

## FLC321 RAIL66

**Description**

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

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

12W, 18W, 26W / 120-277V / 0-10V Dimming.

Including 1.3 ft of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

Optical accessories are factory-installed. To be specified at time of ordering.

|                    |                             |
|--------------------|-----------------------------|
| Weight             | 9.00 lb                     |
| Light distribution | symmetric, wide beam [W]    |
| Light source       | LED-6/26W / 1400 mA - 2700K |
| CRI                | 80                          |
| Power supply       | electronic gear             |
| LEDs               | 6                           |
| Rated input power  | 27 W                        |

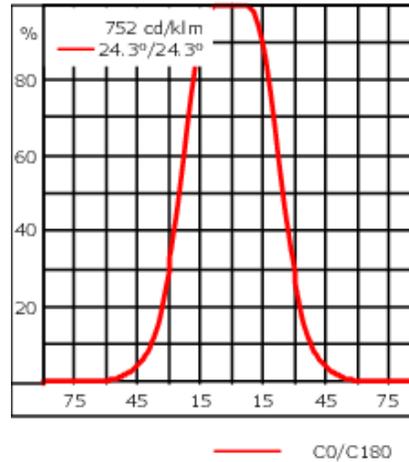
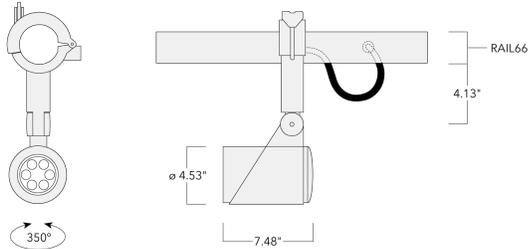
**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 520  |
| Total Lumen | 3120 |
| Tj          | 85   |

**Delivered lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 277.6  |
| Total Lumen | 1665.8 |
| Ta          | 25     |

**FLC321 RAIL66**



**Specifications**

**Material description**

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colors               | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS hardware   |
| Ingress protection   | IP66   |
| Impact resistance    | IK08   |
| Corrosion resistance | 5CE  |
| Windage              | 0.7 ft <sup>2</sup>  |

**Electrical description**

|                  |                      |
|------------------|----------------------|
| Driver / Ballast | 120-277V AC/50-60 Hz |
|------------------|----------------------|

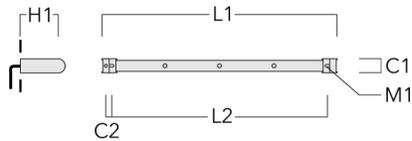
**Additional information**

|          |  |
|----------|--|
| Lifetime | Ta=25°/40° L90B10 > 90000h                                 |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

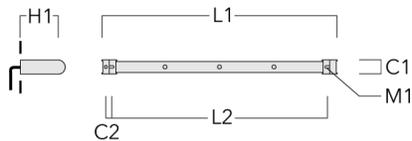
**Mounting Accessories**

**Universal**

| Description               | Part ID  | C1   | C2   | H1   | M1  | Weight (lb) | L1    | L2    |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 2 Mains outlets (L=45.28) | 310-9200 | 3.00 | 1.20 | 7.90 | 0.5 | 13.00       | 45.28 | 41.14 |

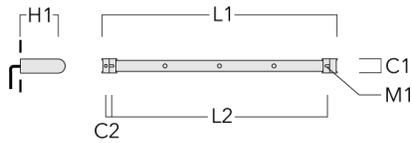


|                           |          |      |      |      |     |       |       |       |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|
| 3 Mains outlets (L=45.28) | 310-9202 | 3.00 | 1.20 | 7.90 | 0.5 | 13.00 | 45.28 | 41.14 |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|

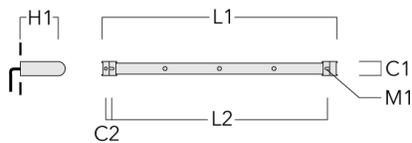


**FLC321 RAIL66**

| Description               | Part ID  | C1   | C2   | H1   | M1  | Weight (lb) | L1    | L2    |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 3 Mains outlets (L=64.69) | 310-9210 | 3.00 | 1.18 | 7.90 | 0.5 | 15.90       | 64.69 | 60.83 |

