

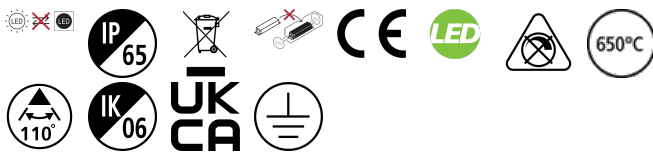
## Start Flood Flat without PIR

Start Flood Flat IP65 2850LM 830 Black  
0050113



### 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, 27 W, 106 lm/W, 3000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 123 x 156 x 28 mm (L x W x H). Weight: 0.51kg.



### NOTES

undefined

### PRODUCT OVERVIEW

Product name	Start Flood Flat IP65 2850LM 830 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579530
Warranty	3 years
Fixture luminous flux (lm)	2850
Luminaire efficacy (lm/W)	106
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)	27
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK06
Product EAN number	5410288501130

### DATA TABLE

#### General data

Product name	Start Flood Flat IP65 2850LM 830 Black
Technology	LED

## Start Flood Flat without PIR

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General application	Residential & Consumer
Operating temperature range (°C)	-20°C - 40°C
ETIM Class	EC001744
E-number FI	4579530
Warranty	3 years

### Optical data

Fixture luminous flux (lm)	2850
Luminaire efficacy (lm/W)	106
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)	27
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Drive current (mA)	60
Inrush Current (A)	19.6
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	16
Max. Luminaires per 13A C Breaker	20
Max. Luminaires per 16A C Breaker	26
Max. Luminaires per 20A C Breaker	32
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	15
Max. Luminaires per 20A B Breaker	19

### Lifetime data

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

### Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK06
Nominal Product Length (mm)	123

## Start Flood Flat without PIR

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Nominal Product Width (mm)	156
Nominal Product Height (mm)	28
Weight (kg)	0.51

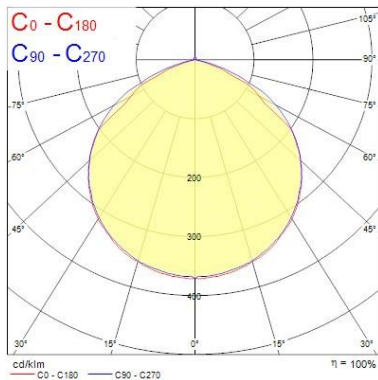
### Packaging

Single packaging type	Carton
Product EAN number	5410288501130
Packaging single length / height (cm)	16.5
Packaging single width (cm)	4.5
Packaging single depth (cm)	17.5
DUN14 (outer)	15410288501137
Units per outer package	6
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	19.5

### Safety data

Optimal operating condition (°C)	-20-40
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> (C90) [lx]	E <sub>2</sub> (C0) [lx]
0.5	1.52 1.43	4225	354	357
1.0	3.03 2.87	1056	88	89
1.5	4.55 4.30	469	39	44
2.0	6.07 5.73	284	22	25
2.5	7.59 7.17	189	14	16
3.0	9.10 8.60	117	10	11

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

C<sub>0</sub> - C<sub>180</sub> (Half beam angle: 110.2°)  
 C<sub>90</sub> - C<sub>270</sub> (Half beam angle: 113.2°)

## TECHNICAL DRAWINGS

