

START Downlight Flat 205 IP44 2250LM 840 DIM

Item No: 0054125

SYLVANIA

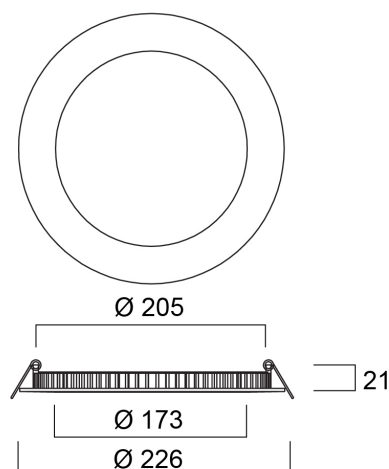
STARTTM



START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate phase dimmable driver and loop in out box; 24W; 2250Lm; 94Lm/W; 4000K; IP44 rated from the front.

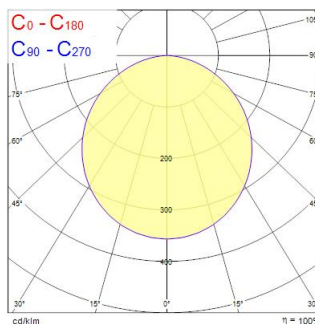
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [in²]
0.5	1.44	110.4°	1.44	2.07	22.4	321
1.0	2.88	110.4°	2.88	8.28	89.6	1304
1.5	4.32	110.4°	4.32	18.65	202.4	2886
2.0	5.76	110.4°	5.76	33.02	356.8	5040
2.5	7.19	110.4°	7.19	51.25	552.0	7680
3.0	8.63	110.4°	8.63	73.65	796.8	10944



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General data

Product name	START Downlight Flat 205 IP44 2250LM 840 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4278502
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	94
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)	24
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	600
Inrush Current (A)	4.16
Inrush Duration (µs)	112
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	51
Max. products per 13A C Breaker	67
Max. products per 16A C Breaker	82
Max. products per 20A C Breaker	103
Max. products per 10A B Breaker	51
Max. products per 13A B Breaker	67
Max. products per 16A B Breaker	82
Max. products per 20A B Breaker	103
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

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Lifetime data

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

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)	226
Built-in diameter (mm)	205
Weight (kg)	0.546

Packaging

Product EAN number	5410288541259
Packaging single length / height (cm)	25.3
Packaging single width (cm)	5.0
Packaging single depth (cm)	23.3
DUN14 (inner)	15410288541256
Units per outer package	10
Packaging outer length / height (cm)	53.3
Packaging outer width (cm)	27.3
Packaging outer depth (cm)	26.1

Safety data

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