

START Downlight 205 IP54 2150Lm 840 DALI

Item No: 0030337

SYLVANIA

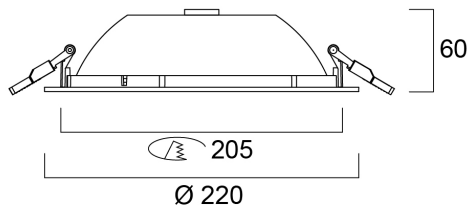
STARTTM



Ceiling recessed LED downlight IP54 (from the front), with only 60mm product depth and 205mm cutout. Supplied with DALI Tridonic push dim driver with loop in - out option (28000671). Ideal replacement for 1x42W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 20W, 4000K, Driver Current: 600mA, CRI80, 74° beam angle, IP54 from the front, IK07, (HxW) 60x205mm, Class 2, 220-240V. Meets TP(a) requirements.

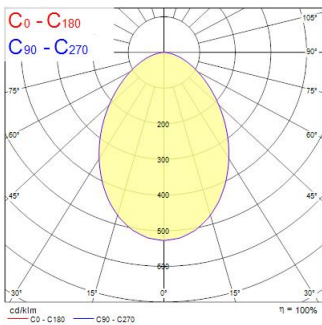
Technical Assets

Dimensions (mm)



Photometrics

0.5	0.85	50°	4204
		50°	500
1.0	1.71	50°	1051
		50°	201
1.5	2.56	50°	487
		50°	133
2.0	3.42	50°	283
		50°	90
2.5	4.27	50°	198
		50°	57
3.0	5.12	50°	117
		50°	38
Distance [m]		Cone diameter [m]	Illuminance [lx]
C0 - C180 (half beam angle: 81.0°)			



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General data

Product name	START Downlight 205 IP54 2150Lm 840 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	
ETIM Class	EC001744
E-number FI	4278165
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2150
Luminaire efficacy (lm/W)	108
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 26
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	20
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	140
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	31
Max. products per 13A C Breaker	40
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	24
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

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

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP54/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	220
Weight (kg)	0.506
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288303376
Packaging single length / height (cm)	23.6
Packaging single width (cm)	23.6
Packaging single depth (cm)	9.6
DUN14 (inner)	15410288303373
Units per outer package	12
Packaging outer length / height (cm)	48.9
Packaging outer width (cm)	48.9
Packaging outer depth (cm)	31.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40