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Start Flood Flat IP65 10000LM 840 Black
0050126

CE ♲ UKCA ⏚ IP65 ⁓50/60Hz IK07 650°C 110° ⊠ LED

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, 10000 lm, 73 W, 137 lm/W, 4000K, non dimmable, CRI>80, IP65, IK07, Class I, lifespan L70:B50: 90000 hrs, 195 x 250 x 33 mm (L x W x H). Weight: 1.19kg.
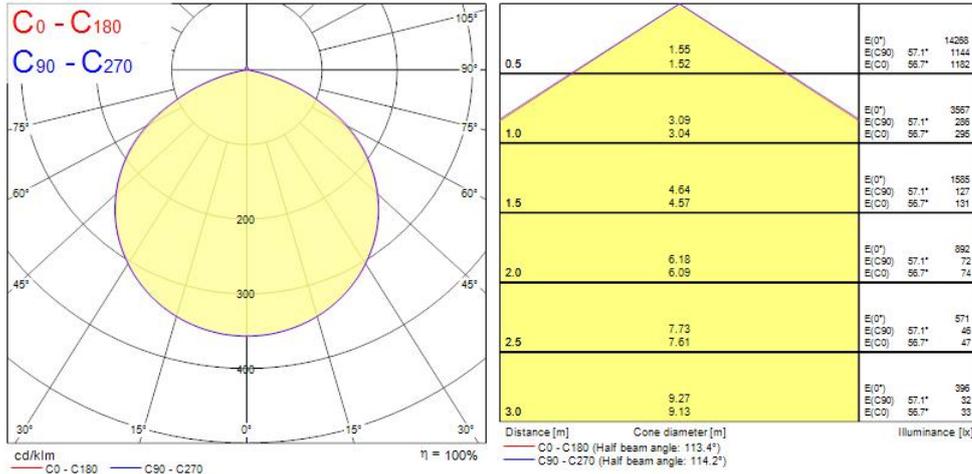
Product Overview

Product name	Start Flood Flat IP65 10000LM 840 Black
Technology	LED
Cap/Base	N/A
E-number FI	4579537
Fixture luminous flux (lm)	10000
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Photobiological Risk Group	RG1
Total power consumption (W)	73
Electrical protection	Class I
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK07
Product EAN number	5410288501260

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Warranty	3 years

Photometry

C0 - C180
C90 - C270

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

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	1.55	1.52	E(0°)		14268
			E(C90)	57.1°	1144
			E(C0)	56.7°	1162
1.0	3.09	3.04	E(0°)		3567
			E(C90)	57.1°	286
			E(C0)	56.7°	295
1.5	4.64	4.57	E(0°)		1585
			E(C90)	57.1°	127
			E(C0)	56.7°	131
2.0	6.18	6.09	E(0°)		892
			E(C90)	57.1°	72
			E(C0)	56.7°	74
2.5	7.73	7.61	E(0°)		571
			E(C90)	57.1°	46
			E(C0)	56.7°	47
3.0	9.27	9.13	E(0°)		396
			E(C90)	57.1°	32
			E(C0)	56.7°	33

— C0 - C180 (Half beam angle: 113.4°)
— C90 - C270 (Half beam angle: 114.2°)

Technical drawings

195

250   33

Data table

GENERAL DATA

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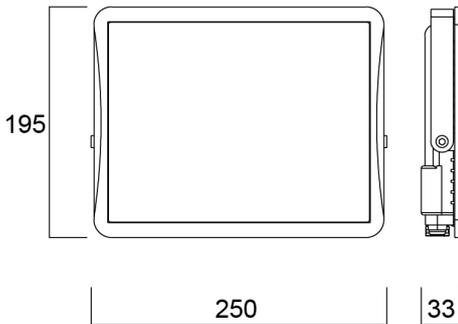
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Product name	Start Flood Flat IP65 10000LM 840 Black
Technology	LED
Cap/Base	N/A
Operating temperature range (°C)	-20°C...+40°C
E-number FI	4579537
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	10000
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	73
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class I
Control gear required	No
Drive current (mA)	330
Inrush Current (A)	22.4
Inrush Duration (µs)	600
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	14
Max. products per 20A B Breaker	17

LIFETIME DATA

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Lifespan L70 B50	90000
Lifespan L80 B50	89000
Lifespan L80 B20	57000

PHYSICAL DATA

Housing colour	Black
IP rating	IP65
IK rating	IK07
Nominal Product Length (mm)	195
Nominal Product Width (mm)	250
Weight (kg)	1.19

PACKAGING

Single packaging type	Carton
Product EAN number	5410288501260
Packaging single width (cm)	5.0
Packaging single depth (cm)	22.5
DUN14 (outer)	15410288501267
Packaging outer length / height (cm)	53.5

SAFETY DATA

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

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