

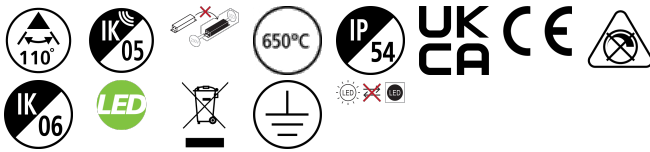
Start Flood Flat PIR

Start Flood Flat IP54 PIR 2850LM 830 Black
0050137



Product features

- The streamlined, durable, lightweight die-cast aluminium body makes Start Flood Flat a perfect choice for building facades, car parks, garages and construction areas. The product includes 1 m pre-wired stripped cable and fitting bracket for quick and easy installation and the universal mounting bracket allows wall or surface mounting with the possibility of vertical tilting. Black (RAL9017) housing, white reflector, 2850 lm, 28 W, 102 lm/W, 3000K, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lifespan L70:B50: 90000 hrs, 201 x 156 x 57 mm (L x W x H). Weight: 0.575kg. PIR sensor included.



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | Start Flood Flat IP54 PIR 2850LM 830 Black |
| Technology | LED |
| General application | Residential & Consumer |
| ETIM Class | EC001744 |
| E-number FI | 4579541 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 2850 |
| Luminaire efficacy (lm/W) | 102 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 110 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 28.0 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour | Black |
| IP rating | IP54 |
| IK rating | IK06 |
| Product EAN number | 5410288501376 |

DATA TABLE

General data

| | |
|----------------------------------|--|
| Product name | Start Flood Flat IP54 PIR 2850LM 830 Black |
| Technology | LED |
| General application | Residential & Consumer |
| Operating temperature range (°C) | -20°C...+40°C |
| ETIM Class | EC001744 |

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| | |
|-------------|---------|
| E-number FI | 4579541 |
| Warranty | 3 years |

Optical data

| | |
|---------------------------------|------------|
| Fixture luminous flux (lm) | 2850 |
| Luminaire efficacy (lm/W) | 102 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 110 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|----------------|
| Total power consumption (W) | 28.0 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.9 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 60 |
| Inrush Current (A) | 20.4 |
| Inrush Duration (µs) | 390 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Low (6% - 20%) |
| Max. Luminaires per 10A C Breaker | 15 |
| Max. Luminaires per 13A C Breaker | 20 |
| Max. Luminaires per 16A C Breaker | 25 |
| Max. Luminaires per 20A C Breaker | 30 |
| Max. Luminaires per 10A B Breaker | 9 |
| Max. Luminaires per 13A B Breaker | 12 |
| Max. Luminaires per 16A B Breaker | 15 |
| Max. Luminaires per 20A B Breaker | 18 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B50 | 73000 |
| Lifespan L80 B20 | 47000 |

Physical data

| | |
|-----------------------------|-------|
| Housing colour | Black |
| IP rating | IP54 |
| IK rating | IK06 |
| IK rating of sensor | IK05 |
| Nominal Product Length (mm) | 201 |
| Nominal Product Width (mm) | 156 |

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| | |
|-----------------------------|-------|
| Nominal Product Height (mm) | 57 |
| Weight (kg) | 0.575 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288501376 |
| Packaging single length / height (cm) | 16.1 |
| Packaging single width (cm) | 5.9 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (outer) | 15410288501373 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 38.2 |
| Packaging outer width (cm) | 17.4 |
| Packaging outer depth (cm) | 22.8 |

Safety data

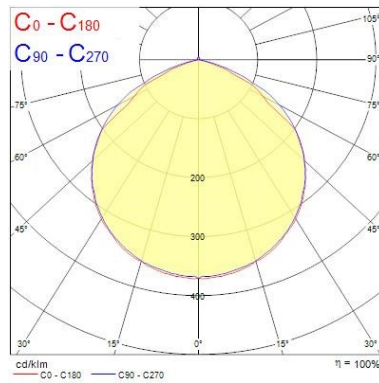
| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-40 |
|----------------------------------|--------|

PHOTOMETRY

| | | | |
|-----|--------------|--------------------------|--------------------|
| 0.5 | 1.52 1.43 | E(0°) E(C90) E(C0) | 4225 354 397 |
| 1.0 | 3.03 2.87 | E(0°) E(C90) E(C0) | 1056 88 99 |
| 1.5 | 4.55 4.30 | E(0°) E(C90) E(C0) | 459 39 44 |
| 2.0 | 6.07 5.73 | E(0°) E(C90) E(C0) | 264 22 25 |
| 2.5 | 7.59 7.17 | E(0°) E(C90) E(C0) | 169 14 16 |
| 3.0 | 9.10 8.60 | E(0°) E(C90) E(C0) | 117 10 11 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 110.2°)
— C90 - C270 (Half beam angle: 113.2°)



TECHNICAL DRAWINGS

