

START eco Downlight 145 1100lm 830

Item No: 0055185

SYLVANIA

General data

Product name	START eco Downlight 145 1100lm 830
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.5
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	115.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	85
Inrush Current (A)	9
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. products per 10A C Breaker	109
Max. products per 13A C Breaker	142
Max. products per 16A C Breaker	175
Max. products per 20A C Breaker	220
Max. products per 10A B Breaker	64
Max. products per 13A B Breaker	84
Max. products per 16A B Breaker	104
Max. products per 20A B Breaker	131
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	165
Built-in diameter (mm)	150
Weight (kg)	0.17

Packaging

Product EAN number	5410288551852
Packaging single length / height (cm)	19.8
Packaging single width (cm)	4.3
Packaging single depth (cm)	16.7
DUN14 (inner)	15410288551859
Units per outer package	12
Packaging outer length / height (cm)	35.5
Packaging outer width (cm)	21.9
Packaging outer depth (cm)	30.5

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40