Start Flood Flat IP65 7000LM 840 Black
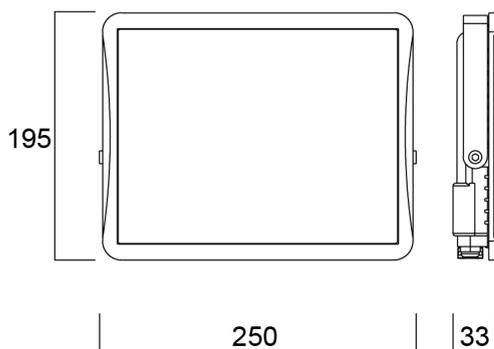
Item No: 0050122

SYLVANIA

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, 7000 lm, 63 W, 111 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.
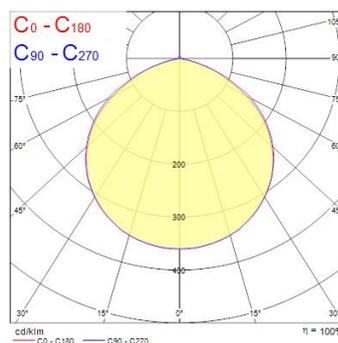
Technical Assets

Dimensions (mm)

195

250

33

Photometrics

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.52	E(0°)	10083
	1.48	E(C90) 56.7°	837
		E(C0) 55.9°	889
1.0	3.04	E(0°)	2521
	2.95	E(C90) 56.7°	209
		E(C0) 55.9°	222
1.5	4.57	E(0°)	1120
	4.43	E(C90) 56.7°	93
		E(C0) 55.9°	99
2.0	6.09	E(0°)	630
	5.91	E(C90) 56.7°	52
		E(C0) 55.9°	56
2.5	7.61	E(0°)	403
	7.38	E(C90) 56.7°	33
		E(C0) 55.9°	36
3.0	9.13	E(0°)	280
	8.86	E(C90) 56.7°	23
		E(C0) 55.9°	25

C0 - C180 (Half beam angle: 111.8°)
C90 - C270 (Half beam angle: 113.4°)

C0 - C180
C90 - C270

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

Start Flood Flat IP65 7000LM 840 Black

Item No: 0050122

SYLVANIA

General data

Product name	Start Flood Flat IP65 7000LM 840 Black
Technology	LED
Cap/Base	N/A
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4579535
Warranty	3 years

Optical data

Useful luminous flux (Φuse)	7000
Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	111
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	63
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	270
Inrush Current (A)	21.6
Inrush Duration (μs)	600
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	14
Max. products per 13A C Breaker	19
Max. products per 16A C Breaker	23
Max. products per 20A C Breaker	29
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	11
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	17

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	90000
Lifespan L80 B20	58000

Start Flood Flat IP65 7000LM 840 Black

Item No: 0050122

SYLVANIA

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK07
Nominal Product Length (mm)	195
Nominal Product Width (mm)	250
Nominal Product Height (mm)	33
Weight (kg)	1.19

Packaging

Product EAN number	5410288501222
Packaging single length / height (cm)	26.0
Packaging single width (cm)	5.0
Packaging single depth (cm)	22.5
DUN14 (inner)	15410288501229
Units per outer package	6
Packaging outer length / height (cm)	53.5
Packaging outer width (cm)	17.0
Packaging outer depth (cm)	24.5

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40