



### 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, 1850 lm, 18 W, 103 lm/W, 3000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 110 x 123 x 26 mm (L x W x H). Weight: 0.39kg.

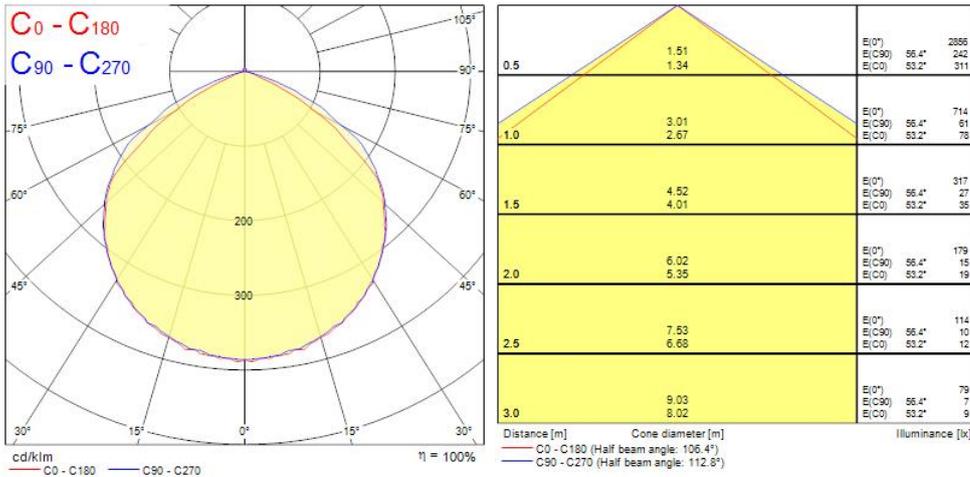
### Product Overview

Product name	Start Flood Flat IP65 1850LM 830 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579528
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	103
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	18
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black

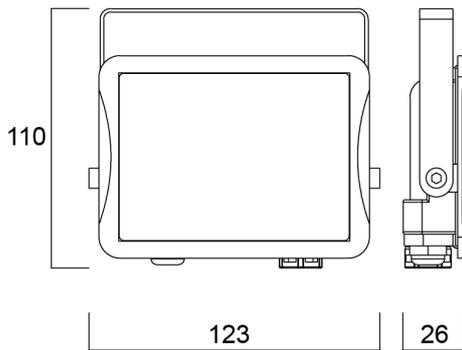
## Start Flood Flat IP65 1850LM 830 Black 0050109

IP rating	IP65
IK rating	IK06
Product EAN number	5410288501093
Warranty	3 years
Dimming method	N/A

### Photometry



### Technical drawings



## Start Flood Flat IP65 1850LM 830 Black 0050109

### Data table

#### GENERAL DATA

Product name	Start Flood Flat IP65 1850LM 830 Black
Technology	LED
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579528
Warranty	3 years

#### OPTICAL DATA

Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	103
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	110
Photobiological Risk Group	RG1

#### ELECTRICAL DATA

Total power consumption (W)	18
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class I
Control gear required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	38
Inrush Current (A)	19.4
Inrush Duration (µs)	200

## Start Flood Flat IP65 1850LM 830 Black 0050109

Energy Efficiency Class (A->G) of contained light source	E
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	12
Max. products per 16A B Breaker	15
Max. products per 20A B Breaker	19

### 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
Nominal Product Length (mm)	110
Nominal Product Width (mm)	123
Nominal Product Height (mm)	26
Weight (kg)	0.32

### PACKAGING

Product EAN number	5410288501093
Packaging single length / height (cm)	13.0
Packaging single width (cm)	5.5
Packaging single depth (cm)	15.5
DUN14 (inner)	15410288501090
Units per outer package	6

## Start Flood Flat IP65 1850LM 830 Black 0050109

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Packaging outer length / height (cm)	36.0
Packaging outer width (cm)	14.5
Packaging outer depth (cm)	17.5

### SAFETY DATA

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Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No