

Obico 68

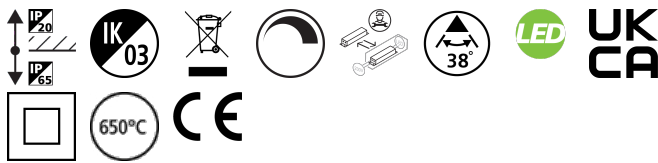
OBICO 68 IP65 530lm 3CCT DIM ADJ BRUSHED CHROME

0005365



Product features

- Integrated LED recessed spotlight, 2-axis adjustable (horizontal rotation 360°, vertical tilt 30°) brushed chrome 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 530lm 3CCT DIM ADJ BRUSHED CHROME
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4278507
Warranty	5 years
Fixture luminous flux (lm)	530
Luminaire efficacy (lm/W)	98
Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	38
Photobiological Risk Group	RG1
Total power consumption (W)	5.4
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Housing colour	Chrome
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288053653

DATA TABLE

General data

Product name	OBICO 68 IP65 530lm 3CCT DIM ADJ BRUSHED CHROME
Technology	LED
Cap/Base	N/A

Obico 68

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0005365

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	4278507
Warranty	5 years

Optical data

Fixture luminous flux (lm)	530
Luminaire efficacy (lm/W)	98
Correlated colour temperature range (K)	2700 - 4000
Light colour	Cool White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM6
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) xx.x %	42
Electrical protection	Class II
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. 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

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B10	100000

Obico 68

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0005365

Lifespan L90 B10	50000
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Physical data

Housing colour	Chrome
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

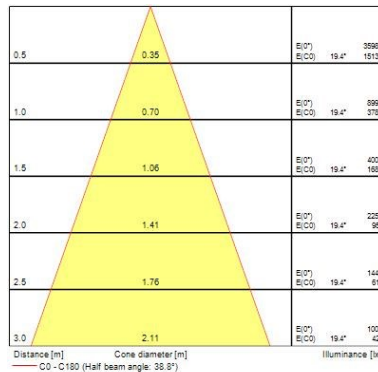
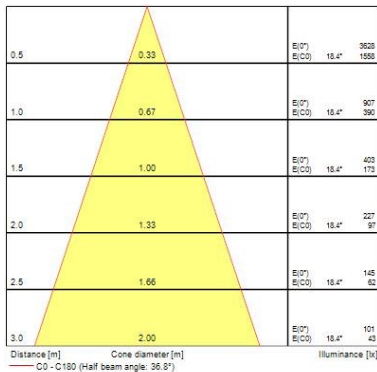
Packaging

Single packaging type	Carton
Product EAN number	5410288053653
Packaging single length / height (cm)	11.5
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.4
DUN14 (inner)	25410288053657
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)	15410288053650
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

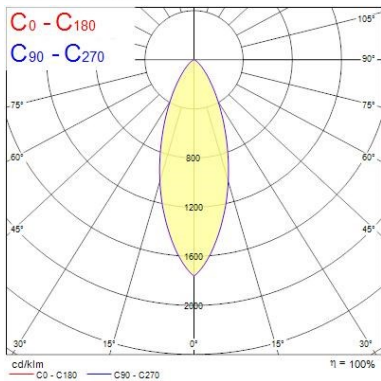
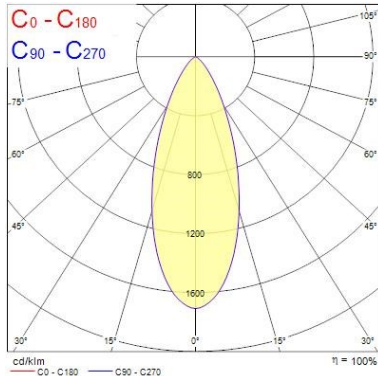
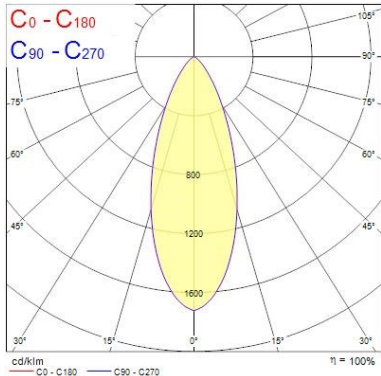
Optimal operating condition (°C)	-20-40
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PHOTOMETRY



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0.5	0.36	E(0°) E(C0)	3431 1442
1.0	0.71	E(0°) E(C0)	888 382
1.5	1.07	E(0°) E(C0)	381 162
2.0	1.42	E(0°) E(C0)	214 92
2.5	1.78	E(0°) E(C0)	137 58
3.0	2.14	E(0°) E(C0)	98 42

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 39.2°)

TECHNICAL DRAWINGS

