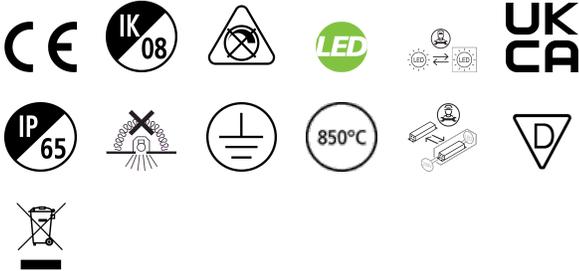# Start Eco Waterproof 1500 IP65 3000/6000lm 830/865
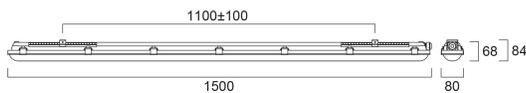
Item No: 0047413

SYLVANIA

START *eco*

Start eco Waterproof provides maximum performace and durability for applications like car parks, warehouses or workshops. Robust IK08 waterproof IP65 luminaire in 1500mm with symmetric wide beam angle. 3000 / 6000lm (selected by DIP switches), 20 / 40W, 150lm/W. Integrated switch allows to choose between warm white (3000K), neutral white (4000K) or cool white (6500K) colour temperatures. L70B50 56,000 hrs lifespan, CRI>80, SDCM<5, Class I. Ease of installation with stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing and diffuser. Suspension hook, vandalproof screws and additional grommets are included in the package. 5 years warranty. 1500 x 80 x 84mm (LxWxH) dimensions, 1.5kg weight.
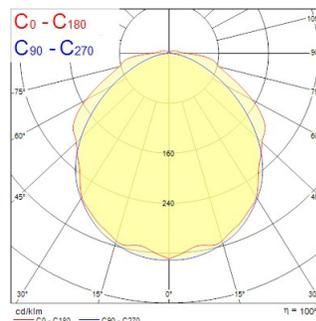
Technical Assets

Dimensions (mm)

1100±100

1500

68   84

80

Photometrics

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	1.23 / 1.67	E(0°)	51.0°	7891
		E(C90)		994
		E(C0)	59.1°	535
1.0	2.47 / 3.34	E(0°)	51.0°	1973
		E(C90)		249
		E(C0)	59.1°	134
1.5	3.70 / 5.01	E(0°)	51.0°	877
		E(C90)		110
		E(C0)	59.1°	59
2.0	4.94 / 6.68	E(0°)	51.0°	493
		E(C90)		62
		E(C0)	59.1°	33
2.5	6.17 / 8.35	E(0°)	51.0°	316
		E(C90)		40
		E(C0)	59.1°	21
3.0	7.41 / 10.03	E(0°)	51.0°	219
		E(C90)		28
		E(C0)	59.1°	15

C0 - C180 (Half beam angle: 118.2°)
C90 - C270 (Half beam angle: 102.0°)

C0 - C180
C90 - C270

cd/klm   C0 - C180   C90 - C270   η = 100%

Start Eco Waterproof 1500 IP65 3000/6000lm 830/865

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SYLVANIA

General data

Product name	Start Eco Waterproof 1500 IP65 3000/6000lm 830/865
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4357184
Warranty	5 years

Optical data

Fixture luminous flux (lm)	6000
Luminaire efficacy (lm/W)	150
Light colour	Warm White or Neutral White or Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	40
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 %	15
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Inrush Current (A)	24.6
Inrush Duration (μs)	206
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	12
Max. products per 16A C Breaker	19
Max. products per 16A B Breaker	13
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	56000
Lifespan L80 B50	53000

Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	80
Nominal Product Height (mm)	68
Weight (kg)	1.5

Start Eco Waterproof 1500 IP65 3000/6000lm 830/865

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Packaging

Product EAN number	5410288474137
Packaging single length / height (cm)	150.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	6.8
DUN14 (inner)	15410288474134
Units per outer package	8
Packaging outer length / height (cm)	152.5
Packaging outer width (cm)	18.7
Packaging outer depth (cm)	31.6

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40