

## START eco Flood Flat PIR

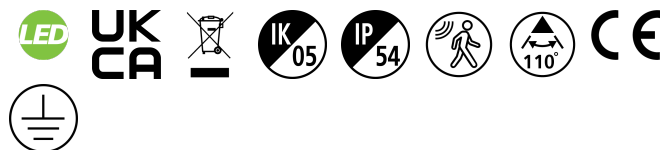
START eco Flood Flat IP54 PIR 4500lm 830

0047970



### 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, 4500 lm, 51 W, 88 lm/W, 3000K, drive current 193 mA, non dimmable, CRI>80, IP54, IK07 - fixture, IK05 - sensor, Class I, lumen maintenance L70:B50: 30000 hrs, 193 x 216 x 70 mm (L x W x H). Weight: 0.85kg. PIR sensor included. Energy class: A++ A+ A.



### PRODUCT OVERVIEW

Product name	START eco Flood Flat IP54 PIR 4500lm 830
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579430
Warranty	3 years
Useful luminous flux (Fuse)	4500
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	88
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	51
Electrical protection	Class I
Housing colour	RAL 9017 - Traffic black
IP rating	IP54
IK rating	IK05
Product EAN number	5410288479705

### DATA TABLE

#### General data

Product name	START eco Flood Flat IP54 PIR 4500lm 830
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25

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Warranty	3 years

### Optical data

Useful luminous flux (Fuse)	4500
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	88
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	51
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	193
Inrush Current (A)	19.8
Inrush Duration (µs)	590
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 13A C Breaker	18
Max. products per 16A C Breaker	22
Max. products per 20A C Breaker	27
Max. products per 10A B Breaker	6
Max. products per 13A B Breaker	9
Max. products per 16A B Breaker	11
Max. products per 20A B Breaker	14
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
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### Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP54
IK rating	IK05
Nominal Product Length (mm)	193
Nominal Product Width (mm)	216
Nominal Product Height (mm)	70
Weight (kg)	0.85
Wind Area (m <sup>2</sup> )	0.049

### Packaging

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Product EAN number	5410288479705
Packaging single length / height (cm)	19.6
Packaging single width (cm)	9.6
Packaging single depth (cm)	21.8
DUN14 (outer)	15410288479702
Units per outer package	5
Packaging outer length / height (cm)	50.2
Packaging outer width (cm)	21.6
Packaging outer depth (cm)	25.1

### Safety data

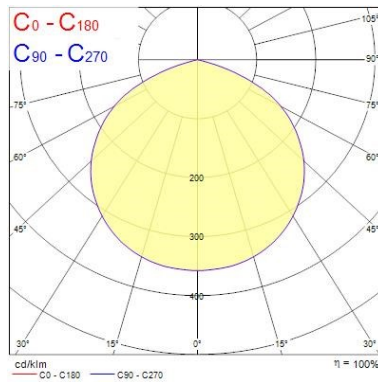
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E (l <sup>0</sup> ) E (l <sup>90</sup> )	830 472
0.5	1.61	1609 118	
1.0	3.23	718 52	
1.5	4.84	402 30	
2.0	6.45	257 19	
2.5	8.06	179 13	
3.0	9.68		

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

— C0 - C180 (Half beam angle: 116.4°)



## TECHNICAL DRAWINGS

