

## START eco Flood Flat PIR

START eco Flood Flat IP54 PIR 2800lm 830

0047966



### Product features

- 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, 2700 lm, 31 W, 87 lm/W, 3000K, drive current 116 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.



### PRODUCT OVERVIEW

IPC Code	0047966
Product name	START eco Flood Flat IP54 PIR 2800lm 830
Technology	LED
Housing	ADC12
General application	Residential & Consumer
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579428
Fixture luminous flux (lm)	2700
Luminaire efficacy (lm/W)	87
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	31
Electrical protection	Class I
Housing colour	RAL9017
IP rating	IP54
IK rating	IK05
Product EAN number	5410288479668
Lamps	No

### DATA TABLE

#### General data

IPC Code	0047966
Product name	START eco Flood Flat IP54 PIR 2800lm 830
Technology	LED
Housing	ADC12
General application	Residential & Consumer
Operating temperature range (°C)	-20°C~+40°C
Certifications	EUNEW005
ETIM Class	EC001744

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E-number FI	4579428
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### Optical data

Fixture luminous flux (lm)	2700
Luminaire efficacy (lm/W)	87
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	31
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	116
Inrush Current (A)	13.6
Inrush Duration (µs)	400
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	28
Max. Luminaires per 13A C Breaker	38
Max. Luminaires per 16A C Breaker	47
Max. Luminaires per 20A C Breaker	58
Max. Luminaires per 10A B Breaker	14
Max. Luminaires per 13A B Breaker	19
Max. Luminaires per 16A B Breaker	23
Max. Luminaires per 20A B Breaker	29

### Lifetime data

Lumen maintenance - L70 B50	30000
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### Physical data

Housing colour	RAL9017
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 (m <sup>2</sup> )	0.038

### Packaging

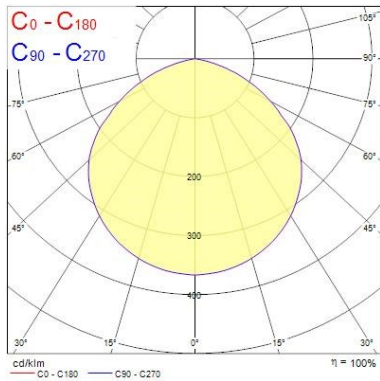
Single packaging type	Carton
Product EAN number	5410288479668
Packaging single length / height (cm)	15.9
Packaging single width (cm)	9.4
Packaging single depth (cm)	19.0
DUN14 (outer)	15410288479665

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Units per outer package	8
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	33.7
Packaging outer depth (cm)	22.3

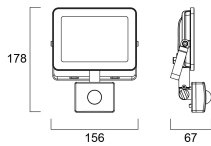
### PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	1.47	999	385	55.7°
1.0	2.93	990	38	55.7°
1.5	4.40	440	39	55.7°
2.0	5.86	247	22	55.7°
2.5	7.33	155	14	55.7°
3.0	8.80	110	10	55.7°

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 111.4°)

### TECHNICAL DRAWINGS



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