

Start Flood Flat IP54 PIR 5000LM 840 Black

Item No: 0050142

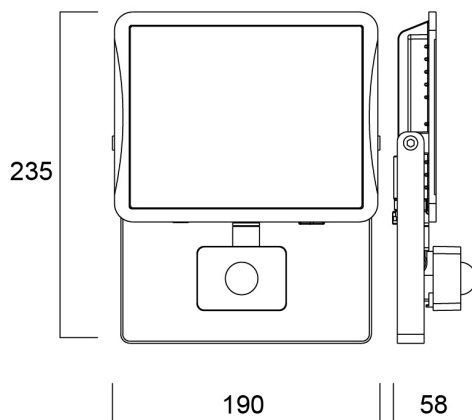
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The streamlined, durable, lightweight die-cast aluminium body makes Start Flood Flat a perfect choice for building facades, car parks, garages and construction areas. The product includes 1 m pre-wired stripped cable and fitting bracket for quick and easy installation and the universal mounting bracket allows wall or surface mounting with the possibility of vertical tilting. Black (RAL9017) housing, white reflector, 5000 lm, 46 W, 109 lm/W, 4000K, 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

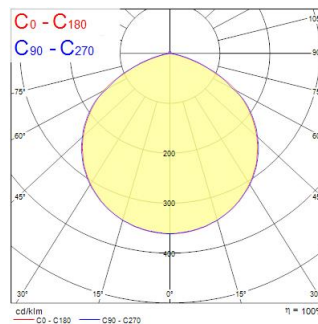
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.54 1.51	0.77 0.76	7222 864 854
1.0	3.08 3.01	1.54 1.51	1806 146 145
1.5	4.62 4.52	2.31 2.26	802 80 80
2.0	6.16 6.02	3.08 3.01	481 48 48
2.5	7.70 7.53	3.85 3.76	289 29 29
3.0	9.24 9.03	4.62 4.51	201 18 17

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 112.0°)
 — C90 - C270 (Half beam angle: 114.0°)



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General data

Product name	Start Flood Flat IP54 PIR 5000LM 840 Black
Technology	LED
Cap/Base	N/A
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579544
Warranty	3 years

Optical data

Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	109
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	46
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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

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Physical data

Housing colour	Black
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

Packaging

Product EAN number	5410288501420
Packaging single length / height (cm)	19.5
Packaging single width (cm)	6.0
Packaging single depth (cm)	24.3
DUN14 (inner)	15410288501427
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