

YourHome Spot IP65

YOURHOME SPOT LV 630LM 3-CCT DIM IP65 WH

0005257



Product features

- Integrated LED recessed spotlight, RAL9016 colour, 630lm, 7.0W, phase dimmable, 2700K/3000K/4000K, 110° degree beam angle, ABS plastic white body, low profile 47mm recessed depth, IP65 from the front, IK03, loop-in/loop-out terminals for fast wiring, 87mm bezel diameter, 68-74mm cutout, clear lens. Can be covered with insulation. Fixture can be covered with insulation. Additional silver bezel included in the packaging.



PRODUCT OVERVIEW

Product name	YOURHOME SPOT LV 630LM 3-CCT DIM IP65 WH
Technology	LED
Cap/Base	N/A
Housing	ABS Plastic
Mount	Ceiling recessed mounting
General application	Hospitality, Residential & Consumer
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	630
Luminaire efficacy (lm/W)	90
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
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
Housing colour	White
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288052571

DATA TABLE

General data

Product name	YOURHOME SPOT LV 630LM 3-CCT DIM IP65 WH
Technology	LED
Cap/Base	N/A

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0005257

Housing	ABS Plastic
Mount	Ceiling recessed mounting
General application	Hospitality, 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)	630
Luminaire efficacy (lm/W)	90
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Distribution type	Symmetric
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	7
Mains voltage (V)	220-240V
Lamp power factor	0.85
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	50
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	300
Drive current - Range (mA)	30mA / 300mA
Inrush Current (A)	4
Inrush Duration (µs)	40
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	103
Max. Luminaires per 13A C Breaker	130
Max. Luminaires per 16A C Breaker	163
Max. Luminaires per 10A B Breaker	103
Max. Luminaires per 13A B Breaker	130
Max. Luminaires per 16A B Breaker	163

Lifetime data

Lifespan L70 B50	86000
Lifespan L80 B50	52000

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0005257

Lifespan L90 B50	23000
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Physical data

Housing colour	White
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Reflector finish	None
Nominal Product Length (mm)	87
Nominal Product Width (mm)	87
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)	0.18

Packaging

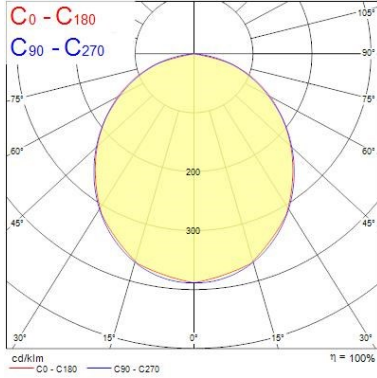
Single packaging type	Carton
Product EAN number	5410288052571
Packaging single length / height (cm)	13.1
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.4
DUN14 (inner)	25410288052575
Units per inner package	4
Packaging inner length / height (cm)	33.9
Packaging inner width (cm)	15.5
Packaging inner depth (cm)	14.0
DUN14 (outer)	15410288052578
Units per outer package	24
Packaging outer length / height (cm)	34.5
Packaging outer width (cm)	33.1
Packaging outer depth (cm)	45.3

Safety data

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

YourHome Spot IP65 YOURHOME SPOT LV 630LM 3-CCT DIM IP65 WH 0005257

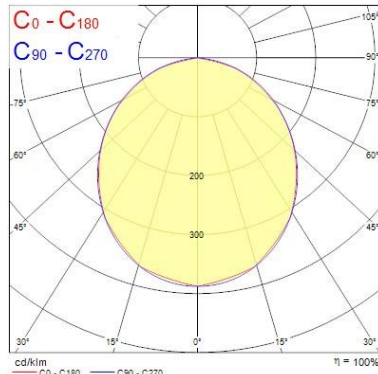


Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	1.29	E(0°) 908 E(C90) 104 E(C0) 105	
1.0	2.59	E(0°) 227 E(C90) 26 E(C0) 28	
1.5	3.88	E(0°) 101 E(C90) 12 E(C0) 12	
2.0	5.18	E(0°) 57 E(C90) 7 E(C0) 7	
2.5	6.47	E(0°) 36 E(C90) 4 E(C0) 4	
3.0	7.76	E(0°) 25 E(C90) 3 E(C0) 3	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 104.6°)
 C90 - C270 (Half beam angle: 104.6°)

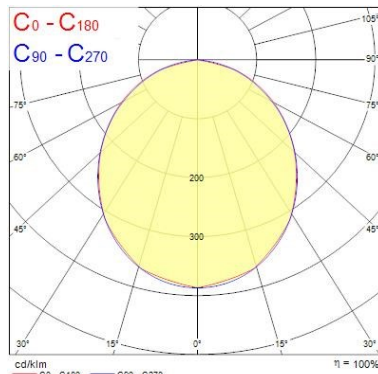
Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	1.29	E(0°) 1064 E(C90) 122 E(C0) 123	
1.0	2.59	E(0°) 266 E(C90) 30 E(C0) 31	
1.5	3.88	E(0°) 118 E(C90) 14 E(C0) 14	
2.0	5.18	E(0°) 67 E(C90) 8 E(C0) 8	
2.5	6.47	E(0°) 43 E(C90) 5 E(C0) 5	
3.0	7.76	E(0°) 30 E(C90) 3 E(C0) 3	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 104.6°)
 C90 - C270 (Half beam angle: 104.6°)



Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	1.29	E(0°) 1066 E(C90) 121 E(C0) 121	
1.0	2.59	E(0°) 264 E(C90) 30 E(C0) 30	
1.5	3.88	E(0°) 117 E(C90) 13 E(C0) 13	
2.0	5.18	E(0°) 68 E(C90) 8 E(C0) 8	
2.5	6.47	E(0°) 42 E(C90) 5 E(C0) 5	
3.0	7.76	E(0°) 29 E(C90) 3 E(C0) 3	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 104.6°)



TECHNICAL DRAWINGS

