

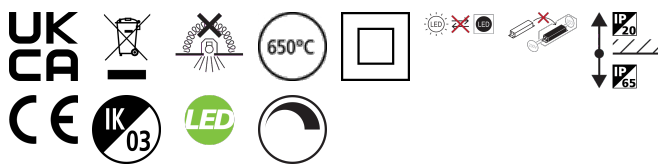
YourHome Spot IP65

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
Useful luminous flux (Fuse)	500
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

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General data

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

Useful luminous flux (Fuse)	500
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
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

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Max. products per 13A C Breaker	80
Max. products per 16A C Breaker	100
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
Weight (kg)	0.094

Packaging

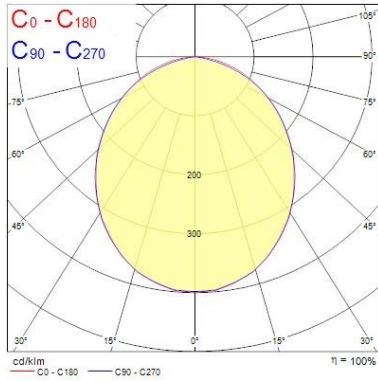
Product EAN number	5410288052823
Packaging single length / height (cm)	9.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	9.0
DUN14 (inner)	25410288052827
Units per inner package	6
Packaging inner length / height (cm)	28.7
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.3
DUN14 (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]	Beam type	Illuminance [lx]
0.5	1.23	E(C)	791
	1.22	E(C90)	99
	1.22	E(C0)	102
1.0	2.47	E(C)	199
	2.44	E(C90)	25
	2.44	E(C0)	26
1.5	3.70	E(C)	89
	3.67	E(C90)	11
	3.67	E(C0)	11
2.0	4.94	E(C)	50
	4.89	E(C90)	6
	4.89	E(C0)	6
2.5	6.17	E(C)	32
	6.11	E(C90)	4
	6.11	E(C0)	4
3.0	7.41	E(C)	22
	7.33	E(C90)	3
	7.33	E(C0)	3

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

— C0 - C180 (Half beam angle: 101.4°)
— C90 - C270 (Half beam angle: 102.0°)

TECHNICAL DRAWINGS

