

### 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. 2550 / 1400lm (selected by DIP switch), 18.5 / 10.5W, 138 / 133lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP66; IK08; Class II; 640mm x 70mm x 73mm.

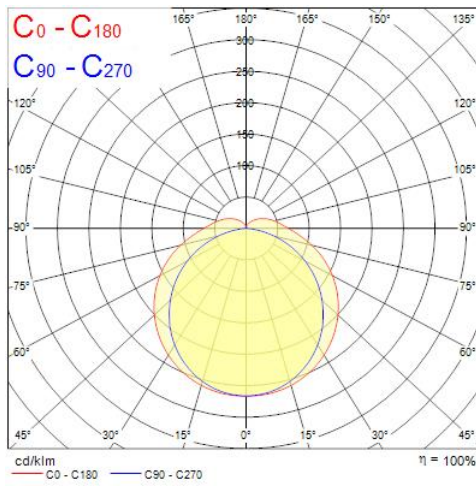
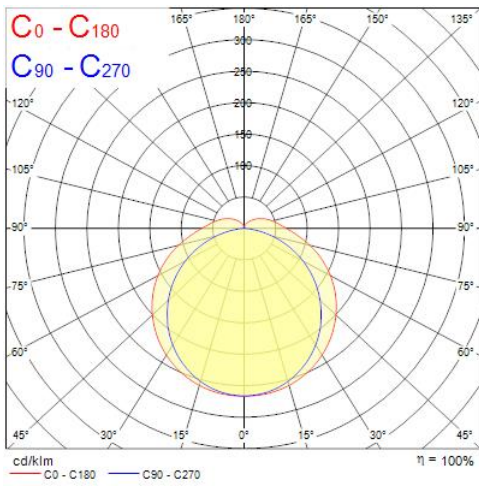
### Product Overview

Product name	START Waterproof Slim 600 IP66 1400/2550lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357159
Fixture luminous flux (lm)	2550
Luminaire efficacy (lm/W)	138
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	18.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes with restrictions

## START Waterproof Slim 600 IP66 1400/2550lm 840 0046425

LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL7035
IP rating	IP66
IK rating	IK08
Product EAN number	5410288464251
Warranty	5 years
Dimming method	Other

### Photometry



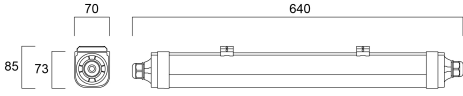
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.42 2.49	2719	54.8° 68.1°	293	71
1.0	2.84 4.98	680	54.8° 68.1°	65	15
1.5	4.25 7.46	302	54.8° 68.1°	29	8
2.0	5.67 9.95	170	54.8° 68.1°	15	4
2.5	7.09 12.44	109	54.8° 68.1°	10	3
3.0	8.51 14.93	75	54.8° 68.1°	7	2

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 136.2°)  
 — C90 - C270 (Half beam angle: 109.6°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.42 2.49	1493	54.8° 68.1°	143	39
1.0	2.84 4.98	373	54.8° 68.1°	36	10
1.5	4.25 7.46	166	54.8° 68.1°	16	4
2.0	5.67 9.95	93	54.8° 68.1°	9	2
2.5	7.09 12.44	60	54.8° 68.1°	6	2
3.0	8.51 14.93	41	54.8° 68.1°	4	1

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 136.2°)  
 — C90 - C270 (Half beam angle: 109.6°)

### Technical drawings



### Data table

#### GENERAL DATA

Product name	START Waterproof Slim 600 IP66 1400/2550lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+50°C
ETIM Class	EC002892
E-number FI	4357159
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	2550
Luminaire efficacy (lm/W)	138
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	18.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	Yes with restrictions
Dimming method	Other
Drive current (mA)	250
Inrush Current (A)	18.7
Inrush Duration ( $\mu$ s)	160
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	46
Max. products per 13A C Breaker	60
Max. products per 16A C Breaker	74
Max. products per 20A C Breaker	92
Max. products per 10A B Breaker	27
Max. products per 13A B Breaker	36
Max. products per 16A B Breaker	44
Max. products per 20A B Breaker	55
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### LIFETIME DATA

Lifespan L70 B50	100000
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## START Waterproof Slim 600 IP66 1400/2550lm 840 0046425

Lifespan L80 B50	100000
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### PHYSICAL DATA

Housing colour	RAL7035
IP rating	IP66
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	640
Nominal Product Width (mm)	70
Nominal Product Height (mm)	73
Weight (kg)	0.734

### PACKAGING

Product EAN number	5410288464251
Packaging single length / height (cm)	64.7
Packaging single width (cm)	7.9
Packaging single depth (cm)	7.6
DUN14 (inner)	15410288464258
Units per outer package	6
Packaging outer length / height (cm)	66.2
Packaging outer width (cm)	17.3
Packaging outer depth (cm)	26.3

### SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-25-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No