

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, IK03, 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

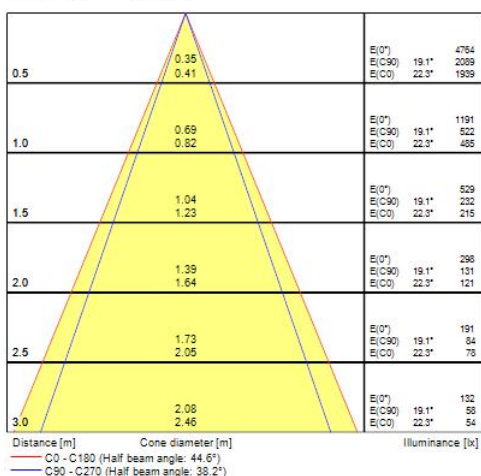
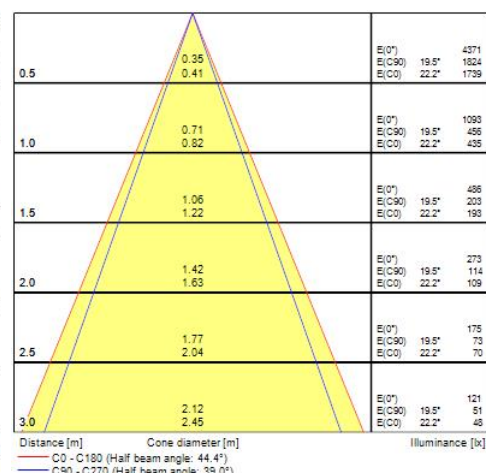
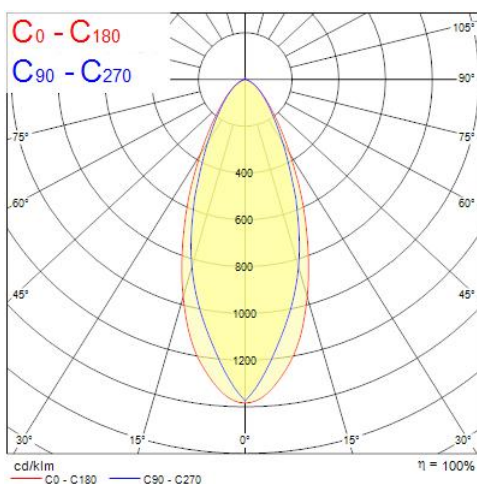
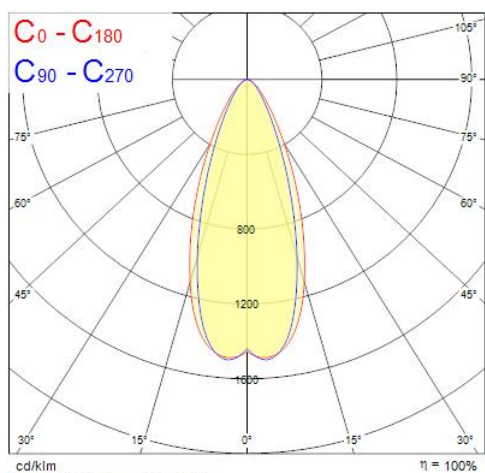
Product Overview

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
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	4
Beam Angle (°)	38
Photobiological Risk Group	RG1
Total power consumption (W)	8.2
Electrical protection	Class II

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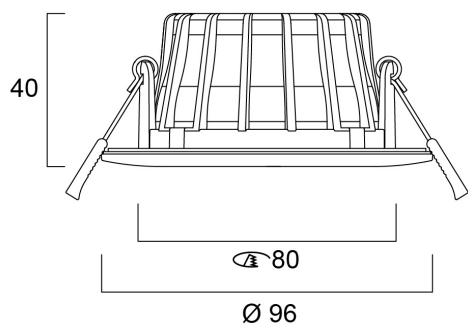
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288053660
Warranty	5 years
Dimming method	Mains: leading / trailing edge

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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Colour temperature (K)	4000
Correlated colour temperature range (K)	3000 - 4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	4
Beam Angle (°)	38
Distribution type	Symmetric
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	8.2
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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 (μ s)	20
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	90
Max. Luminaires per 13A C Breaker	118
Max. Luminaires per 16A C Breaker	145
Max. Luminaires per 20A C Breaker	181
Max. Luminaires per 10A B Breaker	90
Max. Luminaires per 13A B Breaker	118
Max. Luminaires per 16A B Breaker	145
Max. Luminaires per 20A B Breaker	181

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LIFETIME DATA

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

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)	40
Nominal Product Diameter (mm)	96
Cutout Dimensions (W x L in mm or Diameter in mm)	80
Weight (kg)	0.21

PACKAGING

Single packaging type	Carton
Product EAN number	5410288053660
Packaging single length / height (cm)	11.5
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.4
DUN14 (inner)	25410288053664
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)	15410288053667
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