

START eco Flood Flat

START eco Flood Flat IP65 9000lm 840
0047977



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, 9500 lm, 100 W, 95 lm/W, 4000K, drive current 386 mA, non dimmable, CRI>80, IP65, IK07, Class I, lumen maintenance L70:B50: 30000 hrs, 283 x 263 x 44 mm (L x W x H). Weight: 1.775kg. Energy class: A++ A+ A.



PRODUCT OVERVIEW

Product name	START eco Flood Flat IP65 9000lm 840
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579440
Warranty	3 years
Useful luminous flux (Fuse)	9500
Fixture luminous flux (lm)	9500
Luminaire efficacy (lm/W)	95
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	100
Electrical protection	Class I
Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK07
Product EAN number	5410288479774

DATA TABLE

General data

Product name	START eco Flood Flat IP65 9000lm 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	4579440

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Warranty	3 years
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Optical data

Useful luminous flux (Fuse)	9500
Fixture luminous flux (lm)	9500
Luminaire efficacy (lm/W)	95
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	110
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	100
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	386
Inrush Current (A)	25.6
Inrush Duration (µs)	590
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	10
Max. products per 13A C Breaker	13
Max. products per 16A C Breaker	17
Max. products per 20A C Breaker	21
Max. products per 10A B Breaker	5
Max. products per 13A B Breaker	6
Max. products per 16A B Breaker	8
Max. products per 20A B Breaker	10
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	IP65
IK rating	IK07
Nominal Product Length (mm)	283
Nominal Product Width (mm)	263
Nominal Product Height (mm)	44
Weight (kg)	1.775
Wind Area (m ²)	0.084

Packaging

Product EAN number	5410288479774
Packaging single length / height (cm)	31.5

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Packaging single width (cm)	7.4
Packaging single depth (cm)	23.6
DUN14 (outer)	15410288479771
Units per outer package	5
Packaging outer length / height (cm)	39.5
Packaging outer width (cm)	33.4
Packaging outer depth (cm)	26.9

Safety data

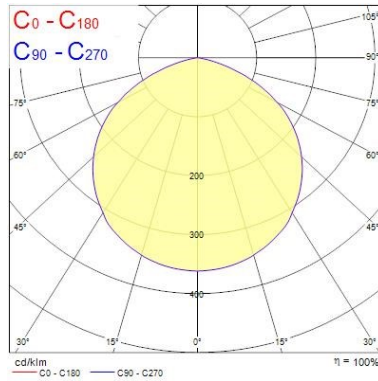
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

0.5	1.54	E(0°) E(C0)	10748 1113
1.0	3.08	E(0°) E(C0)	3437 278
1.5	4.62	E(0°) E(C0)	1528 124
2.0	6.16	E(0°) E(C0)	859 70
2.5	7.70	E(0°) E(C0)	550 45
3.0	9.24	E(0°) E(C0)	352 31

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

— C0 - C180 (Half beam angle: 114.0°)



TECHNICAL DRAWINGS

