



Features

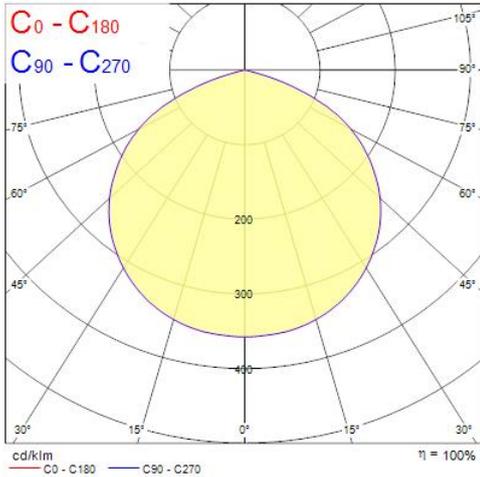
• The new Start eco Flood Flat comes with improved design. The streamlined, durable, lightweight die-cast aluminium body makes it a perfect choice for building facades, car parks, garages and construction areas. The product includes 1 m pre-wired stripped cable and fitting bracket for quick and easy 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
E-number FI	4579438
Fixture luminous flux (lm)	4750
Luminaire efficacy (lm/W)	93
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
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
Warranty	3 years

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Photometry

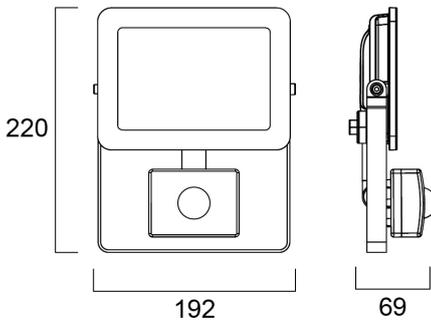


Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	1.61	6793	498
1.0	3.23	1698	125
1.5	4.84	765	65
2.0	6.45	425	31
2.5	8.06	272	20
3.0	9.68	189	14

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

— C0 - C180 (Half beam angle: 116.4°)

Technical drawings



Data table

GENERAL DATA

Product name

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Technology	LED
Housing	Aluminium
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
E-number FI	4579438
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	4750
Luminaire efficacy (lm/W)	93
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	51
Lamp power factor	0.9
Electrical protection	Class I
Control gear required	No
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 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
Weight (kg)	0.85

PACKAGING

Single packaging type	Carton
Product EAN number	5410288479712
Packaging single width (cm)	9.6
Packaging single depth (cm)	21.8
DUN14 (outer)	15410288479719
Packaging outer length / height (cm)	50.2

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No