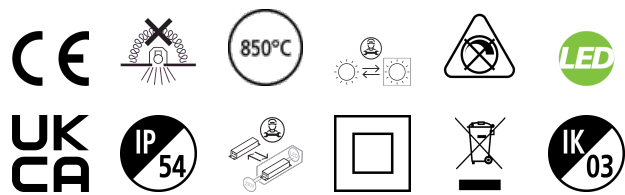


SYLCIRCLE IP54 500/2000LM 830/840 DT

Item No: 0090121



YourHome



Range of wall or ceiling mounted LED luminaires developed for hallways, kitchens and bathrooms (with IP54 degree of protection against dust, water vapour and splashes). Dual-Tone colour temperature enables switch between 3000K and 4000K. Multi-Power to switch between lumens in a single device. Body Size diameter is 300mm. Can be wall or ceiling mounted BESA mounting box compatible. IK03 rated white opal diffuser. Even and uniform light distribution. High efficiency of up to 120 lumen/Watt (4000K). Low maintenance with 30,000 hour LED life expectancy.

Technical Assets

Photometrics

General data

Product name	SYLCIRCLE IP54 500/2000LM 830/840 DT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Retail
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC002892
Warranty	3 years

Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	120
Light colour	Amber White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG1

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SYLVANIA

Electrical data

Total power consumption (W)	16.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	100
Inrush Current (A)	14
Inrush Duration (µs)	100
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	65
Max. products per 20A C Breaker	79
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L70 B20	120000
Lifespan L70 B10	120000
Lifespan L80 B50	105000
Lifespan L80 B20	95000
Lifespan L80 B10	89000
Lifespan L90 B50	51000
Lifespan L90 B20	47000
Lifespan L90 B10	44000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP54
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	300
Weight (kg)	0.57

Packaging

Product EAN number	5410288901213
Packaging single length / height (cm)	32.0
Packaging single width (cm)	32.0
Packaging single depth (cm)	10.0
DUN14 (inner)	15410288901210
Units per outer package	6
Packaging outer length / height (cm)	62.8
Packaging outer width (cm)	33.3
Packaging outer depth (cm)	33.8

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40