

# CAPELLA LED PLUS Z 1650LM 840 IP20 (15W) 320MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP20
<b>Nominal power [W]:</b>	15
<b>Luminous flux [lm]*:</b>	1650
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PC
<b>Diffuser type:</b>	OPAL
<b>Optics material:</b>	PMMA

## CHARACTERISTICS

CAPELLA LED is a wide line of luminaires combining high aesthetic values and lighting parameters. The body has been made from ABS and the frosted diffuser from impact-resistant polycarbonate (PC). A multitude of versions makes it possible to adapt the luminaire to many non-standard applications.

Luminaires of the PLUS variant line are fitted with branded components of recognized global manufacturers. It features extended life and warranty, increased light efficiency and optimal use of electricity (Power Factor).

Versions available on request:

- any RAL colour of the body,
- any RAL colour of the suspension system,
- selected colours of the material of the cable.

Next versions (available soon):

- IoT (adapted for integration with additional control systems).

## APPLICATION

Suspended luminaire intended for indoor use (utility rooms, staircases, circulation routes). It is also available in a version with an RF motion detector which is especially recommended for use in spaces open to the public.

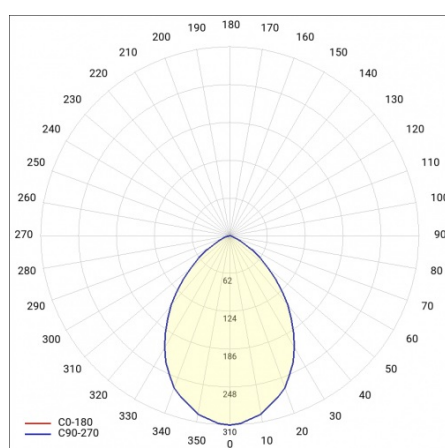
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## TECHNICAL PARAMETERS TABLE

<b>Nominal power [W]:</b>	15	<b>Mounting dimensions [mm]:</b>	45
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP20
<b>Colour temperature [K]:</b>	4000	<b>Mounting version:</b>	suspended
<b>Luminous flux [lm]:</b>	1650	<b>Working temperature [°C]:</b>	from -10 to +35
<b>Rated power of the luminaire [W]:</b>	16	<b>Wire type:</b>	transparent
<b>Supply voltage [V]:</b>	220-240	<b>Cable length [m]:</b>	2
<b>Diffuser type:</b>	OPAL	<b>Accessories included:</b>	6mm dowels
<b>Frequency [Hz]:</b>	50 - 60	<b>Dimensions of single box [mm]:</b>	320/320/220
<b>Energy efficiency class:</b>	E	<b>Net weight [kg]:</b>	0.920
<b>Luminous efficacy [lm/W]:</b>	103	<b>CE certificate:</b>	<a href="#">162/2018</a>
<b>Electrical protection class:</b>	II	<b>Index:</b>	951237
<b>Colour rendering index:</b>	>80	<b>EAN:</b>	5905963951237
<b>SDCM:</b>	≤ 3	<b>Category type:</b>	bulkheads
<b>Power factor:</b>	0.94	<b>Luminaire rated power <math>P_{min}</math> [W]:</b>	15.43
<b>LED lifespan L70B50 [h]:</b>	115000	<b>AC voltage range [V]:</b>	220-240
<b>Beam angle [°]:</b>	120	<b>UGR (4H8H):</b>	17,9-25,2
<b>Diffuser material:</b>	PC	<b>Light distribution type:</b>	lambertian
<b>Diffuser colour:</b>	white	<b>Dimensions of bulk box (H/W/D) [mm]:</b>	794/1194/982
<b>Optics material:</b>	PMMA	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Optics:</b>	lens	<b>Warranty [years]:</b>	5
<b>Material of the body:</b>	ABS	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Colour of the body:</b>	white	<b>ETIM class:</b>	EC002892
<b>Dimensions (H/W/T/S) [mm]:</b>	320/177/2200	<b>Plik LDT:</b>	<a href="#">Download</a>

## LIGHT CURVES



Card creation date: 02 January 2025

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: 162/2018



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