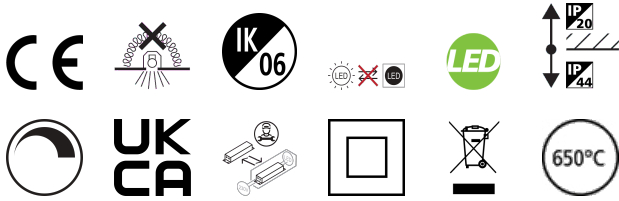


START Downlight Flat 157 IP44 1100LM 840 DIM

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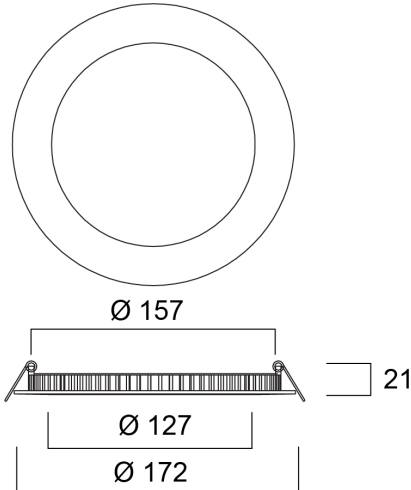
SYLVANIA

START



Technical Assets

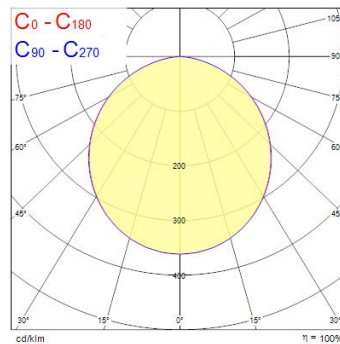
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E107 E100	E107 E100	E107 E100
0.5	1.43	1591	169	152
	1.42	1591	169	152
1.0	2.87	396	37	35
	2.84	396	37	35
1.5	4.30	177	17	17
	4.25	177	17	17
2.0	5.73	99	9	10
	5.67	99	9	10
2.5	7.17	64	6	6
	7.09	64	6	6
3.0	8.60	44	4	4
	8.51	44	4	4

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 109.0°)
 — C90 - C270 (Half beam angle: 110.2°)



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General data

Product name	START Downlight Flat 157 IP44 1100LM 840 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278495
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	1100
Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimming method	Mains: leading / trailing edge
Drive current (mA)	300
Inrush Current (A)	2.35
Inrush Duration (µs)	120
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	95
Max. products per 13A C Breaker	124
Max. products per 16A C Breaker	152
Max. products per 20A C Breaker	190
Max. products per 20A B Breaker	190
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	78000
Lifespan L80 B20	43000
Lifespan L80 B10	42000
Lifespan L90 B10	23000

START Downlight Flat 157 IP44 1100LM 840 DIM

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SYLVANIA

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Reflector finish	Not Applicable
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	172
Built-in diameter (mm)	155
Weight (kg)	0.354

Packaging

Product EAN number	5410288541211
Packaging single width (cm)	5.0
Packaging single depth (cm)	17.6
DUN14 (inner)	15410288541218
Packaging outer length / height (cm)	53.3

Safety data

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