

Start Flood Flat PIR

Start Flood Flat IP54 PIR 2000LM 840 Black
0050134



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, 2000 lm, 19 W, 105 lm/W, 4000K, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lifespan L70:B50: 90000 hrs, 190 x 123 x 52 mm (L x W x H). Weight: 0.475kg. PIR sensor included.



PRODUCT OVERVIEW

Product name	Start Flood Flat IP54 PIR 2000LM 840 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579540
Warranty	3 years
Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	105
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)	19.0
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP54
IK rating	IK06
Product EAN number	5410288501345

DATA TABLE

General data

Product name	Start Flood Flat IP54 PIR 2000LM 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	4579540
Warranty	3 years

Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	105
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)	19.0
Mains voltage (V)	220-240V
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	38
Inrush Current (A)	19.8
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	15
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	25
Max. Luminaires per 20A C Breaker	32
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	15
Max. Luminaires per 20A B Breaker	19

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	85000
Lifespan L80 B20	54000

Physical data

Housing colour	Black
IP rating	IP54
IK rating	IK06
IK rating of sensor	IK05
Nominal Product Length (mm)	190
Nominal Product Width (mm)	123

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Nominal Product Height (mm)	52
Weight (kg)	0.475

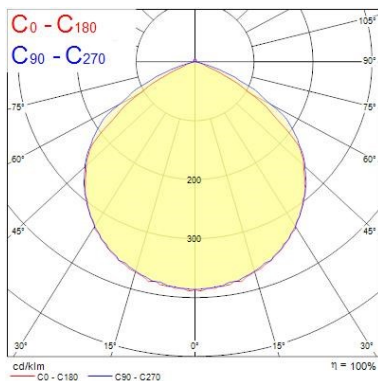
Packaging

Single packaging type	Carton
Product EAN number	5410288501345
Packaging single length / height (cm)	13.0
Packaging single width (cm)	6.0
Packaging single depth (cm)	20.0
DUN14 (outer)	15410288501342
Units per outer package	6
Packaging outer length / height (cm)	39.0
Packaging outer width (cm)	14.5
Packaging outer depth (cm)	22.0

Safety data

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



Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{10%} [lx]	E _{5%} [lx]
0.5	1.51 1.34	3088	282	236
1.0	3.01 2.67	772	68	54
1.5	4.52 4.01	343	29	21
2.0	6.02 5.35	193	16	11
2.5	7.53 6.68	124	10	7
3.0	9.03 8.02	86	7	5

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 106.4°)
 C90 - C270 (Half beam angle: 112.8°)

TECHNICAL DRAWINGS

