

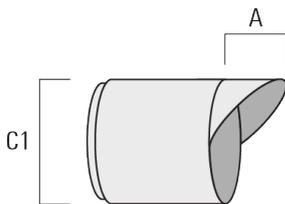
**Honeycomb louvre**

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-7231 | 42.5 |



**Glare shield**

| Description     | Part ID  | A    | C1 |
|-----------------|----------|------|----|
| Glare shield ES | 145-7232 | 20.5 | 58 |



**RAIL66**

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**Snoot**

| Description | Part ID  | A    | C1 |
|-------------|----------|------|----|
| Snoot ET    | 145-7233 | 22.5 | 58 |

