

## YourHome Spot IP65

*YOURHOME SPOT 540LM 830 IP65 DIM WHITE*

0005279



### Product features

- Integrated LED recessed spotlight, fixed, RAL9016 colour, 540lm, 7.0W, phase dimmable trailing/leading edge, 3000K, 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. Lifetime: 30.000 hours at L70. Energy Class: A++, A+, A.



### NOTES

undefined

### PRODUCT OVERVIEW

Product name	YOURHOME SPOT 540LM 830 IP65 DIM WHITE
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	540
Luminaire efficacy (lm/W)	77
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	7
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
Housing colour	White
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288052793
Light source included	SAX0000A_0000

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### DATA TABLE

#### General data

<b>Product name</b>	YOURHOME SPOT 540LM 830 IP65 DIM WHITE
<b>Technology</b>	LED
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling recessed mounting
<b>Environment</b>	Indoor
<b>General application</b>	Residential & Consumer
<b>Operating temperature range (°C)</b>	-10°C - 40°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>Warranty</b>	3 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	540
<b>Luminaire efficacy (lm/W)</b>	77
<b>Colour temperature (K)</b>	3000
<b>Colour Code</b>	830
<b>Light colour</b>	Warm White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	SDCM6
<b>Beam Angle (°)</b>	100
<b>Distribution type</b>	Direct
<b>Photobiological Risk Group</b>	RG0
<b>Lumen maintenance at end of nominal life (%)</b>	70

#### Electrical data

<b>Total power consumption (W)</b>	7
<b>Mains voltage (V)</b>	220-240V~
<b>Lamp power factor</b>	0.85
<b>Electrical protection</b>	Class II
<b>Dimmable</b>	Yes
<b>Minimum dimming level (%)</b>	10
<b>Drive current (mA)</b>	70
<b>Inrush Current (A)</b>	10
<b>Inrush Duration (µs)</b>	200
<b>Glow Wire Test (°C)</b>	650
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>LED Flickering Rate</b>	Medium (21% - 40%)
<b>Max. Luminaires per 10A C Breaker</b>	60
<b>Max. Luminaires per 13A C Breaker</b>	80
<b>Max. Luminaires per 16A C Breaker</b>	100
<b>Max. Luminaires per 20A C Breaker</b>	120

#### Lifetime data

<b>Lifespan L70 B50</b>	30000
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### Physical data

Housing colour	White
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	87
Nominal Product Width (mm)	87
Nominal Product Height (mm)	47
Nominal Product Diameter (mm)	87
Weight (kg)	0.087

### Packaging

Single packaging type	Carton
Product EAN number	5410288052793
Packaging single length / height (cm)	9.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	5.5
DUN14 (inner)	25410288052797
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.0
DUN14 (outer)	15410288052790
Units per outer package	48
Packaging outer length / height (cm)	38.0
Packaging outer width (cm)	24.0
Packaging outer depth (cm)	29.5

### Safety data

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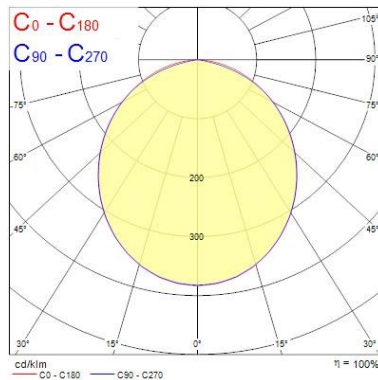
## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	825
0.5	1.32 1.31	82.8°	82.8°	82.8°	82
1.0	2.63 2.62	207	207	207	1213
1.5	3.95 3.92	92	92	92	1019
2.0	5.27 5.23	55	55	55	611
2.5	6.59 6.54	44	44	44	478
3.0	7.90 7.85	33	33	33	359

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

— C0 - C180 (Half beam angle: 105.2°)

— C90 - C270 (Half beam angle: 105.6°)



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### TECHNICAL DRAWINGS

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