

## SylFlat LED Non Dimmable - Recessed

SYLFLAT 1000 ROUND 4000K  
0053294



### Product features

- Integrated round recessed 165mm diameter LED downlight providing uniform distribution with an opal diffuser, 110° beam angle, 1000LM, 12W, 83lm/W, 4000K, CRI80, non-dimmable, IP20, IK03, 30,000hrs (L70)



### PRODUCT OVERVIEW

Product name	SYLFLAT 1000 ROUND 4000K
Technology	LED
Housing	Other
Mount	Ceiling recessed mounting
Environment	Internal
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4274332
E-number SE	7470734
Warranty	3 years
Fixture luminous flux (lm)	1000
Luminous flux (lm)	960
Luminaire efficacy (lm/W)	83
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Integrated
Dimmable	No
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288532943

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### DATA TABLE

#### General data

Product name	SYLFLAT 1000 ROUND 4000K
Technology	LED
Housing	Other
Mount	Ceiling recessed mounting
Environment	Internal
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4274332
E-number SE	7470734
Warranty	3 years

#### Optical data

Fixture luminous flux (lm)	1000
Luminous flux (lm)	960
Luminaire efficacy (lm/W)	83
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	5
Adjustable chromaticity	N
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0

#### Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Integrated
Dimmable	No
Drive current (mA)	105
Inrush Current (A)	4
Inrush Duration (µs)	51
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	13
Max. Luminaires per 16A C Breaker	20

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### Lifetime data

Lifespan L70 B50	30000
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### Physical data

Housing colour	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	165
Nominal Product Width (mm)	165
Nominal Product Height (mm)	27
Nominal Product Diameter (mm)	165
Cutout Dimensions (W x L in mm or Diameter in mm)	150
Max. Lamp Diameter (mm) - D	165
Weight (kg)	0.178
Recessed Depth (mm)	27

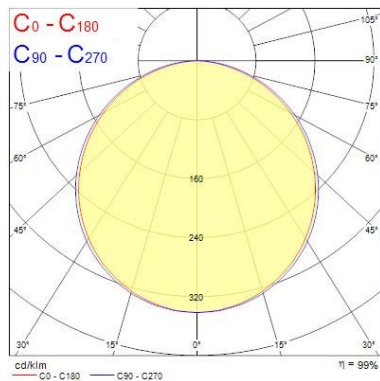
### Packaging

Single packaging type	Carton
Product EAN number	5410288532943
Packaging single length / height (cm)	23.6
Packaging single width (cm)	6.6
Packaging single depth (cm)	17.7
DUN14 (outer)	15410288532940
Units per outer package	6
Packaging outer length / height (cm)	43.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	20.0

### Safety data

Optimal operating condition (°C)	-10-40
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.56	1519	57.4°	119
	1.49	152	56.1°	132
1.0	3.13	379	57.4°	30
	2.98	33	56.1°	33
1.5	4.69	168	57.4°	13
	4.46	15	56.1°	15
2.0	6.25	96	57.4°	7
	5.95	6	56.1°	6
2.5	7.82	61	57.4°	5
	7.44	5	56.1°	5
3.0	9.38	42	57.4°	3
	8.93	3	56.1°	4

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

— C0 - C180 (Half beam angle: 112.2°)      — C90 - C270 (Half beam angle: 114.6°)

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### TECHNICAL DRAWINGS

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