

Start Flood Flat IP54 PIR 4650LM 830 White

Item No: 0050143

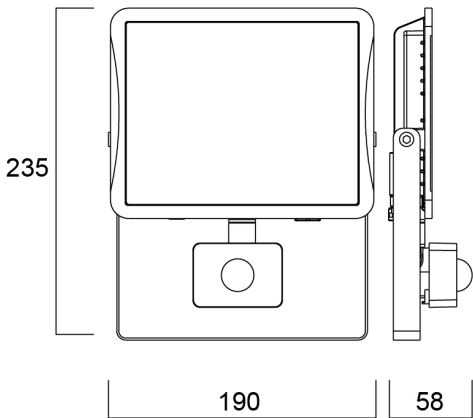
SYLVANIA



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. White (RAL9003) housing, white reflector, 4650 lm, 46 W, 101 lm/W, 3000K, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lifespan L70:B50: 90000 hrs, 235 x 190 x 58 mm (L x W x H). Weight: 0.8kg. PIR sensor included.

Technical Assets

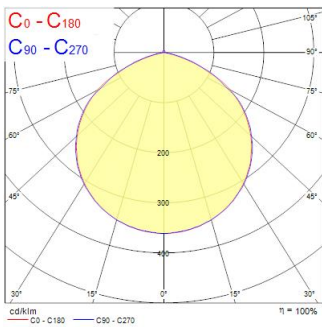
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [sq ft]
0.5	1.54	1.51	1.54	1.88	20.4	2.2
1.0	3.08	3.01	3.08	7.54	81.6	8.8
1.5	4.62	4.52	4.62	11.31	122.4	13.2
2.0	6.16	6.02	6.16	15.08	163.2	17.6
2.5	7.70	7.53	7.70	18.85	204.0	22.0
3.0	9.24	9.03	9.24	22.62	244.8	26.4

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 112.8°)
C90 - C270 (Half beam angle: 114.0°)



Start Flood Flat IP54 PIR 4650LM 830 White

Item No: 0050143



General data

Product name	Start Flood Flat IP54 PIR 4650LM 830 White
Technology	LED
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579553
Warranty	3 years

Optical data

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	101
Correlated 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)	46
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	154
Inrush Current (A)	20.6
Inrush Duration (µs)	500
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	15
Max. products per 13A C Breaker	19
Max. products per 16A C Breaker	25
Max. products per 20A C Breaker	30
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	12
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	18

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	90000
Lifespan L80 B20	58000

Physical data

Housing colour	White
IP rating	IP54
IK rating	IK06
IK rating of sensor	IK05
Nominal Product Length (mm)	235
Nominal Product Width (mm)	190
Nominal Product Height (mm)	58
Weight (kg)	0.8

Start Flood Flat IP54 PIR 4650LM 830 White

Item No: 0050143



Packaging

Product EAN number	5410288501437
Packaging single length / height (cm)	19.5
Packaging single width (cm)	6.0
Packaging single depth (cm)	24.3
DUN14 (inner)	15410288501434
Units per outer package	6
Packaging outer length / height (cm)	38.8
Packaging outer width (cm)	20.8
Packaging outer depth (cm)	26.1

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40