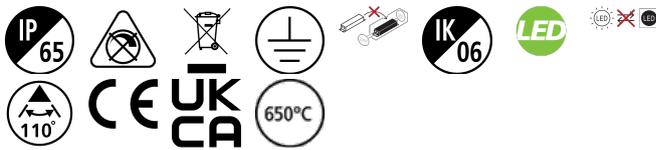


## Start Flood Flat without PIR

Start Flood Flat IP65 1850LM 830 Black  
0050109



### PRODUCT OVERVIEW

Product name	Start Flood Flat IP65 1850LM 830 Black
Technology	LED
E-number FI	4579528
Warranty	3 years
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	103
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG1
Total power consumption (W)	18
Electrical protection	Class I
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK06
Product EAN number	5410288501093

### DATA TABLE

#### General data

Product name	Start Flood Flat IP65 1850LM 830 Black
Technology	LED
Operating temperature range (°C)	-20°C...+40°C
E-number FI	4579528
Warranty	3 years

#### Optical data

Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	103
Colour temperature (K)	3000
Light colour	Warm White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	18
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	38
Inrush Current (A)	19.4
Inrush Duration (µs)	200
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	16
Max. products per 20A B Breaker	19

### 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
Nominal Product Length (mm)	110
Nominal Product Width (mm)	123
Weight (kg)	0.32

### Packaging

Single packaging type	Carton
Product EAN number	5410288501093
Packaging single width (cm)	5.5
Packaging single depth (cm)	15.5
DUN14 (outer)	15410288501090
Packaging outer length / height (cm)	36.0

### Safety data

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

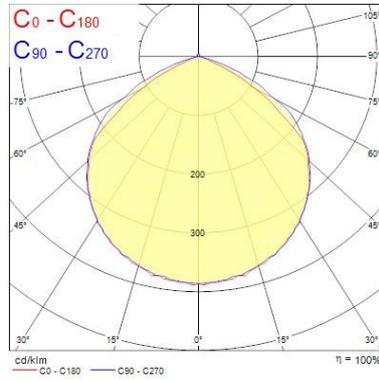
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0.5	1.51 1.34	E(I) <sup>0</sup> 2898 E(C90) 242 E(C0) 311
1.0	3.01 2.67	E(I) <sup>0</sup> 714 E(C90) 61 E(C0) 79
1.5	4.52 4.01	E(I) <sup>0</sup> 311 E(C90) 27 E(C0) 35
2.0	6.02 5.35	E(I) <sup>0</sup> 179 E(C90) 15 E(C0) 19
2.5	7.53 6.68	E(I) <sup>0</sup> 114 E(C90) 10 E(C0) 12
3.0	9.03 8.02	E(I) <sup>0</sup> 79 E(C90) 9 E(C0) 9

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

— C0 - C180 (Half beam angle: 106.4°)  
— C90 - C270 (Half beam angle: 112.8°)



## TECHNICAL DRAWINGS

