

Obico 80  
OBICO 80 IP65 820LM 2CCT 930/940 DIM WHT  
0005366



Product 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                                  |
| Warranty                        | 5 years                                  |
| 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) | SDCM4                                    |
| Beam Angle (°)                  | 38                                       |
| Photobiological Risk Group      | RG1                                      |
| Total power consumption (W)     | 8.2                                      |
| Electrical protection           | Class II                                 |
| Control gear type               | LED driver constant current              |
| Dimmable                        | Yes                                      |
| Dimming method                  | Mains: leading / trailing edge           |
| Housing colour                  | RAL 9016 - Traffic white / Bezel         |
| IP rating                       | IP65/20                                  |
| IK rating                       | IK03                                     |
| Product EAN number              | 5410288053660                            |

DATA TABLE

|              |                                          |
|--------------|------------------------------------------|
| General data |                                          |
| Product name | OBICO 80 IP65 820LM 2CCT 930/940 DIM WHT |
| Technology   | LED                                      |

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|                                         |                                |
|-----------------------------------------|--------------------------------|
| 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           |
| Colour temperature (K)                  | 4000          |
| Correlated colour temperature range (K) | 3000 - 4000   |
| Light colour                            | Neutral White |
| CRI (Ra)                                | 90            |
| Colour Variation Initial (SDCM)         | SDCM4         |
| 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) xx.x % | 25                             |
| Electrical protection                                          | Class II                       |
| 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                             |
| 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                                    | RAL 9016 - Traffic white / Bezel |
| 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

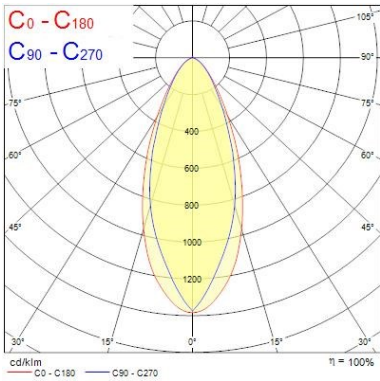
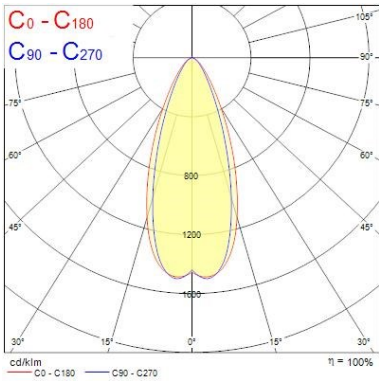
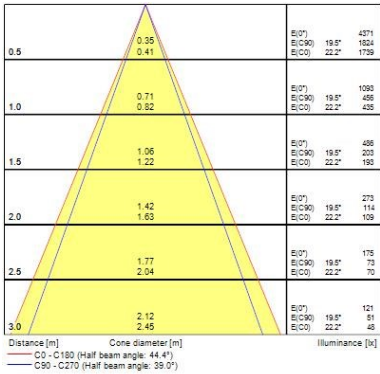
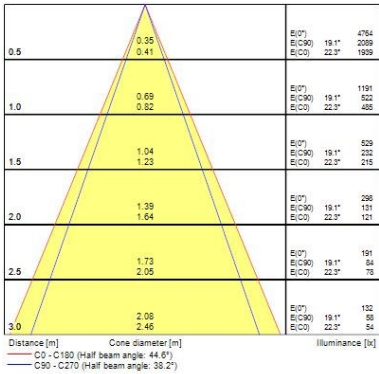
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288053660  |
| Packaging single length / height (cm) | 11.5           |
| Packaging 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           |
| Packaging outer width (cm)            | 31.5           |
| Packaging outer depth (cm)            | 41.1           |

### Safety data

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

## PHOTOMETRY

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TECHNICAL DRAWINGS

