

# START eco Flood Flat IP54 PIR 900lm 840

Item No: 0047963

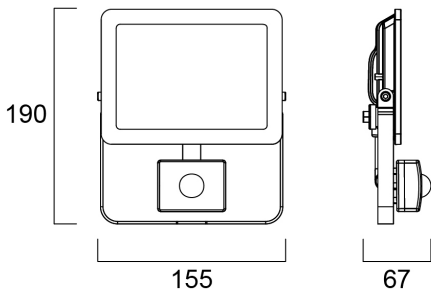
**SYLVANIA**



The new Start eco Flood Flat comes with improved design. The streamlined, durable, lightweight die-cast aluminium body makes it 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 die-cast aluminum housing, white reflector, 950 lm, 11 W, 86 lm/W, 4000K, drive current 38.6 mA, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lumen maintenance L70:B50: 30000 hrs, 156 x 178 x 67 mm (L x W x H). Weight: 0.61kg. PIR sensor included. Energy class: A++ A+ A.

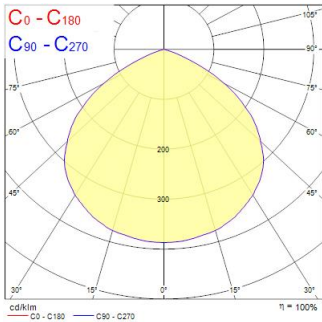
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance (m) | Cone diameter (m) | Beam diameter (m) | Beam diameter (ft) | Illuminance (lx) |
|--------------|-------------------|-------------------|--------------------|------------------|
| 0.5          | 1.47              | 0.57              | 59.3"              | 3599             |
| 1.0          | 2.93              | 1.14              | 118.6"             | 899              |
| 1.5          | 4.40              | 1.71              | 177.9"             | 466              |
| 2.0          | 5.86              | 2.28              | 236.2"             | 349              |
| 2.5          | 7.33              | 2.85              | 295.5"             | 279              |
| 3.0          | 8.80              | 3.42              | 354.8"             | 239              |



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## General data

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Product name                            | START eco Flood Flat IP54 PIR 900lm 840 |
| Technology                              | LED                                     |
| Housing                                 | Aluminium                               |
| Built in presence detector              | PIR                                     |
| General application                     | Residential & Consumer                  |
| Operating temperature range (°C)        | -20°C...+40°C                           |
| Performance ambient temperature Tq (°C) | 25                                      |
| ETIM Class                              | EC001744                                |
| E-number FI                             | 4579434                                 |
| Warranty                                | 3 years                                 |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 950           |
| Luminaire efficacy (lm/W)         | 86            |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Beam Angle (°)                    | 110           |
| Photobiological Risk Group        | RG1           |

## Electrical data

|                                                      |         |
|------------------------------------------------------|---------|
| Total power consumption (W)                          | 11      |
| Lamp power factor                                    | 0.85    |
| Electrical protection                                | Class I |
| Drive current (mA)                                   | 38.6    |
| Inrush Current (A)                                   | 7       |
| Inrush Duration (µs)                                 | 400     |
| Nominal Frequency (Hz)                               | 50/60Hz |
| Max. products per 10A C Breaker                      | 57      |
| Max. products per 13A C Breaker                      | 74      |
| Max. products per 16A C Breaker                      | 91      |
| Max. products per 20A C Breaker                      | 114     |
| Max. products per 10A B Breaker                      | 28      |
| Max. products per 13A B Breaker                      | 37      |
| Max. products per 16A B Breaker                      | 46      |
| Max. products per 20A B Breaker                      | 57      |
| Mains surge immunity (differential mode -> L-N) (kV) | 1       |
| Mains surge immunity (common mode -> L/N - GND) (kV) | 2       |

## Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 30000 |
|------------------|-------|

## Physical data

|                             |                          |
|-----------------------------|--------------------------|
| Housing colour              | RAL 9017 - Traffic black |
| IP rating                   | IP54                     |
| IK rating                   | IK05                     |
| Nominal Product Length (mm) | 156                      |
| Nominal Product Width (mm)  | 178                      |
| Nominal Product Height (mm) | 67                       |
| Weight (kg)                 | 0.61                     |
| Wind Area (m²)              | 0.014                    |

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## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288479637  |
| Packaging single length / height (cm) | 15.9           |
| Packaging single width (cm)           | 9.4            |
| Packaging single depth (cm)           | 19.0           |
| DUN14 (inner)                         | 15410288479634 |
| Units per outer package               | 8              |
| Packaging outer length / height (cm)  | 40.0           |
| Packaging outer width (cm)            | 33.7           |
| Packaging outer depth (cm)            | 22.3           |

## Safety data

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