

START eco Flood Flat PIR

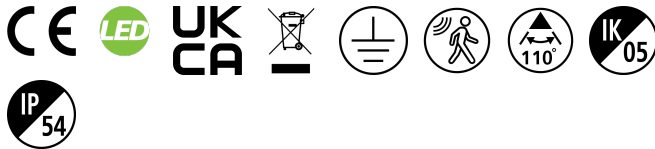
START eco Flood Flat IP54 PIR 4500lm 840

0047971



Product features

- The new Start eco Flood Flat comes with improved design. The streamlined, durable, lightweight die-cast aluminium body makes it 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 die-cast aluminum housing, white reflector, 4750 lm, 51 W, 93 lm/W, 4000K, drive current 193 mA, non dimmable, CRI>80, IP54, IK07 - fixture, IK05 - sensor, Class I, lumen maintenance L70:B50: 30000 hrs, 193 x 216 x 70 mm (L x W x H). Weight: 0.85kg. PIR sensor included. Energy class: A++ A+ A.



PRODUCT OVERVIEW

Product name	START eco Flood Flat IP54 PIR 4500lm 840
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579438
Warranty	3 years
Useful luminous flux (Fuse)	4750
Fixture luminous flux (lm)	4750
Luminaire efficacy (lm/W)	93
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	51
Electrical protection	Class I
Housing colour	RAL 9017 - Traffic black
IP rating	IP54
IK rating	IK05
Product EAN number	5410288479712

DATA TABLE

General data

Product name	START eco Flood Flat IP54 PIR 4500lm 840
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25

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Optical data

Useful luminous flux (Fuse)	4750
Fixture luminous flux (lm)	4750
Luminaire efficacy (lm/W)	93
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	51
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	193
Inrush Current (A)	19.8
Inrush Duration (µs)	590
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 13A C Breaker	18
Max. products per 16A C Breaker	22
Max. products per 20A C Breaker	27
Max. products per 10A B Breaker	6
Max. products per 13A B Breaker	9
Max. products per 16A B Breaker	11
Max. products per 20A B Breaker	14
Mains surge immunity (differential mode - > L-N) (kV)	1
Mains surge immunity (common mode -> L/N - GND) (kV)	2

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP54
IK rating	IK05
Nominal Product Length (mm)	193
Nominal Product Width (mm)	216
Nominal Product Height (mm)	70
Weight (kg)	0.85
Wind Area (m²)	0.049

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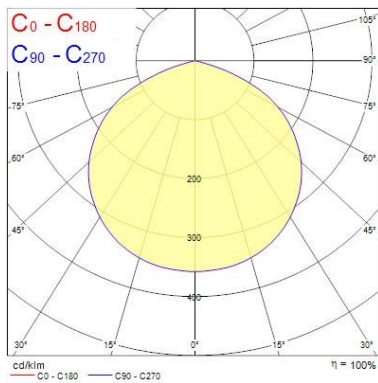
Packaging

Product EAN number	5410288479712
Packaging single length / height (cm)	19.6
Packaging single width (cm)	9.6
Packaging single depth (cm)	21.8
DUN14 (outer)	15410288479719
Units per outer package	5
Packaging outer length / height (cm)	50.2
Packaging outer width (cm)	21.6
Packaging outer depth (cm)	25.1

Safety data

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(90°) E(C90)	Illuminance [lx]
0.5	1.61	6790	496	58.2*
1.0	3.23	1698	125	58.2*
1.5	4.84	758	55	58.2*
2.0	6.45	435	31	58.2*
2.5	8.06	272	20	58.2*
3.0	9.68	189	14	58.2*

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 116.4°)

TECHNICAL DRAWINGS

