



### 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.

Mains voltage versions: DALI interface Class I.

Including 0.4 m 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                    | 3.40 kg  |
| Light distribution        | symmetric, very narrow beam, sharp cut-off [EES] |
| Light source              | LED-6/18W / 1050 mA - 4000 K                     |
| CRI                       | 80   |
| Power supply              | EC   |
| LEDs                      | 6  |
| Rated input power         | 21 W   |
| <b>Nominal Lumen (lm)</b> |  |
| LED Lumen                 | 430  |
| Total Lumen               | 2580   |
| Tj                        | 85   |
| <b>Rated lumens (lm)</b>  |  |
| LED Lumen                 | 334.4  |
| Total Lumen               | 2006.2   |
| Ta                        | 25   |

145-7947

FLC321 RAIL66

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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 |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS hardware  |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE   |
| Windage              | 0.065 m <sup>2</sup>  |

### Electrical description

|                  |      |
|------------------|------|
| Driver / Ballast | DALI |
|------------------|------|

### Additional information

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

#### WE-EF LIGHTING Pty Ltd

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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        |



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## **Control**

### **Eco Step Dim® Advanced**

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

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## Optical Accessories

### Surface wash lens

| Description       | Part ID  | C1 |
|-------------------|----------|----|
| Flood lens IO-360 | 145-9992 | 87 |



### Linear spread lens

| Description               | Part ID  | C1 |
|---------------------------|----------|----|
| Linear spread lens IO-180 | 145-9991 | 87 |



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**Wallwash lens**

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| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Wallwash lens IO-20 | 145-9993 | 87 |

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**Honeycomb louvre**

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| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-9994 | 87 |

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**Glare shield**

| Description     | Part ID  | A  | C1  |
|-----------------|----------|----|-----|
| Glare shield ES | 145-9995 | 55 | 114 |



**Snoot**

| Description | Part ID  | A  | C1  |
|-------------|----------|----|-----|
| Snoot ET    | 145-9996 | 56 | 114 |

