

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. 4650 / 2300lm (selected by DIP switch), 34.5 / 17W, 135 / 135lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP66; IK08; Class II; 1240mm x 70mm x 73mm.

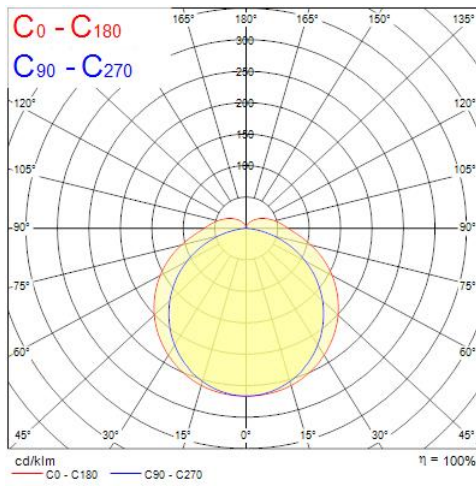
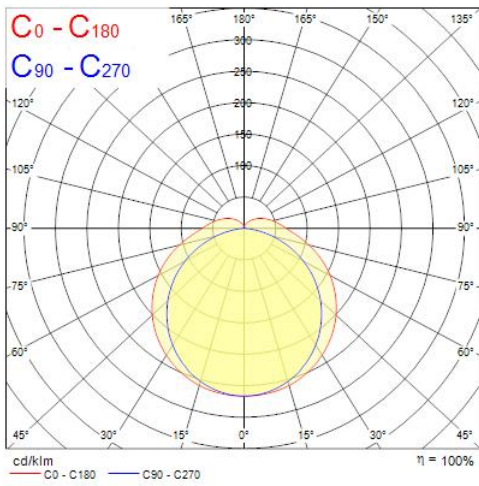
Product Overview

Product name	START Waterproof Slim 1200 IP66 2300/4650lm 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	4357160
Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	135
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)	34.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes with restrictions

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LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL7035
IP rating	IP66
IK rating	IK08
Product EAN number	5410288464268
Warranty	5 years
Dimming method	Other

Photometry



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.43 2.45	4966	55.1°	67.8°	495
1.0	2.87 4.90	1239	55.1°	67.8°	116
1.5	4.30 7.35	551	55.1°	67.8°	52
2.0	5.73 9.80	310	55.1°	67.8°	8
2.5	7.17 12.25	198	55.1°	67.8°	5
3.0	8.60 14.70	138	55.1°	67.8°	4

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 135.6°)
 — C90 - C270 (Half beam angle: 110.2°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.43 2.45	2452	55.1°	67.8°	230
1.0	2.87 4.90	613	55.1°	67.8°	57
1.5	4.30 7.35	272	55.1°	67.8°	25
2.0	5.73 9.80	153	55.1°	67.8°	14
2.5	7.17 12.25	96	55.1°	67.8°	9
3.0	8.60 14.70	68	55.1°	67.8°	6

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 135.6°)
 — C90 - C270 (Half beam angle: 110.2°)

Technical drawings



Data table

GENERAL DATA

Product name	START Waterproof Slim 1200 IP66 2300/4650lm 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	4357160
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	135
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	120
Distribution type	Symmetric

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Photobiological Risk Group RG0

ELECTRICAL DATA

Total power consumption (W)	34.5
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)	350
Inrush Current (A)	25
Inrush Duration (μ s)	300
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	17
Max. products per 13A C Breaker	23
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	17
Max. products per 20A B Breaker	21
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

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Lifespan L70 B50	100000
Lifespan L80 B50	100000

PHYSICAL DATA

Housing colour	RAL7035
IP rating	IP66
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1240
Nominal Product Width (mm)	70
Nominal Product Height (mm)	73
Weight (kg)	1.259

PACKAGING

Product EAN number	5410288464268
Packaging single length / height (cm)	124.7
Packaging single width (cm)	7.9
Packaging single depth (cm)	7.6
DUN14 (inner)	15410288464265
Units per outer package	6
Packaging outer length / height (cm)	126.2
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