

# Ceiling lamp OBERON LED COB



## Basic data

- external dimensions: 225/225/104 mm
- base made of plastic
- lampshade made of polycarbonate, impact resistant
- lampshade colour: milky or transparent
- index of protection: **IP65**
- mechanical protection: **IK10**
- ceiling lamp equipped with LED light source made in **COB2** and **COB4** (*Chip On Board second and fourth generation*) technology from **CITIZEN**
- automatic power consumption reduction when temperature exceeds certain threshold
- light source lifespan: approx. **125 000 hours**
- modular structure - each element of the fixture can be replaced independently (power supplier, light source, motion sensor) without disassembling the fixture from ceiling or wall
- basic warranty: 3 years
- light source warranty: 6 years**



### COB2 Technology

Version	Voltage	Light source	Luminous flux	Light source power consumption	Light source efficiency	Light colour
Oberon LED COB2 3W	~230V AC 50Hz	1x3,2W COB2 LED	440lm	3,2W	137,5lm/W	Cold white (5 000K)
Oberon LED COB2 5W	~230V AC 50Hz	1x5W COB2 LED	871lm	5W	174lm/W	Cold white (5 000K)
Oberon LED COB2 7W	~230V AC 50Hz	1x7W COB2 LED	1 137lm	7W	162,5lm/W	Cold white (5 000K)
Oberon LED COB2 9W	~230V AC 50Hz	1x9W COB2 LED	1 392lm	9W	156lm/W	Cold white (5 000K)
Oberon LED COB2 13W*	~24V AC 50Hz	1x13W COB2 LED	1 885lm	13W	145lm/W	Cold white (5 000K)
Oberon LED COB2 13W	~230V AC 50Hz	1x13W COB2 LED	1 885lm	13W	145lm/W	Cold white (5 000K)

### COB4 Technology

Version	Voltage	Light source	Luminous flux	Light source power consumption	Light source efficiency	Light colour
Oberon LED COB4 5W	~230V AC 50Hz	1x5W COB4 LED	948lm	5W	189,5lm/W	Cold white (5 000K)
Oberon LED COB4 6,8W	~230V AC 50Hz	1x6,8W COB4 LED	1 249lm	6,8W	183,5lm/W	Cold white (5 000K)
Oberon LED COB4 8,6W	~230V AC 50Hz	1x8,6W COB4 LED	1 546lm	8,6W	179lm/W	Cold white (5 000K)
Oberon LED COB4 12W	~230V AC 50Hz	1x12W COB4 LED	2 124lm	12W	177lm/W	Cold white (5 000K)

## Microwave Motion Sensor Version

All versions can be equipped with electronic Microwave Motion Sensor (MMS). Microwave Motion Sensor's parameters:

- detection angle: 360 degrees
- adjustable dusk to dawn sensor: 2 - 2000lx
- adjustable time setting: 8sec - 12min
- adjustable detection distance:  $\Phi$  1 - 16m
- all adjustable rates set independently

All versions of voltage 230V also available in DMMS version (equipped with electronic microwave motion sensor with dimming function). Ask our sales representative about details.

### COB2 Technology

#### Version

Oberon LED COB2 3W MMS 230V  
 Oberon LED COB2 5W MMS 230V  
 Oberon LED COB2 7W MMS 230V  
 Oberon LED COB2 9W MMS 230V  
 Oberon LED COB2 13W MMS 24V  
 Oberon LED COB2 13W MMS 230V

### COB4 Technology

#### Version

Oberon LED COB4 5W MMS 230V  
 Oberon LED COB4 6,8W MMS 230V  
 Oberon LED COB4 8,6W MMS 230V  
 Oberon LED COB4 12W MMS 230V

\* - Input voltage 6,5V AC - 39V AC or 9V DC - 56V DC.

On demand all versions are available in following colour temperatures: 2700K, 3000K, 3500K and 4000K.