

Start Flood Flat PIR

Start Flood Flat IP54 PIR 4650LM 830 Black
0050141



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, 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.



PRODUCT OVERVIEW

Product name	Start Flood Flat IP54 PIR 4650LM 830 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579543
Warranty	3 years
Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	101
Colour temperature (K)	3000
Light colour	Warm 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
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP54
IK rating	IK06
Product EAN number	5410288501413

DATA TABLE

General data

Product name	Start Flood Flat IP54 PIR 4650LM 830 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	4579543
Warranty	3 years

Optical data

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	101
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
Mains voltage (V)	220-240V
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
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
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

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Nominal Product Height (mm)	58
Weight (kg)	0.8

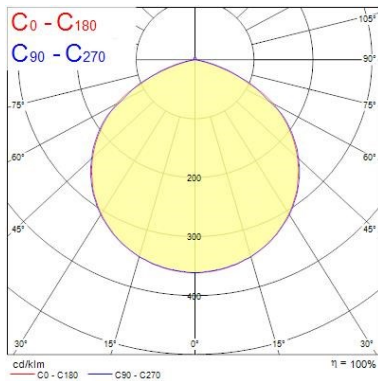
Packaging

Single packaging type	Carton
Product EAN number	5410288501413
Packaging single length / height (cm)	19.5
Packaging single width (cm)	6.0
Packaging single depth (cm)	24.3
DUN14 (outer)	15410288501410
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 _{10%} [lx]	E _{5%} [lx]	E _{1%} [lx]
0.5	1.54 1.51	6716	543	571	571
1.0	3.08 3.01	1679	136	142	142
1.5	4.62 4.52	746	60	62	62
2.0	6.16 6.02	420	34	36	36
2.5	7.70 7.53	269	22	23	23
3.0	9.24 9.03	187	15	16	16

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

Illuminance [lx]

TECHNICAL DRAWINGS

