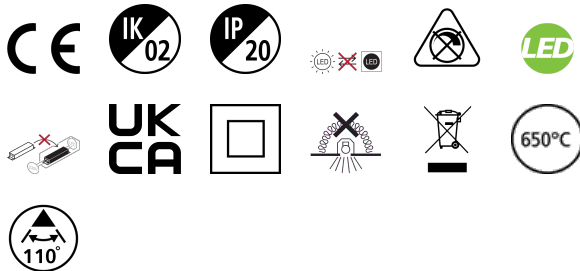


START eco Downlight 145 1100lm 840

Item No: 0055188

SYLVANIA

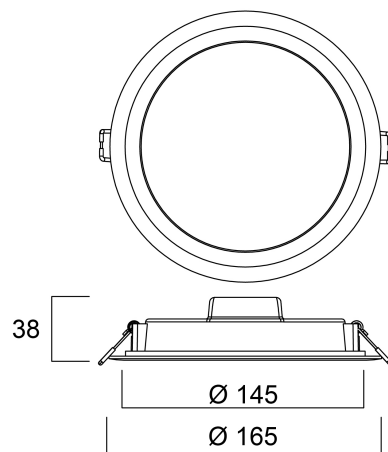
STARTTM



START eco Downlight is an integrated LED recessed downlight with built-in non dimmable driver; Loop in loop out connector allows for quick installation; 12W; 1100Lm; 92Lm/W; 4000K.

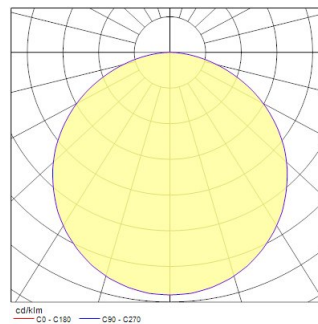
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [sq ft]
0.5	1.56	114.8°	1.56	1.96	21.2	21.2
1.0	3.13	114.8°	3.13	7.84	84.8	84.8
1.5	4.69	114.8°	4.69	13.8	149.6	149.6
2.0	6.25	114.8°	6.25	25.0	270.9	270.9
2.5	7.82	114.8°	7.82	37.7	408.8	408.8
3.0	9.38	114.8°	9.38	51.7	559.1	559.1



START eco Downlight 145 1100lm 840

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SYLVANIA

General data

Product name	START eco Downlight 145 1100lm 840
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)	4000
Light colour	Neutral 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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START eco Downlight 145 1100lm 840

Item No: 0055188



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)	0.168

Packaging

Product EAN number	5410288551883
Packaging single length / height (cm)	20.0
Packaging single width (cm)	4.5
Packaging single depth (cm)	16.8
DUN14 (inner)	15410288551880
Units per outer package	12
Packaging outer length / height (cm)	35.5
Packaging outer width (cm)	21.4
Packaging outer depth (cm)	30.4

Safety data

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