

YourHome Spot IP44
SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK
0090030



Product features

- Integrated LED recessed spotlight, vertical tilt 30°, RAL9016 colour, 480lm, 5.5W, phase dimmable trailing/leading edge, 4000K, 38° degree beam angle, polycarbonate white body, low profile 47mm recessed depth, IP44 from the front, IK03, loop-in/loop-out terminals for fast wiring, 86mm bezel diameter, 68-74mm cutout, clear lens. Additional silver bezel included in the packaging. Pack of 3 Pieces.



PRODUCT OVERVIEW

Product name	SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK
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)	550
Luminous flux (lm)	550
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm White-Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	38
Photobiological Risk Group	RG1
Total power consumption (W)	5.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288900308

DATA TABLE

General data

YourHome Spot IP44

SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK

0090030

Product name	SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK
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)	550
Luminous flux (lm)	550
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Correlated colour temperature range (K)	2700 - 4000
Light colour	Warm White-Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	38
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	5.5
Mains voltage (V)	220-240V
Lamp power factor	0.6
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	90
Electrical protection	Class II
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	17
Drive current - Range (mA)	2mA / 17mA
Inrush Current (A)	5.5
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	132
Max. Luminaires per 13A C Breaker	174
Max. Luminaires per 16A C Breaker	222
Max. Luminaires per 20A C Breaker	270

YourHome Spot IP44

SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK

0090030

Max. Luminaires per 10A B Breaker	78
Max. Luminaires per 16A B Breaker	132

Lifetime data

Lifespan L70 B50	57000
Lifespan L70 B20	54000
Lifespan L70 B10	53000
Lifespan L80 B50	36000
Lifespan L80 B20	34000
Lifespan L80 B10	33000
Lifespan L90 B50	17000
Lifespan L90 B20	16000
Lifespan L90 B10	16000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	None
Nominal Product Height (mm)	45.5
Nominal Product Diameter (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	68-74
Weight (kg)	0.245

Packaging

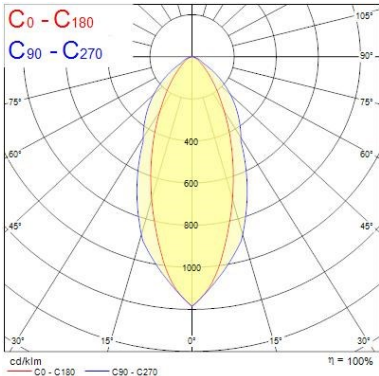
Single packaging type	Carton
Product EAN number	5410288900308
Packaging single length / height (cm)	29.2
Packaging single width (cm)	5.9
Packaging single depth (cm)	9.9
DUN14 (outer)	15410288900305
Units per outer package	16
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	28.0
Packaging outer depth (cm)	40.5

Safety data

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

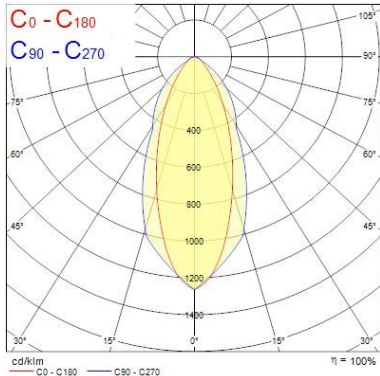
PHOTOMETRY

YourHome Spot IP44
SYLSPOT 550LM 3-CCT IP44 D WH 3-PACK
0090030



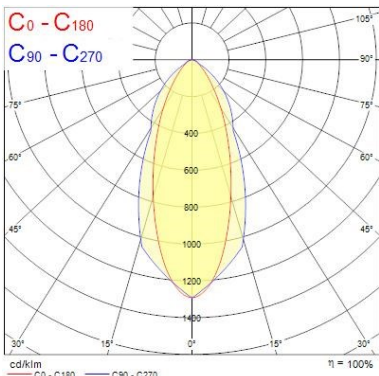
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.47 0.34	2580 964 1082
1.0	0.93 0.69	645 241 273
1.5	1.40 1.03	287 107 121
2.0	1.87 1.38	161 60 68
2.5	2.33 1.72	103 39 44
3.0	2.80 2.07	72 27 30

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 38.0°)
C90 - C270 (Half beam angle: 50.0°)



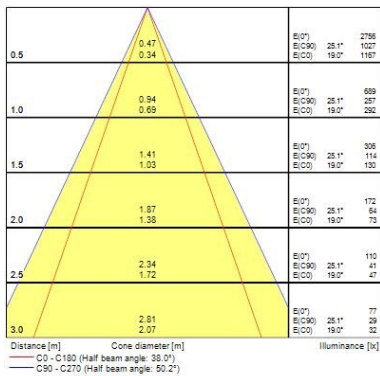
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.48 0.35	2574 945 1083
1.0	0.96 0.70	644 236 271
1.5	1.44 1.05	286 106 120
2.0	1.92 1.40	161 59 68
2.5	2.40 1.75	103 38 44
3.0	2.87 2.10	72 28 30

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 38.0°)
C90 - C270 (Half beam angle: 51.2°)



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.47 0.34	2786 1027 1167
1.0	0.94 0.69	699 257 292
1.5	1.41 1.03	306 114 130
2.0	1.87 1.38	172 64 73
2.5	2.34 1.72	110 41 47
3.0	2.81 2.07	77 29 32

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 38.0°)
C90 - C270 (Half beam angle: 50.2°)



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.47 0.34	2786 1027 1167
1.0	0.94 0.69	699 257 292
1.5	1.41 1.03	306 114 130
2.0	1.87 1.38	172 64 73
2.5	2.34 1.72	110 41 47
3.0	2.81 2.07	77 29 32

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 38.0°)
C90 - C270 (Half beam angle: 50.2°)

TECHNICAL DRAWINGS

