



Description

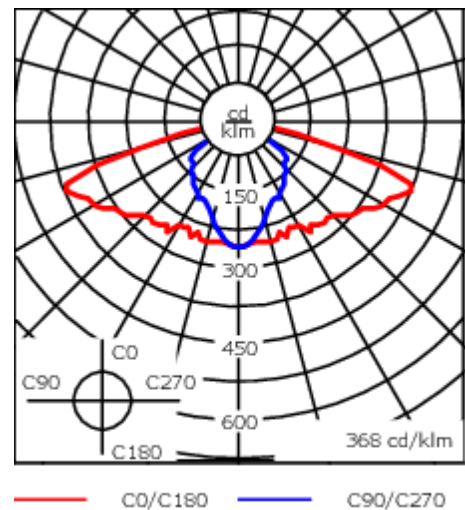
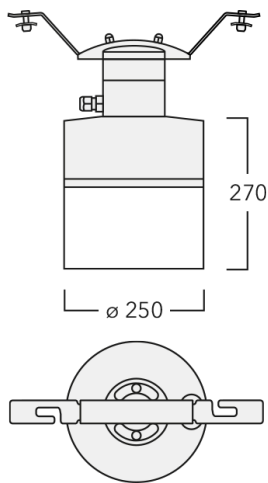
IP66, Class I, Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. UV-resistant polycarbonate main lens (open at the bottom). The luminaire is factory sealed and does not need to be opened during installation. Integral EC converter, thermally separated. Factory installed LED circuit board. Removable LED boards for upgrading. CAD-optimised indirect optics for superior illumination and glare control.

Optional 2200 K version available. To be specified at time of ordering.

|                    |                                   |
|--------------------|-----------------------------------|
| Weight             | 9.50 kg                           |
| Light distribution | asymmetric, side throw beam [S70] |
| Light source       | LED-18/54W / 1050 mA - 3000 K     |
| CRI                | 80                                |
| Power supply       | EC                                |
| LEDs               | 18                                |
| Rated input power  | 59 W                              |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 430  |
| Total Lumen        | 7740 |
| Tj                 | 85   |

|                   |        |
|-------------------|--------|
| Rated lumens (lm) |        |
| LED Lumen         | 381.2  |
| Total Lumen       | 6861.1 |
| Ta                | 25     |



Specifications  
Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Polycarbonate (open at the bottom)   |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone rubber gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.090 m <sup>2</sup>   |

Electrical description

|                  |                                    |
|------------------|------------------------------------|
| Power supply     | 220-240V / 50-60 Hz                |
| Driver / Ballast | Standard. DALI or 1-10V on request |
| Power factor     | > 0.9                              |
| Surge protection | 6/6 kV (optional SP10)             |

**115-2013**

**ZFS460 LED**

**we-ef**

### **Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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Control

Eco Step Dim® Basic

| Description             | Part ID  |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

Eco Step Dim® Advanced

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

R2C Ready to Connect

| Description                | Part ID  |
|----------------------------|----------|
| R2C Ready to Connect (top) | 430-0019 |