

## Start Flood LED

START FLOOD LED 4400LM 50W 3000K

0047826



### Product features

- LED floodlight, IP65, 4400 Lm, 50 W, 3000K, beam angle 100°, black aluminium die-cast body, 71 mm x 221 mm x 268 mm, 30000 hours lifetime.



## PRODUCT OVERVIEW

Product name	START FLOOD LED 4400LM 50W 3000K
Technology	LED
Housing	Aluminium
Mount	Wall surface mounted
Environment	External
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4579154
E-number SE	7764802
Warranty	3 years
Fixture luminous flux (lm)	4400
Luminaire efficacy (lm/W)	88
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Glare control	< 28
Photobiological Risk Group	RG1
Total power consumption (W)	50
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 7021 - Black grey
IP rating	IP65
IK rating	IK07
Product EAN number	5410288478265

## DATA TABLE

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### General data

Product name	START FLOOD LED 4400LM 50W 3000K
Technology	LED
Housing	Aluminium
Mount	Wall surface mounted
Environment	External
General application	Residential & Consumer
Operating temperature range (°C)	-20°C - 40°C
ETIM Class	EC001744
E-number FI	4579154
E-number SE	7764802
Warranty	3 years

### Optical data

Fixture luminous flux (lm)	4400
Luminaire efficacy (lm/W)	88
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Adjustable chromaticity	N
Beam Angle (°)	100
Distribution type	Direct
Glare control	< 28
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	50
Current (A)	0.234
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Control gear type	LED driver constant current
Transformer required	Yes
Dimmable	No
Drive current (mA)	1200
Inrush Current (A)	14
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	8
Max. Luminaires per 13A C Breaker	10
Max. Luminaires per 16A C Breaker	12
Max. Luminaires per 20A C Breaker	15

### Lifetime data

Lifespan L70 B50	30000
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### Physical data

Housing colour	RAL 7021 - Black grey
IP rating	IP65
IK rating	IK07
Diffuser finish	Transparent
Diffuser material	Glass
Nominal Product Length (mm)	70.8
Nominal Product Width (mm)	220.7
Nominal Product Height (mm)	268.3
Weight (kg)	1.756
Wind Area (m <sup>2</sup> )	0.0592

### Packaging

Single packaging type	Carton
Product EAN number	5410288478265
Packaging single length / height (cm)	23.2
Packaging single width (cm)	7.9
Packaging single depth (cm)	24.7
DUN14 (outer)	15410288478262
Units per outer package	5
Packaging outer length / height (cm)	42.4
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	27.2

### Safety data

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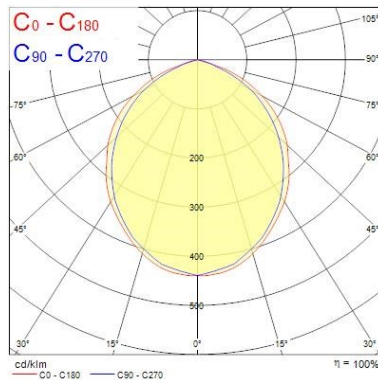
## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(l) [lx]	E(c90) [lx]	E(c0) [lx]
0.5	1.09 1.25	8390	1301	1028
1.0	2.17 2.50	2097	325	257
1.5	3.25 3.74	902	145	114
2.0	4.35 4.99	524	81	64
2.5	5.44 6.24	336	52	41
3.0	6.52 7.49	233	36	29

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

— C0 - C180 (Half beam angle: 102.8°)

— C90 - C270 (Half beam angle: 94.8°)



## TECHNICAL DRAWINGS

## Start Flood LED

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