

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	415531
<b>Ingress protection:</b>	IP40
<b>Impact resistance:</b>	IK03
<b>Rated power [W] - range:</b>	15
<b>Luminous flux of the luminaire [lm] - range:</b>	1600
<b>Colour temperature [K]:</b>	3000
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Electrical protection class:</b>	I
<b>Material of the body:</b>	aluminium
<b>Colour of the body:</b>	black

## 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

<b>Index:</b>	415531	<b>Impact resistance:</b>	IK03
<b>EAN:</b>	5905963415531	<b>Ingress protection:</b>	IP40
<b>Light source:</b>	LED	<b>Mounting version:</b>	suspended
<b>Rated power [W] - range:</b>	15	<b>Working temperature [°C]:</b>	from -10 to +35
<b>Supply voltage [V]:</b>	220 - 240	<b>DIMM DALI:</b>	yes
<b>Frequency [Hz]:</b>	50 - 60	<b>Dimensions of single box [mm]:</b>	325/325/90
<b>Luminous flux of the luminaire [lm] - range:</b>	1600	<b>Number on the palette [pcs]:</b>	42
<b>Luminous efficacy [lm/W]:</b>	107	<b>Net weight [kg]:</b>	2.400
<b>Energy efficiency class:</b>	E	<b>Category type:</b>	bulkheads
<b>Electrical protection class:</b>	I	<b>LED lifespan L70B50 [h]:</b>	102340
<b>Colour temperature [K]:</b>	3000	<b>LED lifespan L80B10 [h]:</b>	64800
<b>Color rendering index (Ra) &gt;:</b>	80	<b>LED lifespan L90B10 [h]:</b>	31670
<b>Surge protection [kV]:</b>	1	<b>Light distribution type:</b>	lambertian
<b>Diffuser material:</b>	PC	<b>Warranty [years]:</b>	5
<b>Diffuser type:</b>	OPAL	<b>CE certificate:</b>	<a href="#">149/2025</a>
<b>Material of the body:</b>	aluminium	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Colour of the body:</b>	black	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Dimensions (H/W/T/S) [mm]:</b>	300/85	<b>Plik LDT:</b>	<a href="#">Download</a>
<b>Mounting dimensions [mm]:</b>	109/109		

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 149/2025