

Start Flood Flat without PIR

Start Flood Flat IP65 4650LM 830 Black
0050117



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, 45 W, 103 lm/W, 3000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 151 x 190 x 30 mm (L x W x H). Weight: 0.74kg.



PRODUCT OVERVIEW

Product name	Start Flood Flat IP65 4650LM 830 Black
Technology	LED
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579532
Warranty	3 years
Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	103
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)	45
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK06
Product EAN number	5410288501178

DATA TABLE

General data

Product name	Start Flood Flat IP65 4650LM 830 Black
Technology	LED
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579532

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Warranty	3 years
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Optical data

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	103
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)	45
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)	19.2
Inrush Duration (µs)	420
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	16
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	26
Max. Luminaires per 20A C Breaker	32
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	15
Max. Luminaires per 20A B Breaker	19

Lifetime data

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

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK06
Nominal Product Length (mm)	151
Nominal Product Width (mm)	190
Nominal Product Height (mm)	30
Weight (kg)	0.74

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Packaging

Single packaging type	Carton
Product EAN number	5410288501178
Packaging single length / height (cm)	20.5
Packaging single width (cm)	4.5
Packaging single depth (cm)	18.0
DUN14 (outer)	15410288501175
Units per outer package	6
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	20.2
Packaging outer depth (cm)	20.0

Safety data

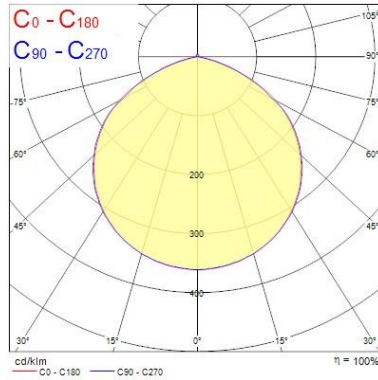
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.54 1.51	8716	543	471
1.0	3.08 3.01	1879	136	143
1.5	4.62 4.52	746	80	83
2.0	6.16 6.02	420	54	56
2.5	7.70 7.53	269	34	33
3.0	9.24 9.03	167	18	18

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 112.8°)
— C90 - C270 (Half beam angle: 114.0°)



TECHNICAL DRAWINGS

