

Features

- Integrated LED recessed spotlight, 2-axis adjustable (horizontal rotation 360°, vertical tilt 30°) black 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, IK07, 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

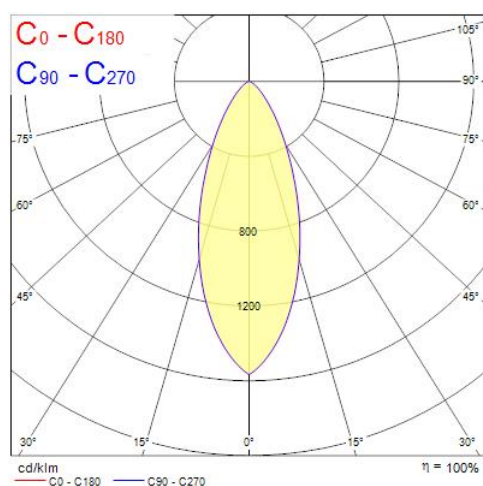
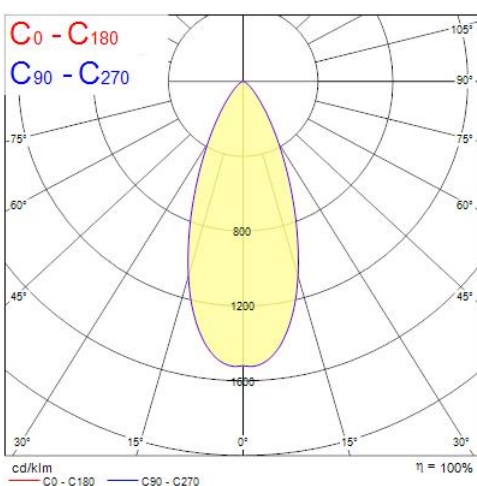
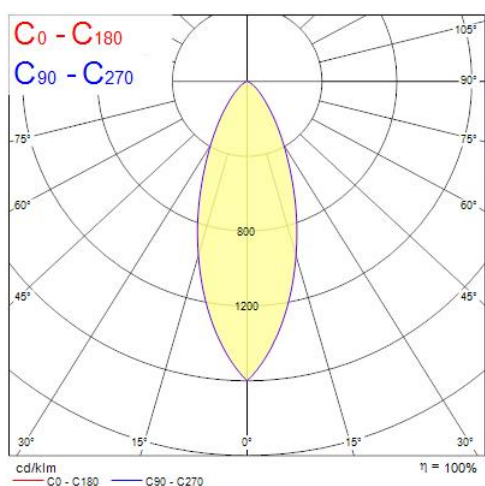
Product Overview

Product name	OBICO 68 IP65 530lm 3CCT DIM ADJ BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4278506
Fixture luminous flux (lm)	530
Luminaire efficacy (lm/W)	98
Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	6
Beam Angle (°)	38
Glare control	< 25
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	RAL9017
IP rating	IP65/20
IK rating	IK07
Product EAN number	5410288053646
Warranty	5 years
Dimming method	Mains: leading / trailing edge

Photometry



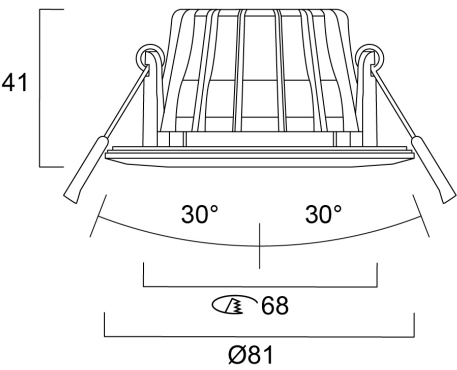
0.5	0.35	E(0°) E(C0)	19.3°	3181 1339
1.0	0.70	E(0°) E(C0)	19.3°	796 335
1.5	1.05	E(0°) E(C0)	19.3°	353 149
2.0	1.40	E(0°) E(C0)	19.3°	199 84
2.5	1.75	E(0°) E(C0)	19.3°	127 54
3.0	2.10	E(0°) E(C0)	19.3°	88 37
Distance [m]		Cone diameter [m]		Illuminance [lx]
C0 - C180 (Half beam angle: 38.6°)				

0.5	0.39	E(0°) E(C0)	21.3°	3129 1277
1.0	0.78	E(0°) E(C0)	21.3°	782 319
1.5	1.17	E(0°) E(C0)	21.3°	348 142
2.0	1.56	E(0°) E(C0)	21.3°	196 80
2.5	1.95	E(0°) E(C0)	21.3°	125 51
3.0	2.34	E(0°) E(C0)	21.3°	87 35
Distance [m]		Cone diameter [m]		Illuminance [lx]
— C0 - C180 (Half beam angle: 42.6°)				

0.5	0.36	E(0°) E(C0)	20.0°	3342 1388
1.0	0.73	E(0°) E(C0)	20.0°	835 347
1.5	1.09	E(0°) E(C0)	20.0°	371 154
2.0	1.46	E(0°) E(C0)	20.0°	209 87
2.5	1.82	E(0°) E(C0)	20.0°	134 56
3.0	2.18	E(0°) E(C0)	20.0°	93 39
Distance [m]		Cone diameter [m]		Illuminance [lx]
C0 - C180 (Half beam angle: 40.0°)				

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Technical drawings



Data table

GENERAL DATA

Product name	OBICO 68 IP65 530lm 3CCT DIM ADJ BLACK
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	4278506
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	530
Luminaire efficacy (lm/W)	98

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Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	6
Beam Angle (°)	38
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	5.4
Current (A)	0.023
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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 (μ s)	100
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	250
Max. products per 13A C Breaker	300
Max. products per 16A C Breaker	400
Max. products per 20A C Breaker	500
Max. products per 10A B Breaker	200
Max. products per 13A B Breaker	250
Max. products per 16A B Breaker	300
Max. products per 20A B Breaker	400

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Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9017
IP rating	IP65/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	41.3
Nominal Product Diameter (mm)	81
Built-in diameter (mm)	68
Weight (kg)	0.21

PACKAGING

Product EAN number	5410288053646
Packaging single length / height (cm)	11.5
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.4
DUN14 (inner)	15410288053643
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)	25410288053640



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Units per outer package	36
Packaging outer length / height (cm)	52.1
Packaging outer width (cm)	31.5
Packaging outer depth (cm)	41.1

SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No