

YourHome Spot IP65 SYLSPOT 500LM IP65 SUNDIM WHT 0005282



Product features

- Integrated LED recessed spotlight, fixed, RAL9016 colour, 500lm, 7.0W, phase dim-to-warm trailing/leading edge, 3000K to 2200K, 100° degree beam angle, polycarbonate white body, low profile 47mm recessed depth, IP65 from the front, IK03, loop-in/loop-out terminals for fast wiring, 86mm bezel diameter, 68-74mm cutout, frosted lens. Additional silver bezel included in the packaging.



PRODUCT OVERVIEW

Product name	SYLSPOT 500LM IP65 SUNDIM WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	500
Luminaire efficacy (lm/W)	71
Colour Code	830
Light colour	Warm White-Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	7
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
Housing colour	White
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288052823

DATA TABLE

General data

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Product name	SYLSPOT 500LM IP65 SUNDIM WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	500
Luminaire efficacy (lm/W)	71
Correlated colour temperature range (K)	2200 - 3000
Colour Code	830
Light colour	Warm White-Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Distribution type	Symmetric
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

Electrical data

Total power consumption (W)	7
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.90
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	50
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
Drive current - Range (mA)	7mA / 70mA
Inrush Current (A)	10
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	80
Max. products per 16A C Breaker	100

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Max. products per 20A C Breaker	120
Max. products per 16A B Breaker	100
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	White
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Reflector finish	None
Nominal Product Height (mm)	47
Nominal Product Diameter (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	68-74
Weight (kg)	0.094

Packaging

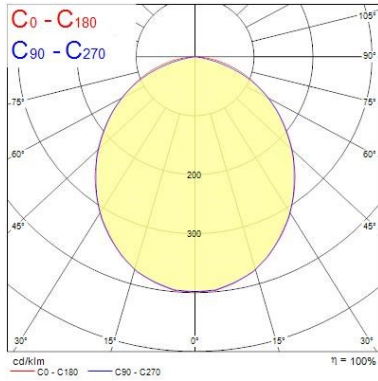
Single packaging type	Carton
Product EAN number	5410288052823
Packaging single length / height (cm)	9.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	9.0
DUN14 (inner)	25410288052827
Units per inner package	6
Packaging inner length / height (cm)	28.7
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.3
DUN14 (outer)	15410288052820
Units per outer package	48
Packaging outer length / height (cm)	38.1
Packaging outer width (cm)	30.5
Packaging outer depth (cm)	41.6

Safety data

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

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Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.23	E(C) 791
	1.22	E(C90) 51.0° 99
		E(C0) 50.7° 102
1.0	2.47	E(C) 199
	2.44	E(C90) 51.0° 208
		E(C0) 50.7° 214
1.5	3.70	E(C) 99
	3.67	E(C90) 51.0° 111
		E(C0) 50.7° 111
2.0	4.94	E(C) 60
	4.89	E(C90) 51.0° 66
		E(C0) 50.7° 66
2.5	6.17	E(C) 32
	6.11	E(C90) 51.0° 44
		E(C0) 50.7° 44
3.0	7.41	E(C) 22
	7.33	E(C90) 51.0° 33
		E(C0) 50.7° 33

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 101.4°)
 — C90 - C270 (Half beam angle: 102.0°)

TECHNICAL DRAWINGS

