

START Downlight Flat 205 IP44 2200LM 830 DIM

Item No: 0054124

SYLVANIA

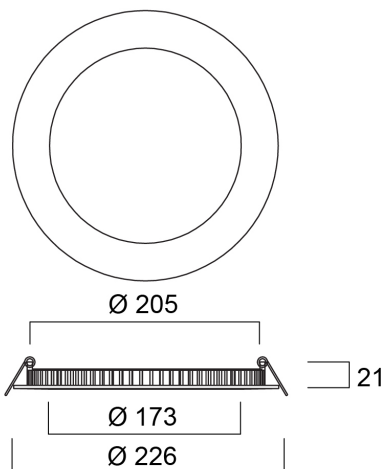
STARTTM



START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 24W; 2200Lm; 92Lm/W; 3000K; IP44 rated from the front.

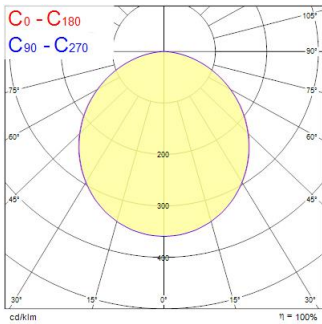
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	1.41	1.43	1.41	1.98	2102
1.0	2.82	2.87	2.82	7.92	276
1.5	4.24	4.30	4.24	17.8	124
2.0	5.65	5.73	5.65	31.7	69
2.5	7.06	7.17	7.06	49.1	45
3.0	8.47	8.60	8.47	71.2	31



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General data

Product name	START Downlight Flat 205 IP44 2200LM 830 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	4278501
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2200
Luminaire efficacy (lm/W)	92
Correlated colour temperature (k)	3000
Light colour	Warm 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	5410288541242
Packaging single length / height (cm)	25.3
Packaging single width (cm)	5.0
Packaging single depth (cm)	23.3
DUN14 (inner)	15410288541249
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