# CORIA 2 1600LM 300MM I CL. IP44 SUSPENDED MICROPRM WHITE MAT 830 15W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 415593 |
| **Ingress protection:** | IP40 |
| **Impact resistance:** | IK03 |
| **Rated power [W] - range:** | 15 |
| **Luminous flux of the luminaire [lm] - range:** | 1600 |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **Electrical protection class:** | I |
| **Material of the body:** | aluminium |
| **Colour of the body:** | white |

## CHARACTERISTICS

The Coria 2 LED circular luminaire with integrated energy-efficient LED module is characterised by its high luminous efficacy and uniform light distribution. Its base is made of white or black powder-coated aluminium and its diffuser is made of microprism (300mm diameter version only) or opal plastic. It is ideal for new applications and for replacing traditional fluorescent lamps with energy-efficient LED solutions. Characteristics: colour temperature 3000K, 4000K; CRI>80; LED module life 119,000 hours (L80B20) ta = 25°C; pendant or surface-mounted version.

## APPLICATION

The luminaire is designed for indoor use. It is characterised by even light distribution and good surface illumination, which is why it is particularly dedicated as a source of general light in representative rooms and passageways. Thanks to its excellent luminous parameters, the luminaire is ideal for large conference rooms. The luminaire's construction has been adapted for surface-mounted or flush-mounted installation in plasterboard ceilings. Revit files for architectural luminaires are available on request.

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## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 415593 |
| **EAN:** | 5905963415593 |
| **Light source:** | LED |
| **Rated power [W] - range:** | 15 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux of the luminaire [lm] - range:** | 1600 |
| **Luminous efficacy [lm/W]:** | 107 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **Surge protection [kV]:** | 1 |
| **Diffuser material:** | PC |
| **Diffuser type:** | PRM |
| **Material of the body:** | aluminium |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 300/85 |

| | |
|---|---|
| **Mounting dimensions [mm]:** | 109/109 |
| **Impact resistance:** | IK03 |
| **Ingress protection:** | IP40 |
| **Mounting version:** | suspended |
| **Working temperature [°C]:** | from -10 to +35 |
| **Dimensions of single box [mm]:** | 325/325/90 |
| **Number on the palette [pcs]:** | 42 |
| **Net weight [kg]:** | 2.300 |
| **Category type:** | bulkheads |
| **LED lifespan L70B50 [h]:** | 102340 |
| **LED lifespan L80B10 [h]:** | 64800 |
| **LED lifespan L90B10 [h]:** | 31670 |
| **Light distribution type:** | lambertian |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 149/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

Card creation date: 11 January 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 149/2025

LENA LIGHTING

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