

## START Waterproof Slim

START Waterproof Slim 600 IP65 2500lm 840

0046368



### Product features

- START Waterproof Slim is a LED integrated polycarbonate housing luminaire with easy to access electrical terminal through bayonet lock end caps and tool-free electrical connection due to push-in terminal. Flexible installation as mounting brackets can be positioned freely on the luminaire. 19W; 2500lm; High efficiency with 132lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP65; IK08; Class I; 646mm x 70mm x 69mm.



### PRODUCT OVERVIEW

Product name	START Waterproof Slim 600 IP65 2500lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357074
Warranty	5 years
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	132
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	19
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Housing colour	Grey
IP rating	IP65
IK rating	IK08
Product EAN number	5410288463681

### DATA TABLE

#### General data

Product name	START Waterproof Slim 600 IP65 2500lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate

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Mount	Ceiling surface mounting
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4357074
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	132
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Distribution type	Diffuse
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	19
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	25
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	290
Inrush Current (A)	10
Inrush Duration (µs)	24
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	48
Max. Luminaires per 13A C Breaker	60
Max. Luminaires per 16A C Breaker	72
Max. Luminaires per 20A C Breaker	90
Max. Luminaires per 10A B Breaker	30
Max. Luminaires per 13A B Breaker	39
Max. Luminaires per 16A B Breaker	48
Max. Luminaires per 20A B Breaker	60

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### Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	90000
Lifespan L80 B20	80000
Lifespan L80 B10	70000
Lifespan L90 B50	38000
Lifespan L90 B20	36000
Lifespan L90 B10	34000

### Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	648
Nominal Product Width (mm)	70
Nominal Product Height (mm)	69
Weight (kg)	0.86

### Packaging

Single packaging type	Carton
Product EAN number	5410288463681
Packaging single length / height (cm)	64.6
Packaging single width (cm)	7.3
Packaging single depth (cm)	7.4
DUN14 (outer)	15410288463688
Units per outer package	12
Packaging outer length / height (cm)	69.1
Packaging outer width (cm)	31.0
Packaging outer depth (cm)	24.4

### Safety data

Optimal operating condition (°C)	-25-50
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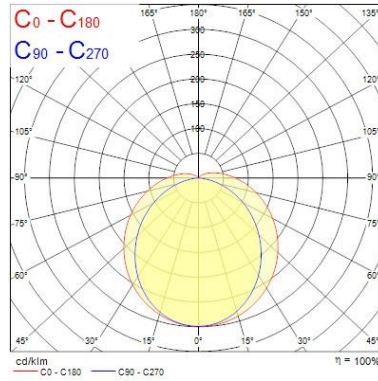
## PHOTOMETRY

## START Waterproof Slim *START Waterproof Slim 600 IP65 2500lm 840* 0046368

0.5	1.22 2.14	E(0°) E(C90) E(C0)	2999 391 113
1.0	2.44 4.29	E(0°) E(C90) E(C0)	748 96 29
1.5	3.67 6.43	E(0°) E(C90) E(C0)	333 42 13
2.0	4.89 8.58	E(0°) E(C90) E(C0)	187 24 7
2.5	6.11 10.72	E(0°) E(C90) E(C0)	120 15 5
3.0	7.33 12.87	E(0°) E(C90) E(C0)	83 11 3

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

— C0 - C180 (Half beam angle: 130.0°)  
 — C90 - C270 (Half beam angle: 101.4°)



## TECHNICAL DRAWINGS