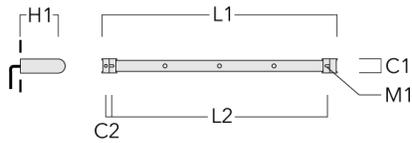


|                           |          |      |      |      |   |           |       |       |
|---------------------------|----------|------|------|------|---|-----------|-------|-------|
| 4 Mains outlets (L=64.69) | 310-9212 | 3.00 | 1.18 | 7.90 | 5 | 13.00 lbs | 64.69 | 60.83 |
|---------------------------|----------|------|------|------|---|-----------|-------|-------|

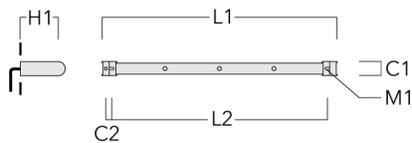


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| Description               | Part ID  | C1   | C2   | H1   | M1  | Weight (lb) | L1    | L2    |
|---------------------------|----------|------|------|------|-----|-------------|-------|-------|
| 4 Mains outlets (L=84.65) | 310-9220 | 3.00 | 1.18 | 7.90 | 0.5 | 18.76       | 84.65 | 80.51 |



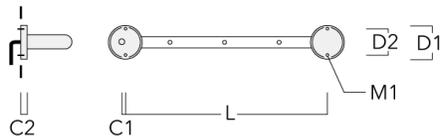
|                           |          |      |      |      |     |       |       |       |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|
| 6 Mains outlets (L=84.65) | 310-9222 | 3.00 | 1.18 | 7.90 | 0.5 | 18.76 | 84.65 | 80.51 |
|---------------------------|----------|------|------|------|-----|-------|-------|-------|



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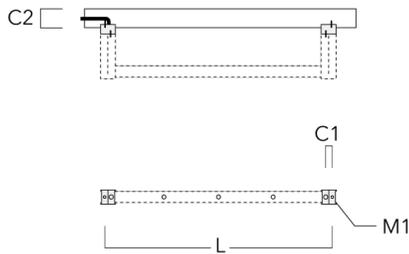
**Flat Surface Fitters**

| Description            | Part ID  | C1   | C2   | D1  | D2  | L    | M1  | Weight (lb) |
|------------------------|----------|------|------|-----|-----|------|-----|-------------|
| Surface fitters (pair) | 310-9290 | 0.79 | 1.18 | 7.1 | 5.5 | 42.1 | .35 | 3.70        |



**Column Fitters**

| Description           | Part ID  | C1   | C2   | L    | M1 | Weight (lb) |
|-----------------------|----------|------|------|------|----|-------------|
| Column Fitters (pair) | 310-9294 | 1.20 | 4.00 | 43.9 | .5 | 2.00        |



**145-7356**

**FLC321 RAIL66**

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**Control**

**0-10 V, 24VDC low voltage version**

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| Description                       | Part ID |
|-----------------------------------|---------|
| 24VDC low voltage version, 0-10 V | 0033    |

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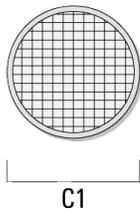
## Optical Accessories

### Softening Lens

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| Description       | Part ID  | C1   |
|-------------------|----------|------|
| Flood lens IO-360 | 145-9992 | 3.43 |

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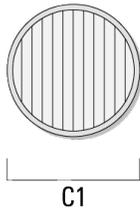
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**Linear spread lens**

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| Description               | Part ID  | C1   |
|---------------------------|----------|------|
| Linear spread lens IO-180 | 145-9991 | 3.43 |

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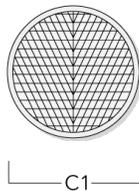
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**Wallwash lens**

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| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-9993 | 3.43 |

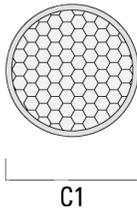
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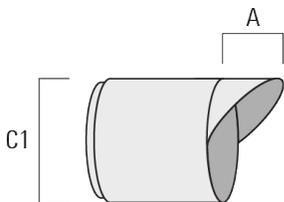
**Honeycomb louvre**

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-9994 | 3.43 |



**Glare shield**

| Description     | Part ID  | A    | C1   |
|-----------------|----------|------|------|
| Glare shield ES | 145-9995 | 2.17 | 4.49 |



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**Snoot**

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| Description | Part ID  | A    | C1   |
|-------------|----------|------|------|
| Snoot ET    | 145-9996 | 2.20 | 4.49 |

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