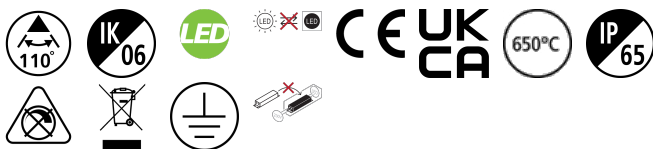


Start Flood Flat without PIR
Start Flood Flat IP65 1000LM 840 Black
0050106



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, 1000 lm, 9 W, 111 lm/W, 4000K, non dimmable, CRI>80, IP65, IK06, Class I, lifespan L70:B50: 90000 hrs, 100 x 105 x 23 mm (L x W x H). Weight: 0.32kg.



PRODUCT OVERVIEW

Product name	Start Flood Flat IP65 1000LM 840 Black
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Wall surface mounted, Ceiling surface mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579527
Warranty	3 years
Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK06
Product EAN number	5410288501062

DATA TABLE

General data	
Product name	Start Flood Flat IP65 1000LM 840 Black
Technology	LED

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Cap/Base	N/A
Housing	Aluminium
Mount	Wall surface mounted, Ceiling surface mounting
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579527
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	19
Inrush Current (A)	18
Inrush Duration (µs)	125
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	17
Max. products per 13A C Breaker	22
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	34
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	17
Max. products per 20A B Breaker	21
Connectable conductor cross section - Min (mm²)	0.5

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Connectable conductor cross section - 1.5
Max (mm²)

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	85000
Lifespan L80 B20	54000

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK06
Diffuser finish	Transparent
Diffuser material	Safety tempered glass
Reflector finish	White
Nominal Product Length (mm)	100
Nominal Product Width (mm)	105
Nominal Product Height (mm)	23
Weight (kg)	0.32

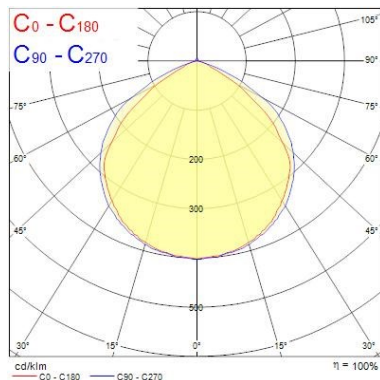
Packaging

Single packaging type	Carton
Product EAN number	5410288501062
Packaging single length / height (cm)	13.0
Packaging single width (cm)	5.5
Packaging single depth (cm)	15.5
DUN14 (outer)	15410288501069
Units per outer package	6
Packaging outer length / height (cm)	36.0
Packaging outer width (cm)	14.5
Packaging outer depth (cm)	17.5

Safety data

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



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	1.48	101.2°	1.48	1.76	1610
1.0	2.97	101.2°	2.97	7.02	402
1.5	4.45	101.2°	4.45	15.6	179
2.0	5.93	101.2°	5.93	27.6	99
2.5	7.41	101.2°	7.41	41.8	64
3.0	8.90	101.2°	8.90	58.3	45
0.5	1.22	112.0°	1.22	1.18	141
1.0	2.43	112.0°	2.43	4.78	85
1.5	3.65	112.0°	3.65	10.6	58
2.0	4.87	112.0°	4.87	18.8	41
2.5	6.09	112.0°	6.09	29.1	28
3.0	7.30	112.0°	7.30	41.8	19

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TECHNICAL DRAWINGS

