

SylCircle DualTone

SYLCIRCLE IP44 1550LM DIM 830/840 DUALTONE

0043504



Product features

- Ceiling / wall luminaire with integrated LED. Perfect solution for hallways, circulation spaces or foyer. Even and uniform light distribution with a halo lighting effect on the wall surface. Body Size diameter 330mm. Besa mounting box compatible, hole distance 51mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. Power 18W, output 1550 lumens (4000k). Dimmable, leading/trailing edge. IK03, IP44. Low maintenance with 30,000 hours LED life expectancy. Energy Class: A++, A+, A



PRODUCT OVERVIEW

Product name	SYLCIRCLE IP44 1550LM DIM 830/840 DUALTONE
Technology	LED
Housing	Steel
General application	Hospitality
ETIM Class	EC002892
Warranty	3 years
Fixture luminous flux (lm)	1550
Luminaire efficacy (lm/W)	90
Colour temperature (K)	4000
Light colour	Amber White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	18
Electrical protection	Class I
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	High (>40%)
Housing colour	White
IP rating	IP44
IK rating	IK03
Product EAN number	5410288435046
Light source included	SAX0000A_0000

DATA TABLE

General data

Product name	SYLCIRCLE IP44 1550LM DIM 830/840 DUALTONE
Technology	LED
Housing	Steel
General application	Hospitality
Operating temperature range (°C)	-20°C - 40°C

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Performance ambient temperature Tq (°C) 25

ETIM Class EC002892

Warranty 3 years

Optical data

Fixture luminous flux (lm) 1550

Luminaire efficacy (lm/W) 90

Colour temperature (K) 4000

Correlated colour temperature range (K) 3000 - 4000

Light colour Amber White or Neutral White

CRI (Ra) 80

Colour Variation Initial (SDCM) SDCM6

Beam Angle (°) 120

Distribution type Diffuse

Photobiological Risk Group RG0

Electrical data

Total power consumption (W) 18

Mains voltage (V) 220-240V~

Lamp power factor 0.9

Electrical protection Class I

Dimmable Yes

Minimum dimming level (%) 10

Drive current (mA) 131

Inrush Current (A) 3

Inrush Duration (µs) 30

Glow Wire Test (°C) 650

Nominal Frequency (Hz) 50/60Hz

LED Flickering Rate High (>40%)

Max. Luminaires per 10A C Breaker 10

Max. Luminaires per 13A C Breaker 13

Max. Luminaires per 16A C Breaker 16

Max. Luminaires per 20A C Breaker 20

Max. Luminaires per 10A B Breaker 6

Max. Luminaires per 13A B Breaker 8

Max. Luminaires per 16A B Breaker 10

Max. Luminaires per 20A B Breaker 12

Lifetime data

Lifespan L70 B50 30000

Physical data

Housing colour White

IP rating IP44

IK rating IK03

Diffuser finish Opal

Diffuser material Polypropylene

Nominal Product Length (mm) 330

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Nominal Product Width (mm)	330
Nominal Product Height (mm)	96
Nominal Product Diameter (mm)	330
Weight (kg)	0.59

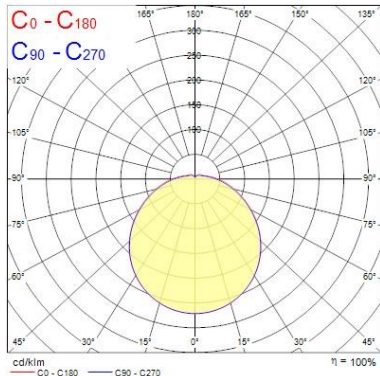
Packaging

Single packaging type	Carton
Product EAN number	5410288435046
Packaging single length / height (cm)	33.2
Packaging single width (cm)	9.9
Packaging single depth (cm)	33.2
DUN14 (outer)	15410288435043
Units per outer package	6
Packaging outer length / height (cm)	64.2
Packaging outer width (cm)	36.5
Packaging outer depth (cm)	37.0

Safety data

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

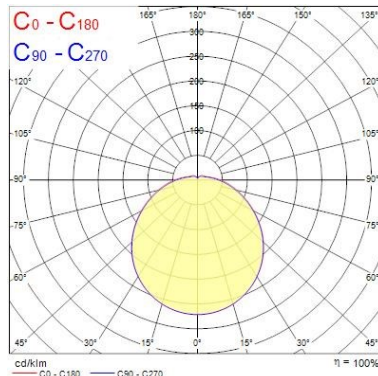


Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁₀ [lx]	E ₃₀ [lx]	E ₄₅ [lx]
0.5	1.66 1.69	1883	55.9° 115	59.4° 111	
1.0	3.32 3.38	471	55.9° 28	59.4° 25	
1.5	4.97 5.07	187	55.9° 13	59.4° 12	
2.0	6.63 6.76	105	55.9° 7	59.4° 7	
2.5	8.29 8.45	67	55.9° 5	59.4° 4	
3.0	9.95 10.15	47	55.9° 3	59.4° 3	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 118.8°)
 — C90 - C270 (Half beam angle: 117.8°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁₀ [lx]	E ₃₀ [lx]	E ₄₅ [lx]
0.5	1.66 1.69	1547	55.9° 107	59.4° 102	
1.0	3.32 3.38	387	55.9° 27	59.4° 25	
1.5	4.97 5.07	172	55.9° 12	59.4° 11	
2.0	6.63 6.76	97	55.9° 7	59.4° 6	
2.5	8.29 8.45	62	55.9° 4	59.4° 4	
3.0	9.95 10.15	43	55.9° 3	59.4° 3	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 118.8°)
 — C90 - C270 (Half beam angle: 117.8°)



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TECHNICAL DRAWINGS

