

START Surface IP54 500-2000lm 830/840

Item No: 0043405

SYLVANIA

General data

Product name	START Surface IP54 500-2000lm 830/840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
General application	Museums & Galleries, Hospitality
Operating temperature range (°C)	-20°C...+40°C
Virtual assistant compatibility	N/A, Amazon Alexa
ETIM Class	EC002892
E-number FI	4279503
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	120
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	16.5
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	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	100
Inrush Current (A)	14
Inrush Duration (µs)	100
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	65
Max. products per 20A C Breaker	79
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Max (mm²)	1.5

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Lifetime data

Lifespan L70 B50	120000
Lifespan L70 B20	120000
Lifespan L70 B10	120000
Lifespan L80 B50	105000
Lifespan L80 B20	95000
Lifespan L80 B10	89000
Lifespan L90 B50	51000
Lifespan L90 B20	47000
Lifespan L90 B10	44000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP54
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	300
Weight (kg)	0.548

Packaging

Product EAN number	5410288434056
Packaging single length / height (cm)	32.4
Packaging single width (cm)	10.1
Packaging single depth (cm)	32.4
DUN14 (inner)	15410288434053
Units per outer package	6
Packaging outer length / height (cm)	63.1
Packaging outer width (cm)	33.9
Packaging outer depth (cm)	34.4

Safety data

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