

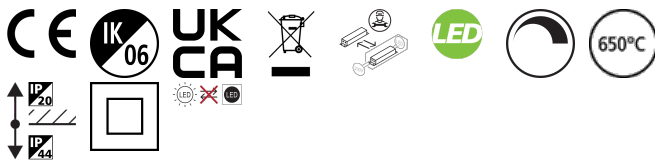
SylFlat LED Dimmable - Recessed

Sylflat 105 IP44 600lm 840 DIM
0053989



Product features

- Sylflat DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 7W; 600Lm; 86Lm/W; 4000K; IP44 rated from the front; 50,000hrs (L70B50).



PRODUCT OVERVIEW

Product name	Sylflat 105 IP44 600lm 840 DIM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278198
Warranty	5 years
Fixture luminous flux (lm)	600
Luminaire efficacy (lm/W)	85
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	7
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288539898

DATA TABLE

General data

Product name	Sylflat 105 IP44 600lm 840 DIM
Technology	LED

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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	4278198
Warranty	5 years

Optical data

Fixture luminous flux (lm)	600
Luminaire efficacy (lm/W)	85
Colour temperature (K)	4000
Light colour	Cool 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
Mains voltage (V)	220-240V~
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
Drive current (mA)	180
Inrush Current (A)	2.35
Inrush Duration (µs)	120
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	133
Max. Luminaires per 13A C Breaker	173
Max. Luminaires per 16A C Breaker	213
Max. Luminaires per 20A C Breaker	267
Max. Luminaires per 10A B Breaker	133
Max. Luminaires per 13A B Breaker	173
Max. Luminaires per 16A B Breaker	213
Max. Luminaires per 20A B Breaker	267

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Lifetime data

Lifespan L70 B50	50000
Lifespan L80 B50	50000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	Other
Nominal Product Length (mm)	120
Nominal Product Width (mm)	120
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	120
Cutout Dimensions (W x L in mm or Diameter in mm)	105
Weight (kg)	0.237

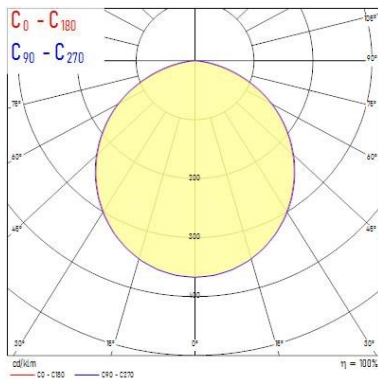
Packaging

Single packaging type	Carton
Product EAN number	5410288539898
Packaging single length / height (cm)	19.5
Packaging single width (cm)	12.5
Packaging single depth (cm)	4.2
DUN14 (outer)	15410288539895
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

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{10°} [lx]	E _{30°} [lx]	E _{45°} [lx]	E _{60°} [lx]	E _{75°} [lx]	E _{90°} [lx]
0.5	1.41 1.43	285	54.8*	54	55.0*	54	52	52
1.0	2.81 2.86	216	54.8*	54	55.0*	54	52	52
1.5	4.22 4.28	96	54.8*	54	55.0*	54	52	52
2.0	5.63 5.71	54	54.8*	54	55.0*	54	52	52
2.5	7.04 7.14	36	54.8*	54	55.0*	54	52	52
3.0	8.44 8.57	24	54.8*	54	55.0*	54	52	52

Distance [m] Cone diameter [m] Illuminance [lx]

— C₀ - C₁₈₀ (Half beam angle: 110.0°)
— C₉₀ - C₂₇₀ (Half beam angle: 109.2°)

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TECHNICAL DRAWINGS

