



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. Non-reflecting safety glass lens, hinged with safety switch. 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. The luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version available. To be specified at time of ordering.

Includes cable connector, for cable 6-12 mm. Cable inclination angle: Maximum 10°.

| | |
|--------------------|-----------------------------------|
| Weight | 14.70 kg |
| Light distribution | asymmetric, side throw beam [S65] |
| Light source | LED-36/18W/18W / 350 mA - 3000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 36 |
| Rated input power | 38 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 155 |
| Total Lumen | 5580 |
| Tj | 85 |

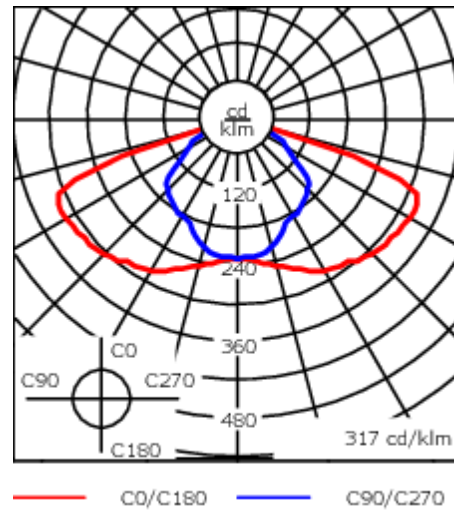
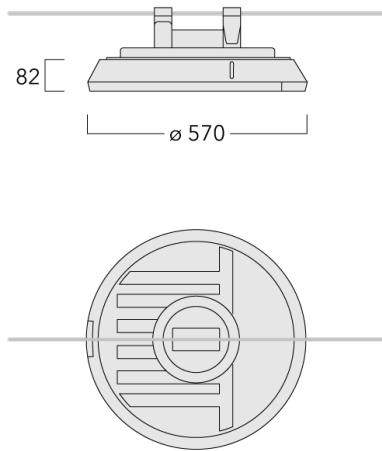
Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 140.8 |
| Total Lumen | 5070.6 |
| Ta | 25 |

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RFS540 LED

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Specifications

Material description

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Non-reflecting safety glass lens, hinged |
| Colours |  RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.074 m ² |

Electrical description

| | |
|------------------|----------------------------------|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral EC electronic converter |
| Power factor | > 0.9 |
| Surge protection | 6/6 kV (optional SP10) |

Fagerhult Lighting Ltd

33-34 Dolben Street, SE1 0UQ London, United Kingdom

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Additional information

Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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RFS540 LED

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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 |