

## Start Flood Flat without PIR

Start Flood Flat IP65 4650LM 830 White  
0050119



### PRODUCT OVERVIEW

Product name	Start Flood Flat IP65 4650LM 830 White
Technology	LED
E-number FI	4579549
Warranty	3 years
Fixture luminous flux (lm)	4650
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)	45
Electrical protection	Class I
LED Flickering Rate	Low (6% - 20%)
Housing colour	White
IP rating	IP65
IK rating	IK06
Product EAN number	5410288501192

### DATA TABLE

#### General data

Product name	Start Flood Flat IP65 4650LM 830 White
Technology	LED
Operating temperature range (°C)	-20°C...+40°C
E-number FI	4579549
Warranty	3 years

#### Optical data

Fixture luminous flux (lm)	4650
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)	45
Lamp power factor	0.9
Electrical protection	Class I
Drive current (mA)	154
Inrush Current (A)	19.2
Inrush Duration (µs)	420
Glow Wire Test (°C)	650
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	16
Max. products per 20A B Breaker	19

### Lifetime data

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

### Physical data

Housing colour	White
IP rating	IP65
IK rating	IK06
Nominal Product Length (mm)	151
Nominal Product Width (mm)	190
Weight (kg)	0.74

### Packaging

Single packaging type	Carton
Product EAN number	5410288501192
Packaging single width (cm)	4.5
Packaging single depth (cm)	18.0
DUN14 (outer)	15410288501199
Packaging outer length / height (cm)	30.0

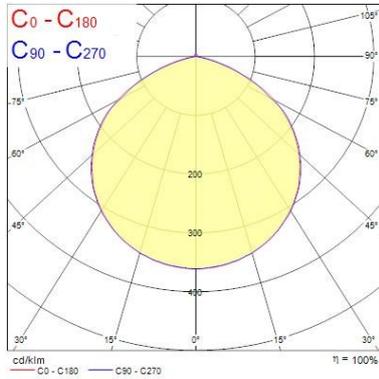
### Safety data

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

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Distance [m]	Cone diameter [m]	Beam type	Half beam angle [°]	Beam diameter [m]	Beam height [m]	Beam area [m²]	Illuminance [lx]
0.5	1.54	C0-C180	112.8°	1.51	0.5	0.716	543
1.0	3.08	C0-C180	112.8°	3.01	1.0	1579	136
1.5	4.62	C0-C180	112.8°	4.52	1.5	746	80
2.0	6.16	C0-C180	112.8°	6.02	2.0	420	54
2.5	7.70	C0-C180	112.8°	7.53	2.5	289	33
3.0	9.24	C0-C180	112.8°	9.03	3.0	167	18
0.5	1.54	C90-C270	114.0°	1.51	0.5	0.716	543
1.0	3.08	C90-C270	114.0°	3.01	1.0	1579	136
1.5	4.62	C90-C270	114.0°	4.52	1.5	746	80
2.0	6.16	C90-C270	114.0°	6.02	2.0	420	54
2.5	7.70	C90-C270	114.0°	7.53	2.5	289	33
3.0	9.24	C90-C270	114.0°	9.03	3.0	167	18

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

— C0 - C180 (Half beam angle: 112.8°)  
— C90 - C270 (Half beam angle: 114.0°)

## TECHNICAL DRAWINGS

