

Features

• Integrated LED recessed spotlight, 2-axis adjustable (horizontal rotation 360°, vertical tilt 30°) , white bezel colour, 3 CCT options of 2700-3000-4000k, lumen up to 550lm, 5.4W, dimmable trailing/leading edge, 38° degree beam angle, aluminium and steel body, low profile 37mm recessed depth, IP65 frontal degree, IK03, loop-in/loop-out terminals for fast wiring, 68mm cutout, clear lens. Air-proof, to limit air leakage when used in residential applications within the building’s thermal envelope. Directly coverable with insulation material according to EN60598-1

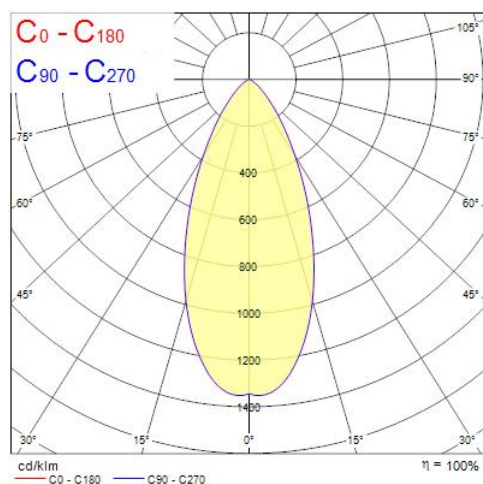
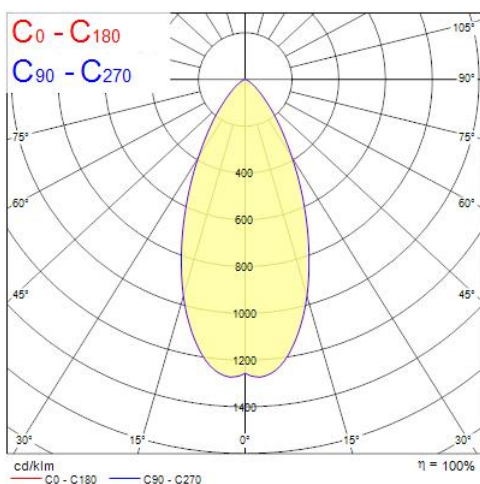
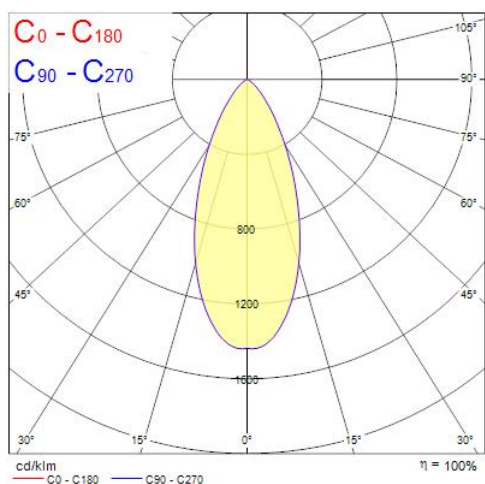
Product Overview

Product name	OBICO 68 IP65 550lm 3CCT DIM ADJ WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4278505
Fixture luminous flux (lm)	550
Luminaire efficacy (lm/W)	102
Colour temperature (K)	3000
Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	6
Beam Angle (°)	38
Photobiological Risk Group	RG1
Total power consumption (W)	5.4
Electrical protection	Class II

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Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288053639
Warranty	5 years
Dimming method	Mains: leading / trailing edge

Photometry



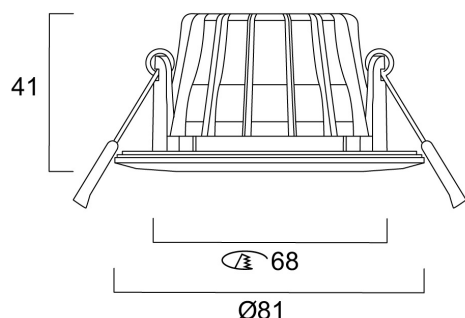
0.5	0.40	$E(0^\circ)$ $E(C0)$	2960 1183
1.0	0.81	$E(0^\circ)$ $E(C0)$	738 296
1.5	1.21	$E(0^\circ)$ $E(C0)$	328 131
2.0	1.62	$E(0^\circ)$ $E(C0)$	184 74
2.5	2.02	$E(0^\circ)$ $E(C0)$	118 47
3.0	2.42	$E(0^\circ)$ $E(C0)$	82 33
Distance [m] Cone diameter [m]		Illuminance [lx]	
— C0 - C180 (Half beam angle: 44.0°)			

0.5	0.45	E(0°) E(C0)	2577 998
1.0	0.89	E(0°) E(C0)	644 249
1.5	1.34	E(0°) E(C0)	286 111
2.0	1.78	E(0°) E(C0)	161 62
2.5	2.23	E(0°) E(C0)	103 40
3.0	2.67	E(0°) E(C0)	72 28
Distance [m] Cone diameter [m]		Illuminance [lx]	
— C0 - C180 (Half beam angle: 48.0°)			

0.5	0.42	E(0°) E(C0)	2941 1155
1.0	0.85	E(0°) E(C0)	735 289
1.5	1.27	E(0°) E(C0)	327 128
2.0	1.70	E(0°) E(C0)	184 72
2.5	2.12	E(0°) E(C0)	118 46
3.0	2.55	E(0°) E(C0)	82 32
Distance [m] Cone diameter [m]		Illuminance [lx]	
— C0 - C180 (Half beam angle: 46.0°)			

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Technical drawings



Data table

GENERAL DATA

Product name	OBICO 68 IP65 550lm 3CCT DIM ADJ WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278505
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	550
Luminaire efficacy (lm/W)	102

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Colour temperature (K)	3000
Correlated colour temperature range (K)	2700 - 4000
Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	6
Beam Angle (°)	38
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	5.4
Mains voltage (V)	220-240V
Lamp power factor	0.8
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	42
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	130
Inrush Current (A)	2
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	250
Max. Luminaires per 13A C Breaker	300
Max. Luminaires per 16A C Breaker	400
Max. Luminaires per 20A C Breaker	500
Max. Luminaires per 10A B Breaker	200
Max. Luminaires per 13A B Breaker	250
Max. Luminaires per 16A B Breaker	300
Max. Luminaires per 20A B Breaker	400

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LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	100000
Lifespan L90 B10	50000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	None
Nominal Product Height (mm)	45.5
Nominal Product Diameter (mm)	81
Cutout Dimensions (W x L in mm or Diameter in mm)	68
Weight (kg)	0.21

PACKAGING

Single packaging type	Carton
Product EAN number	5410288053639
Packaging single length / height (cm)	11.5
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.4
DUN14 (inner)	25410288053633
Units per inner package	6
Packaging inner length / height (cm)	29.9
Packaging inner width (cm)	25.2
Packaging inner depth (cm)	12.8
DUN14 (outer)	15410288053636
Units per outer package	36
Packaging outer length / height (cm)	52.1



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Packaging outer width (cm)	31.5
Packaging outer depth (cm)	41.1

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No