

# Sylflat 105 IP44 550lm 830 DIM

Item No: 0053988

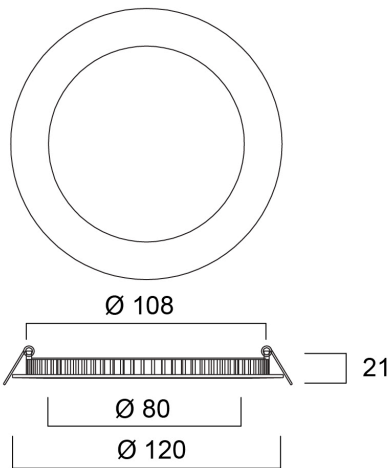
**SYLVANIA**



Sylflat DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 7W; 550Lm; 79Lm/W; 3000K; IP44 rated from the front; 50,000hrs (L70B50).

## Technical Assets

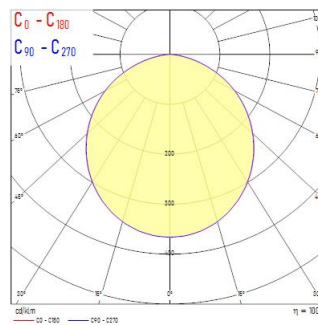
### Dimensions (mm)



### Photometrics

Distance [m]	Core diameter [m]	Illuminance [lx]
0.5	1.42 1.41	772 74
1.0	2.85 2.81	190 18
1.5	4.27 4.22	88 8
2.0	5.69 5.62	46 4
2.5	7.11 7.04	31 3
3.0	8.54 8.44	21 2

Distance [m]    Core diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 180.0°)  
 — C90 - C270 (Half beam angle: 109.9°)



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## General data

Product name	Sylflat 105 IP44 550lm 830 DIM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278197
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	550
Luminaire efficacy (lm/W)	78
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)	7
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)	180
Inrush Current (A)	2.35
Inrush Duration (µs)	120
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	133
Max. products per 13A C Breaker	173
Max. products per 16A C Breaker	213
Max. products per 20A C Breaker	267
Max. products per 10A B Breaker	133
Max. products per 13A B Breaker	173
Max. products per 16A B Breaker	213
Max. products per 20A B Breaker	267

## Lifetime data

Lifespan L70 B50	60000
Lifespan L90 B10	23000

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## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	120
Weight (kg)	0.237

## Packaging

Product EAN number	5410288539881
Packaging single length / height (cm)	19.5
Packaging single width (cm)	12.5
Packaging single depth (cm)	4.2
DUN14 (inner)	15410288539888
Units per outer package	15
Packaging outer length / height (cm)	39.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	21.0

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40