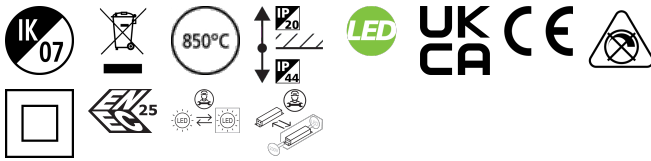# SYLVANIA

START DOWNLIGHT IP44 150
START Downlight 150 IP44 1175lm 840
0030325

Product features

- Ceiling recessed LED downlight IP44 (from the front), perfect where limited ceiling void is available with only 45mm product depth and 150mm cutout. Ideal replacement for 1x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminiares. Loop in loop out connector allows for quick installation. Die-cast aluminium body, 1175LM, 12W, 98lm/W, 4000K, Driver Current: 290mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 45x165mm, Class 2, 220-240V. Meets TP(a) requirements.

PRODUCT OVERVIEW

Product name	START Downlight 150 IP44 1175lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278146
Warranty	5 years
Fixture luminous flux (lm)	1175
Luminous flux (lm)	1175
Luminaire efficacy (lm/W)	98
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303253

DATA TABLE

General data

Product name	START Downlight 150 IP44 1175lm 840
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 Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278146
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1175
Luminous flux (lm)	1175
Luminaire efficacy (lm/W)	98
LOR (%)	100
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

Total power consumption (W)	12
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
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)	290
Inrush Current (A)	7.48
Inrush Duration (µs)	160
Glow Wire Test (°C)	850

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	56
Max. products per 13A C Breaker	70
Max. products per 16A C Breaker	88
Max. products per 20A C Breaker	110
Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	42
Max. products per 16A B Breaker	52
Max. products per 20A B Breaker	66
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

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

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	45
Nominal Product Diameter (mm)	165
Cutout Dimensions (W x L in mm or Diameter in mm)	150
Weight (kg)	0.286
Recessed Depth (mm)	150

Packaging

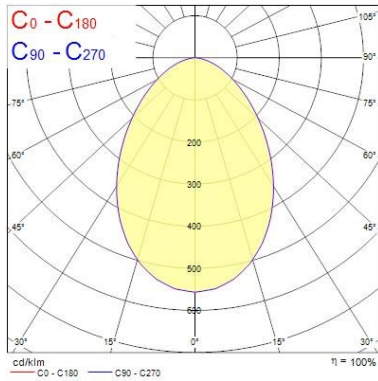|	
Single packaging type	Carton
Product EAN number	5410288303253
Packaging single length / height (cm)	19.7
Packaging single width (cm)	17.9
Packaging single depth (cm)	7.1
DUN14 (outer)	15410288303250
Units per outer package	20
Packaging outer length / height (cm)	37.9
Packaging outer width (cm)	37.6
Packaging outer depth (cm)	38.2

Safety data

Optimal operating condition (°C)	-10-40

SYLVANIA

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PHOTOMETRY

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.81	E(0°) 38.9° E(C0)	2629 620
1.0	1.61	E(0°) 38.9° E(C0)	657 155
1.5	2.42	E(0°) 38.9° E(C0)	292 69
2.0	3.23	E(0°) 38.9° E(C0)	164 39
2.5	4.03	E(0°) 38.9° E(C0)	105 25
3.0	4.84	E(0°) 38.9° E(C0)	73 17

C0 - C180 (Half beam angle: 77.8°)

TECHNICAL DRAWINGS

45

150

Ø 165