

# START Waterproof Slim 1200 IP66 2300/4650lm 840

Item No: 0046426

**SYLVANIA**

**START**<sup>TM</sup>



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.

## Technical Assets

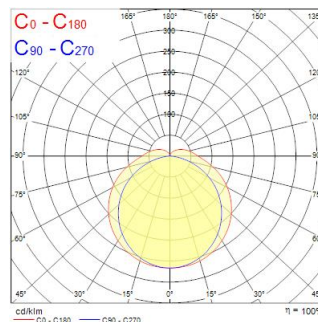
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.43 2.46	100° 135°	240 230	78.7 74.3	86 86
1.0	2.87 4.90	100° 135°	480 460	157 141	43 43
1.5	4.30 7.35	100° 135°	720 700	235 215	29 29
2.0	5.73 9.80	100° 135°	960 930	313 287	22 22
2.5	7.17 12.25	100° 135°	1200 1160	391 359	16 16
3.0	8.60 14.70	100° 135°	1440 1390	469 431	11 11

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 135.0°)  
 — C90 - C270 (Half beam angle: 110.2°)



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## 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
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+50°C
Virtual assistant compatibility	N/A
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)	SDCM5
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG0

## Electrical data

Emergency type	
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) ≤ xx.x %	20
Electrical protection	Class II
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 (µs)	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 <sup>2</sup> )	1.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000

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## Physical data

Housing colour	RAL 7035 - Light grey
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