

Start Flood Flat PIR

Start Flood Flat IP54 PIR 5000LM 840 Black
0050142



Product 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, 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.



PRODUCT OVERVIEW

Product name	Start Flood Flat IP54 PIR 5000LM 840 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579544
Warranty	3 years
Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	46
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP54
IK rating	IK06
Product EAN number	5410288501420
Included lamp	SAX0000A_0000

DATA TABLE

General data

Product name	Start Flood Flat IP54 PIR 5000LM 840 Black
Technology	LED
General application	Residential & Consumer
Operating temperature range (°C)	-20°C - 40°C
ETIM Class	EC001744

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E-number FI	4579544
Warranty	3 years

Optical data

Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	109
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
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Drive current (mA)	154
Inrush Current (A)	20.6
Inrush Duration (µs)	500
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	15
Max. Luminaires per 13A C Breaker	19
Max. Luminaires per 16A C Breaker	25
Max. Luminaires per 20A C Breaker	30
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	14
Max. Luminaires per 20A B Breaker	18

Lifetime data

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

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

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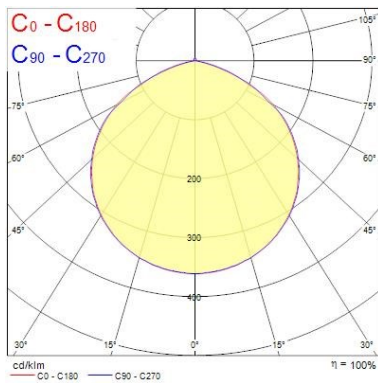
Packaging

Single packaging type	Carton
Product EAN number	5410288501420
Packaging single length / height (cm)	19.5
Packaging single width (cm)	6.0
Packaging single depth (cm)	24.3
DUN14 (outer)	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

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



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	1.54 1.51	7232	554	514
1.0	3.08 3.01	1808	136	123
1.5	4.62 4.52	802	68	65
2.0	6.16 6.02	421	35	33
2.5	7.70 7.53	289	23	22
3.0	9.24 9.03	201	16	17

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 112.9°)
 C90 - C270 (Half beam angle: 114.0°)

TECHNICAL DRAWINGS

