

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

## DETAILED CARD



### TECHNICAL PARAMETERS

<b>Index:</b>	415517
<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>	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:	415517	Mounting dimensions [mm]:	109/109
EAN:	5905963415517	Impact resistance:	IK03
Light source:	LED	Ingress protection:	IP40
Rated power [W] - range:	15	Mounting version:	suspended
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -10 to +35
Frequency [Hz]:	50 - 60	Dimensions of single box [mm]:	325/325/90
Luminous flux of the luminaire [lm] - range:	1600	Number on the palette [pcs]:	42
Luminous efficacy [lm/W]:	107	Net weight [kg]:	2.300
Energy efficiency class:	E	Category type:	bulkheads
Electrical protection class:	I	LED lifespan L70B50 [h]:	102340
Colour temperature [K]:	3000	LED lifespan L80B20 [h]:	64800
Color rendering index (Ra) >:	80	LED lifespan L90B10 [h]:	31670
Surge protection [kV]:	1	Light distribution type:	lambertian
Diffuser material:	PC	Warranty [years]:	5
Diffuser type:	OPAL	CE certificate:	<a href="#">149/2025</a>
Material of the body:	aluminium	Manual:	<a href="#">Download PDF</a>
Colour of the body:	white	Plik LDT:	<a href="#">Download</a>
Dimensions (H/W/T/S) [mm]:	300/85		