START eco Flood Flat IP65 4500lm 840

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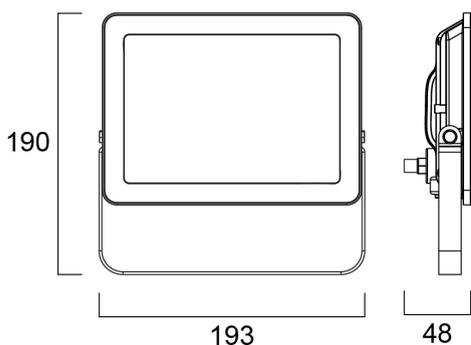
SYLVANIA

IP65 · CE · IK07 · UKCA · 110°
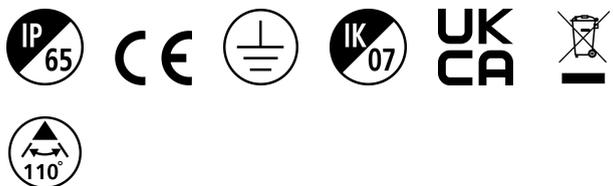
The new Start eco Flood Flat comes with improved design. The streamlined, durable, lightweight die-cast aluminium body makes it a perfect choice for building facades, car parks, garages and construction areas. The product includes 1 m pre-wired stripped cable and fitting bracket for quick and easy installation 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, 50 W, 95 lm/W, 4000K, drive current 193 mA, non dimmable, CRI>80, IP65, IK07, Class I, lumen maintenance L70:B50: 30000 hrs, 193 x 190 x 48 mm (L x W x H). Weight: 0.785kg. Energy class: A++ A+ A.
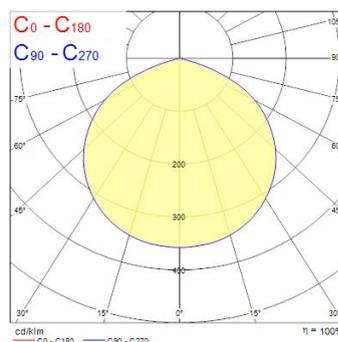
Technical Assets

Dimensions (mm)

190

193

48

Photometrics

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.61	E(0°) 58.2°	6790 / 498
1.0	3.23	E(0°) 58.2°	1698 / 125
1.5	4.84	E(0°) 58.2°	755 / 55
2.0	6.45	E(0°) 58.2°	425 / 31
2.5	8.06	E(0°) 58.2°	272 / 20
3.0	9.68	E(0°) 58.2°	189 / 14

— C0 - C180 (Half beam angle: 116.4°)

$C_0 - C_{180}$
$C_{90} - C_{270}$

cd/klm   η = 100%
— C0 - C180 — C90 - C270

General data

Product name	START eco Flood Flat IP65 4500lm 840
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4579437
Warranty	3 years

Optical data

Useful luminous flux (Φuse)	4750
Fixture luminous flux (lm)	4750
Luminaire efficacy (lm/W)	95
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)	50
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

Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK07
Nominal Product Length (mm)	193
Nominal Product Width (mm)	190
Nominal Product Height (mm)	48
Weight (kg)	0.785
Wind Area (m²)	0.036

Packaging

Product EAN number	5410288479699
Packaging single length / height (cm)	19.5
Packaging single width (cm)	6.0
Packaging single depth (cm)	15.7
DUN14 (inner)	15410288479696
Units per outer package	5
Packaging outer length / height (cm)	32.5
Packaging outer width (cm)	21.5
Packaging outer depth (cm)	19.0

Safety data

Optimal operating condition (°C)	-20-40