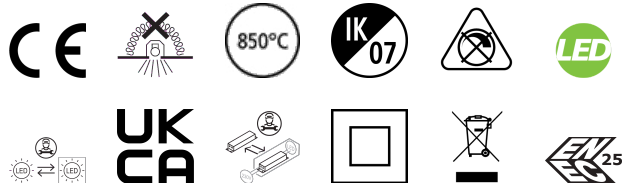


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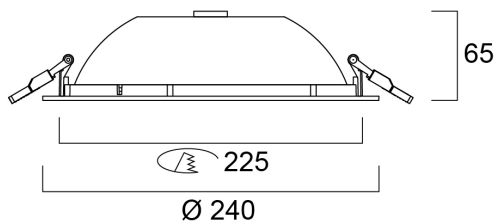
STARTTM



Ceiling recessed LED downlight IP54 (from the front), perfect where limited ceiling void is available with only 65mm product depth and 225mm cutout. Ideal replacement for 2x26W 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, 23W, 3000K, Driver Current: 630mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP54 from the front, IK07, (HxW) 65x225mm, Class 2, 220-240V. Meets TP(a) requirements.

Technical Assets

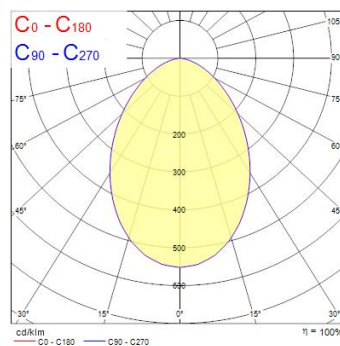
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E ₀ ' [lx]	E ₁₀₀ ' [lx]	E ₁₈₀ ' [lx]
0.5	0.82	5038	5038	1185
1.0	1.64	1259	1259	292
1.5	2.46	539	539	130
2.0	3.27	314	314	75
2.5	4.09	201	201	47
3.0	4.91	140	140	32

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 78.6°)



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SYLVANIA

General data

Product name	START Downlight 225 IP54 2350lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature T _a (°C)	40
ETIM Class	EC001744
E-number FI	4278155
Warranty	5 years

Optical data

Useful luminous flux (Φ _{use})	2275
Fixture luminous flux (lm)	2350
Luminous flux (lm)	2350
Luminaire efficacy (lm/W)	102
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm 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

Total power consumption (W)	23
Current (A)	0.100
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)	630
Inrush Current (A)	6.44
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	11
Max. products per 13A C Breaker	14
Max. products per 16A C Breaker	17
Max. products per 20A C Breaker	22
Max. products per 10A B Breaker	7
Max. products per 13A B Breaker	9
Max. products per 16A B Breaker	11
Max. products per 20A B Breaker	14
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 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)	65
Nominal Product Diameter (mm)	240
Weight (kg)	0.528
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288303307
Packaging single length / height (cm)	24.5
Packaging single width (cm)	24.5
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288303304
Units per outer package	12
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	51.0
Packaging outer depth (cm)	27.0

Safety data

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