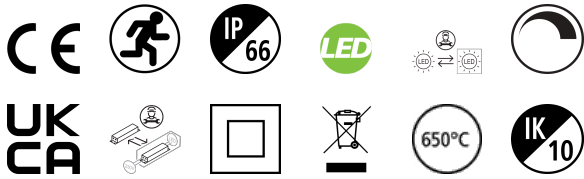


# START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT

Item No: 0049249

**SYLVANIA**

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



LED exterior surface mounted luminaire, 350mm diameter, 1450lm as max. lumen output, 17W max. power consumption, 85lm/W efficacy, 3000K color temperature, CRI80, IP66, IK10, 60,000 hours (L70), white housing, vandal resistant. DALI and DALI 2 dimming compatibility. Integrated emergency, 3 hours, supplied with anti-theft screws

## Technical Assets

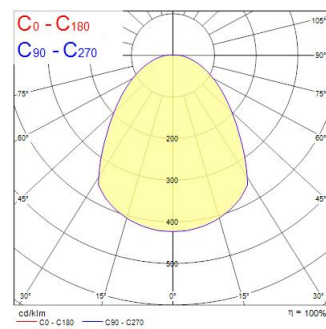
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.97	88.2°	0.97	210
1.0	1.94	88.2°	1.94	105
1.5	2.91	88.2°	2.91	70
2.0	3.88	88.2°	3.88	52
2.5	4.85	88.2°	4.85	42
3.0	5.81	88.2°	5.81	35

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 88.2°)



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**SYLVANIA**

## General data

Product name	START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
Environment	Indoor, Outdoor
General application	Hospitality
Operating temperature range (°C)	25°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	1450
Luminaire efficacy (lm/W)	86
LOR (%)	100
Correlated colour temperature (k)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Adjustable chromaticity	N
Beam Angle (°)	120
Glare control	< 25
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70
Luminous flux (emergency) (lm)	124

## Electrical data

Emergency mode	Non maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	17
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	1
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	5
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	52
Max. products per 13A C Breaker	68
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	104
Max. products per 10A B Breaker	31
Max. products per 13A B Breaker	40
Max. products per 16A B Breaker	50
Max. products per 20A B Breaker	62
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT

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**SYLVANIA**

## Lifetime data

Lifespan L70 B50	60000
Lifespan L70 B10	60000
Lifespan L80 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B50	42000
Lifespan L90 B10	35000

## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.1

## Packaging

Product EAN number	5410288492490
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05410288492490
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	11.0

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	25-25