

Start Flood Flat IP65 4650LM 830 White

Item No: 0050119

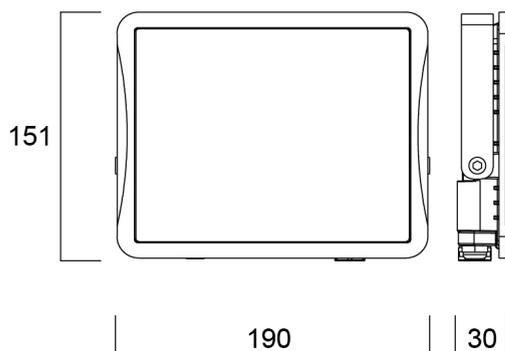
SYLVANIA



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. White (RAL9003) housing, white reflector, 4650 lm, 45 W, 103 lm/W, 3000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 151 x 190 x 30 mm (L x W x H). Weight: 0.74kg.

Technical Assets

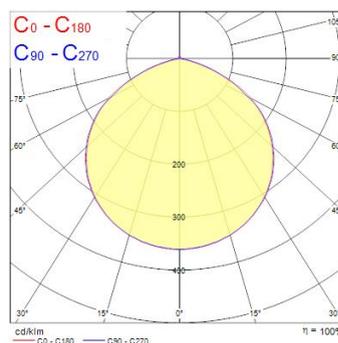
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [ft] | Illuminance [lx] |
|--------------|-------------------|-------------------|--------------------|------------------|
| 0.5 | 1.54 | E(0°) | 5.0' | 6716 |
| | 1.51 | E(C90) | 5.0' | 543 |
| 1.0 | 3.08 | E(0°) | 10.0' | 1679 |
| | 3.01 | E(C90) | 10.0' | 138 |
| 1.5 | 4.62 | E(0°) | 15.0' | 746 |
| | 4.52 | E(C90) | 15.0' | 83 |
| 2.0 | 6.16 | E(0°) | 20.0' | 423 |
| | 6.02 | E(C90) | 20.0' | 36 |
| 2.5 | 7.70 | E(0°) | 25.0' | 269 |
| | 7.53 | E(C90) | 25.0' | 22 |
| 3.0 | 9.24 | E(0°) | 30.0' | 197 |
| | 9.03 | E(C90) | 30.0' | 16 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 112.0°)
 — C90 - C270 (Half beam angle: 114.0°)



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General data

| | |
|----------------------------------|---|
| Product name | Start Flood Flat IP65 4650LM 830 White |
| Technology | LED |
| General application | Residential & Consumer |
| Operating temperature range (°C) | -20°C...+40°C |
| ETIM Class | EC001744 |
| E-number FI | 4579549 |
| Warranty | 3 years |

Optical data

| | |
|---------------------------------------|------------|
| Useful luminous flux (Φ_{use}) | 4650 |
| Fixture luminous flux (lm) | 4650 |
| Luminaire efficacy (lm/W) | 103 |
| Correlated 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) | 45 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.9 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 154 |
| Inrush Current (A) | 19.2 |
| Inrush Duration (μ s) | 420 |
| Energy Efficiency Class (A->G) of contained light source | F |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Low (6% - 20%) |
| Max. products per 10A C Breaker | 16 |
| Max. products per 13A C Breaker | 21 |
| Max. products per 16A C Breaker | 26 |
| Max. products per 20A C Breaker | 32 |
| Max. products per 10A B Breaker | 10 |
| Max. products per 13A B Breaker | 13 |
| Max. products per 16A B Breaker | 15 |
| Max. products per 20A B Breaker | 19 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 58000 |

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Physical data

| | |
|-----------------------------|-------|
| Housing colour | White |
| IP rating | IP65 |
| IK rating | IK06 |
| Nominal Product Length (mm) | 151 |
| Nominal Product Width (mm) | 190 |
| Nominal Product Height (mm) | 30 |
| Weight (kg) | 0.74 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288501192 |
| Packaging single length / height (cm) | 20.5 |
| Packaging single width (cm) | 4.5 |
| Packaging single depth (cm) | 18.0 |
| DUN14 (inner) | 15410288501199 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 30.0 |
| Packaging outer width (cm) | 20.2 |
| Packaging outer depth (cm) | 20.0 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -20-40 |