

START Downlight 220 2150lm 840 Surface

Item No: 0030447

SYLVANIA

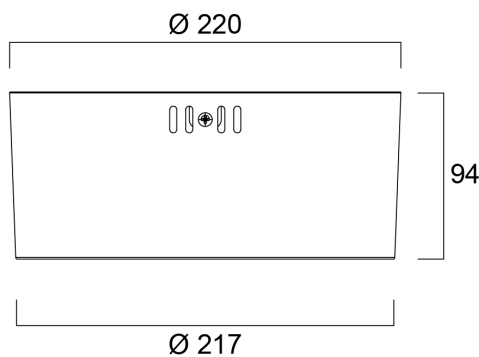
STARTTM



Surface mounted LED downlight with diameter size of 220mm. Ideal replacement for 1x42W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Loop in loop out connector allows for quick installation. Die-cast aluminium body, 4000K, Driver Current: 600mA, CRI80, Non-dimmable LED driver, IP20, IK07, (HxW) 94x220mm, Class 2, 220-240V. Meets TP(a) requirements.

Technical Assets

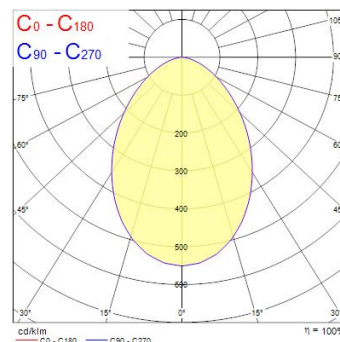
Dimensions (mm)



Photometrics

0.5	0.82	E107 E1C0	479 1030
1.0	1.65	E107 E1C0	1120 286
1.5	2.47	E107 E1C0	498 114
2.0	3.30	E107 E1C0	280 64
2.5	4.12	E107 E1C0	179 41
3.0	4.95	E107 E1C0	124 29

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 79.0°)



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General data

Product name	START Downlight 220 2150lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4279539
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	2025
Fixture luminous flux (lm)	2150
Luminous flux (lm)	2150
Luminaire efficacy (lm/W)	102
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	21
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) \leq xx.x %	20
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	17.2
Inrush Duration (μ s)	200
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	38
Max. products per 13A C Breaker	47
Max. products per 16A C Breaker	57
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	30
Max. products per 13A B Breaker	38
Max. products per 16A B Breaker	45
Max. products per 20A B Breaker	53
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	1.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	74000
Lifespan L90 B10	34000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	95
Nominal Product Diameter (mm)	220
Weight (kg)	0.802

Packaging

Product EAN number	5410288304472
Packaging single length / height (cm)	22.0
Packaging single width (cm)	22.0
Packaging single depth (cm)	10.3
DUN14 (inner)	15410288304479
Units per outer package	8
Packaging outer length / height (cm)	45.5
Packaging outer width (cm)	23.5
Packaging outer depth (cm)	43.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-25