

START Waterproof Slim 1500 IP66 3800/7300lm 840

Item No: 0046427

SYLVANIA

START



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. 7300 / 3800lm (selected by DIP switch), 52.5 / 26W, 139 / 146lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP66; IK08; Class II; 1540mm x 70mm x 73mm.

Technical Assets

Dimensions (mm)

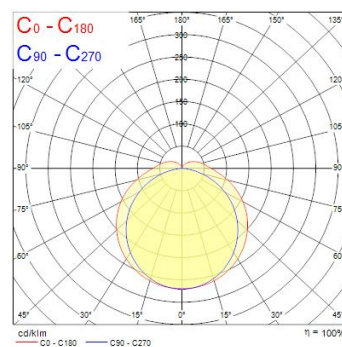


Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	1.43 2.40	0.57 0.98	1.87 3.28	7.52 13.17	7874 142 224
1.0	2.87 4.80	1.13 1.96	3.74 6.56	14.84 26.34	1968 96 96
1.5	4.30 7.21	1.70 2.94	5.61 9.84	22.26 39.17	875 42 42
2.0	5.73 9.61	2.27 3.92	7.48 12.83	29.68 51.34	492 48 14
2.5	7.17 12.01	2.84 4.91	9.35 16.11	37.10 65.00	315 30 9
3.0	8.60 14.41	3.41 6.56	11.22 21.52	44.52 86.91	219 21 6

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

— C0 - C180 (Half beam angle: 134.8°) E107
— C90 - C270 (Half beam angle: 110.2°) E108
E109 E110
E111 E112
E113 E114
E115 E116
E117 E118
E119 E120



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General data

Product name	START Waterproof Slim 1500 IP66 3800/7300lm 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	4357161
Warranty	5 years

Optical data

Fixture luminous flux (lm)	7300
Luminaire efficacy (lm/W)	139
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

Total power consumption (W)	52.5
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)	300
Inrush Current (A)	27
Inrush Duration (µs)	260
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	19
Max. products per 13A C Breaker	24
Max. products per 16A C Breaker	30
Max. products per 20A C Breaker	38
Max. products per 10A B Breaker	11
Max. products per 13A B Breaker	14
Max. products per 16A B Breaker	18
Max. products per 20A B Breaker	22
Connectable conductor cross section - Max (mm ²)	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)	1540
Nominal Product Width (mm)	70
Nominal Product Height (mm)	73
Weight (kg)	1.534

Packaging

Product EAN number	5410288464275
Packaging single length / height (cm)	154.7
Packaging single width (cm)	7.9
Packaging single depth (cm)	7.6
DUN14 (inner)	15410288464272
Units per outer package	6
Packaging outer length / height (cm)	156.2
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