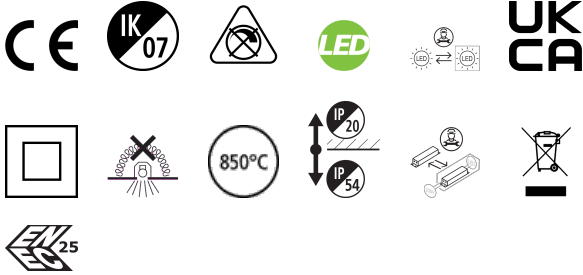


START Downlight 175 IP54 1600lm 840

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SYLVANIA

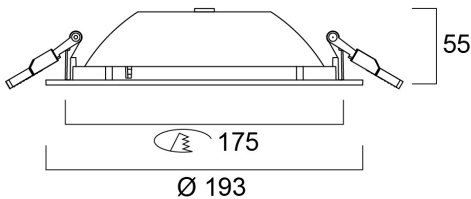
STARTTM



Ceiling recessed LED downlight IP54 (from the front), perfect where limited ceiling void is available with only 55mm product depth and 175mm cutout. Ideal replacement for 1x32W/2x18W 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, 15W, 4000K, Driver Current: 390mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP54 from the front, IK07, (HxW) 55x195mm, Class 2, 220-240V. Meets TP(a) requirements.

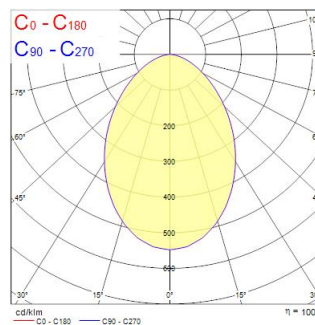
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	0.82	74°	0.82	0.67	2221
1.0	1.65	74°	1.65	2.70	550
1.5	2.47	74°	2.47	6.10	244
2.0	3.30	74°	3.30	10.8	156
2.5	4.12	74°	4.12	16.9	95
3.0	4.95	74°	4.95	24.5	61



START Downlight 175 IP54 1600lm 840

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SYLVANIA

General data

Product name	START Downlight 175 IP54 1600lm 840
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)	40
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4278149
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	110
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	14.5
Supply current (A)	0.065
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) ≤ 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)	400
Inrush Current (A)	7.52
Inrush Duration (µs)	830
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	50
Max. products per 13A C Breaker	61
Max. products per 16A C Breaker	74
Max. products per 20A C Breaker	86
Max. products per 10A B Breaker	40
Max. products per 13A B Breaker	49
Max. products per 16A B Breaker	59
Max. products per 20A B Breaker	69
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	1.5

START Downlight 175 IP54 1600lm 840

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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	Not Applicable
Nominal Product Height (mm)	55
Nominal Product Diameter (mm)	193
Weight (kg)	0.371
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288303277
Packaging single length / height (cm)	20.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	6.8
DUN14 (inner)	15410288303274
Units per outer package	16
Packaging outer length / height (cm)	56.8
Packaging outer width (cm)	42.0
Packaging outer depth (cm)	22.5

Safety data

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