

SylCircle DualTone

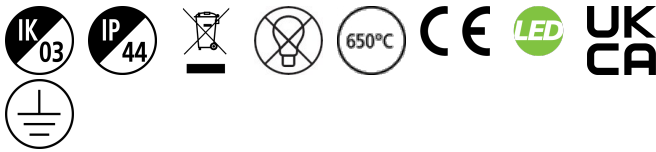
SYLCIRCLE IP44 520LM 830/840 DUALTONE

0043496



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 180mm. Besa mounting box compatible, hole distance 51mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. Power 6W, output 520 lumens (4000k). Non-dimmable. IK03, IP44. Low maintenance with 30,000 hours LED life expectancy. Energy Class: A++, A+, A



NOTES

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PRODUCT OVERVIEW

Product name	SYLCIRCLE IP44 520LM 830/840 DUALTONE
Technology	LED
Housing	Steel
General application	Hospitality
ETIM Class	EC002892
Warranty	3 years
Fixture luminous flux (lm)	520
Luminaire efficacy (lm/W)	85
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)	6
Electrical protection	Class I
Dimmable	No
Minimum dimming level (%)	100
LED Flickering Rate	High (>40%)
Housing colour	White
IP rating	IP44
IK rating	IK03
Product EAN number	5410288434964
Light source included	SAX0000A_0000

DATA TABLE

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General data

Product name	SYLCIRCLE IP44 520LM 830/840 DUALTONE
Technology	LED
Housing	Steel
General application	Hospitality
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	3 years

Optical data

Fixture luminous flux (lm)	520
Luminaire efficacy (lm/W)	85
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)	6
Mains voltage (V)	220-240V~
Lamp power factor	0.8
Electrical protection	Class I
Dimmable	No
Minimum dimming level (%)	100
Drive current (mA)	19
Inrush Current (A)	0.5
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	60
Max. Luminaires per 13A C Breaker	78
Max. Luminaires per 16A C Breaker	96
Max. Luminaires per 20A C Breaker	120
Max. Luminaires per 10A B Breaker	36
Max. Luminaires per 13A B Breaker	47
Max. Luminaires per 16A B Breaker	58
Max. Luminaires per 20A B Breaker	72

Lifetime data

Lifespan L70 B50	30000
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Physical data

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Housing colour	White
IP rating	IP44
IK rating	IK03
Diffuser finish	Opal
Diffuser material	Polypropylene
Nominal Product Length (mm)	180
Nominal Product Width (mm)	180
Nominal Product Height (mm)	75
Nominal Product Diameter (mm)	180
Weight (kg)	0.17

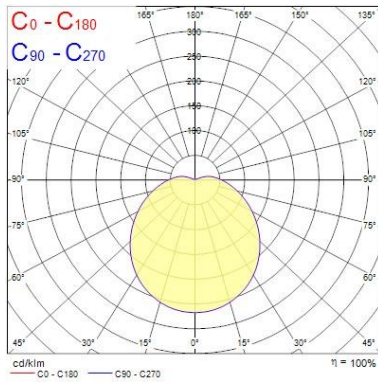
Packaging

Single packaging type	Carton
Product EAN number	5410288434964
Packaging single length / height (cm)	18.2
Packaging single width (cm)	7.8
Packaging single depth (cm)	18.2
DUN14 (outer)	15410288434961
Units per outer package	6
Packaging outer length / height (cm)	51.6
Packaging outer width (cm)	21.5
Packaging outer depth (cm)	22.0

Safety data

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



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	1.76	803	30	30
1.0	3.52	198	8	8
1.5	5.28	86	3	3
2.0	7.04	31	2	2
2.5	8.80	20	1	1
3.0	10.56	14	1	1

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 120.8°)

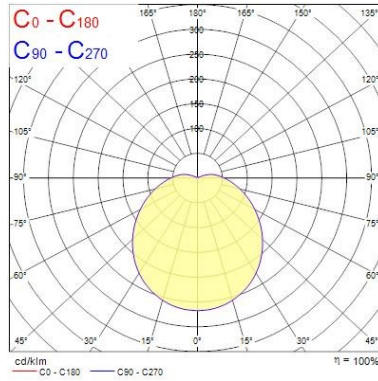
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0.5	1.76	E(0°) E(C0)	60.4°	557 34
1.0	3.52	E(0°) E(C0)	60.4°	139 9
1.5	5.28	E(0°) E(C0)	60.4°	62 4
2.0	7.04	E(0°) E(C0)	60.4°	38 2
2.5	8.80	E(0°) E(C0)	60.4°	22 1
3.0	10.56	E(0°) E(C0)	60.4°	15 1

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

— C0 - C180 (Half beam angle: 120.8°)



TECHNICAL DRAWINGS

