

## Start Flood Flat without PIR

### Start Flood Flat IP65 1000LM 840 Black

### 0050106



#### 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, 1000 lm, 9 W, 111 lm/W, 4000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 100 x 105 x 23 mm (L x W x H). Weight: 0.32kg.



## PRODUCT OVERVIEW

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Product name                    | Start Flood Flat IP65 1000LM 840 Black         |
| Technology                      | LED                                            |
| Cap/Base                        | N/A                                            |
| Housing                         | Aluminium                                      |
| Mount                           | Wall surface mounted, Ceiling surface mounting |
| General application             | Residential & Consumer                         |
| E-number FI                     | 4579527                                        |
| Warranty                        | 3 years                                        |
| Fixture luminous flux (lm)      | 1000                                           |
| Luminaire efficacy (lm/W)       | 111                                            |
| Colour temperature (K)          | 4000                                           |
| Light colour                    | Neutral White                                  |
| Colour Variation Initial (SDCM) | SDCM5                                          |
| Beam Angle (°)                  | 110                                            |
| Photobiological Risk Group      | RG1                                            |
| Total power consumption (W)     | 9                                              |
| Electrical protection           | Class I                                        |
| Control gear type               | LED driver constant current                    |
| Dimmable                        | No                                             |
| Dimming method                  | N/A                                            |
| LED Flickering Rate             | Low (6% - 20%)                                 |
| Housing colour                  | Black                                          |
| IP rating                       | IP65                                           |
| IK rating                       | IK06                                           |
| Product EAN number              | 5410288501062                                  |

## DATA TABLE

### General data

|              |                                        |
|--------------|----------------------------------------|
| Product name | Start Flood Flat IP65 1000LM 840 Black |
| Technology   | LED                                    |
| Cap/Base     | N/A                                    |
| Housing      | Aluminium                              |

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|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Mount                            | Wall surface mounted, Ceiling surface mounting |
| General application              | Residential & Consumer                         |
| Operating temperature range (°C) | -20°C...+40°C                                  |
| E-number FI                      | 4579527                                        |
| Warranty                         | 3 years                                        |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 1000          |
| Luminaire efficacy (lm/W)       | 111           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| Colour Variation Initial (SDCM) | SDCM5         |
| Beam Angle (°)                  | 110           |
| Distribution type               | Symmetric     |
| Photobiological Risk Group      | RG1           |

### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 9                           |
| Mains voltage (V)                                              | 220-240V                    |
| Lamp power factor                                              | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 20                          |
| Electrical protection                                          | Class I                     |
| Control gear type                                              | LED driver constant current |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Inrush Current (A)                                             | 18                          |
| 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                              | 17                          |
| Max. Luminaires per 13A C Breaker                              | 22                          |
| Max. Luminaires per 10A B Breaker                              | 10                          |
| Max. Luminaires per 16A B Breaker                              | 17                          |
| Max. Luminaires per 20A B Breaker                              | 21                          |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B50 | 85000 |
| Lifespan L80 B20 | 54000 |

### Physical data

|                   |                       |
|-------------------|-----------------------|
| Housing colour    | Black                 |
| IP rating         | IP65                  |
| IK rating         | IK06                  |
| Diffuser finish   | Transparent           |
| Diffuser material | Safety tempered glass |
| Reflector finish  | White                 |

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|                             |      |
|-----------------------------|------|
| Nominal Product Length (mm) | 100  |
| Nominal Product Width (mm)  | 105  |
| Weight (kg)                 | 0.32 |

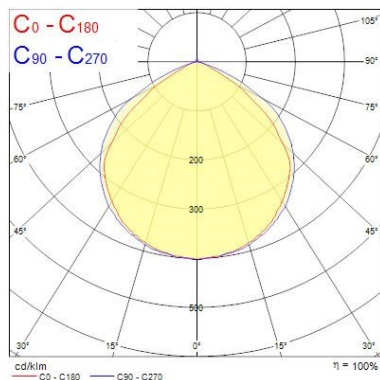
### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288501062 |
| Packaging single length / height (cm) | 13.0          |
| Packaging single width (cm)           | 5.5           |
| Packaging single depth (cm)           | 15.5          |
| Units per outer package               | 6             |
| Packaging outer width (cm)            | 14.5          |
| Packaging outer depth (cm)            | 17.5          |

### Safety data

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

## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5          | 1.48<br>1.22      | 55.0°<br>50.0° | 1610<br>141      |
| 1.0          | 2.97<br>2.43      | 55.0°<br>50.0° | 402<br>35        |
| 1.5          | 4.45<br>3.65      | 55.0°<br>50.0° | 179<br>15        |
| 2.0          | 5.93<br>4.87      | 55.0°<br>50.0° | 131<br>9         |
| 2.5          | 7.41<br>6.09      | 55.0°<br>50.0° | 84<br>6          |
| 3.0          | 8.90<br>7.30      | 55.0°<br>50.0° | 45<br>4          |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 101.2°)  
C90 - C270 (Half beam angle: 112.0°)

## TECHNICAL DRAWINGS

