

Features

- Integrated LED recessed spotlight, 2-axis adjustable (horizontal rotation 360°, vertical tilt 30°) RAL9016 white bezel colour, two temperature light colors selectable: 3000K, 4000K. Lumen output 820lm (4000K), 8.2W, dimmable trailing/leading edge, 38° degree beam angle, aluminium and steel body, low profile 40mm recessed depth, IP65 frontal degree, IK07, loop-in/loop-out terminals for fast wiring, 80mm 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

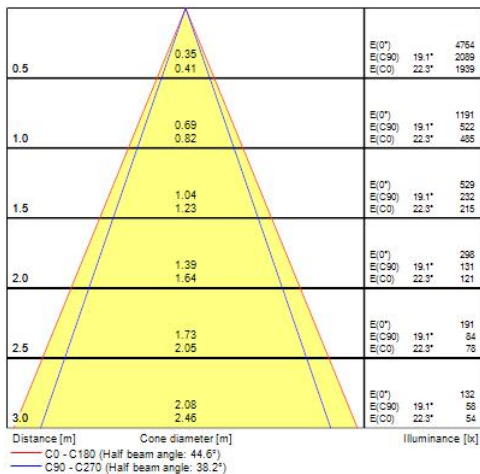
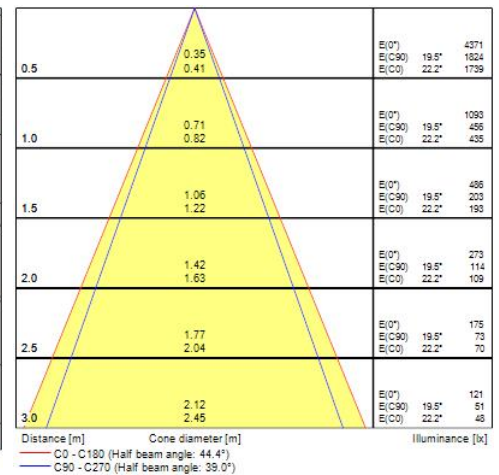
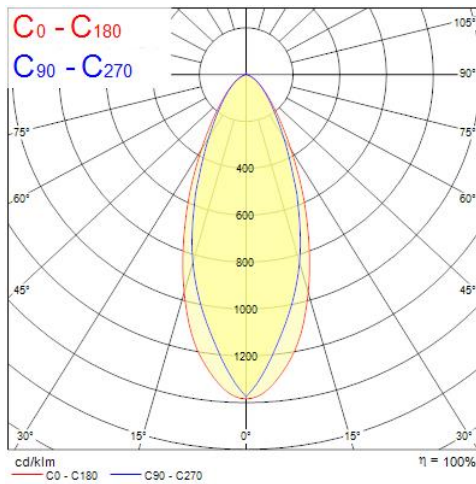
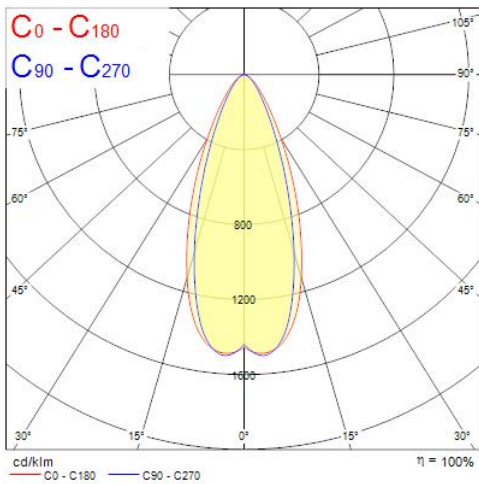
Product Overview

Product name	OBICO 80 IP65 820LM 2CCT 930/940 DIM WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer, Retail
ETIM Class	EC001744
E-number FI	4278508
Fixture luminous flux (lm)	820
Luminaire efficacy (lm/W)	100
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	4
Beam Angle (°)	38
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	8.2

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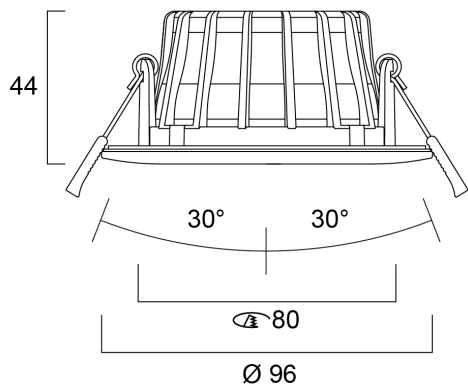
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP65/20
IK rating	IK07
Product EAN number	5410288053660
Warranty	5 years
Dimming method	Mains: leading / trailing edge

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	OBICO 80 IP65 820LM 2CCT 930/940 DIM WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278508
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	820
Luminaire efficacy (lm/W)	100

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Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	4
Beam Angle (°)	38
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	8.2
Current (A)	0.036
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	25
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)	185
Inrush Current (A)	2
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	90
Max. products per 13A C Breaker	118
Max. products per 16A C Breaker	145
Max. products per 20A C Breaker	181
Max. products per 10A B Breaker	90
Max. products per 13A B Breaker	118
Max. products per 16A B Breaker	145
Max. products per 20A B Breaker	181

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Connectable conductor cross section - Min (mm ²)	0.75
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Connectable conductor cross section - Max (mm ²)	1.5
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LIFETIME DATA

Lifespan L70 B50	100000
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Lifespan L80 B20	88000
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Lifespan L80 B10	86000
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Lifespan L90 B10	42000
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PHYSICAL DATA

Housing colour	RAL9016
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IP rating	IP65/20
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IK rating	IK07
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Diffuser finish	Other
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Diffuser material	None
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Reflector finish	Not Applicable
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Nominal Product Height (mm)	44.3
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Nominal Product Diameter (mm)	96
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Built-in diameter (mm)	80
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Weight (kg)	0.21
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PACKAGING

Product EAN number	5410288053660
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Packaging single length / height (cm)	11.5
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Packaging single width (cm)	8.0
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Packaging single depth (cm)	14.4
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DUN14 (inner)	15410288053667
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Units per inner package	6
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Packaging inner length / height (cm)	29.9
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Packaging inner width (cm)	25.2
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Packaging inner depth (cm)	12.8
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DUN14 (outer)	25410288053664
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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