

NECTRA LED PLUS IOT BT HYT DALI 170MM 1400LM TUNABLE WHITE 2700-6500K CRI90 I CL. IP44 OPAL WHITE (15W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	502897
Ingress protection:	IP44
Nominal power [W]:	15
Luminous flux [lm]*:	1400
Colour temperature [K] - range:	2700 - 6500
Colour rendering index:	80
Material of the body:	PC + aluminium
Colour of the body:	white
Diffuser material:	PMMA
Diffuser type:	OPAL

CHARACTERISTICS

The downlight with an increased IP44 level of protection is equipped with energy-saving LED light sources. Its body made of thermally conductive polycarbonate with an integrated aluminum heat sink ensures optimal working conditions for LEDs. The lampshade is designed from highly permeable PMMA and guarantees high light efficiency. The luminaire allows tool-free installation in plasterboard ceilings for low service costs. Thanks to the use of housing, it is possible to surface mount the luminaire.

IoT characteristics

The **IoT BT HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time, and a **DALI** driver that allows you to dim the light source.

APPLICATION

Designed for indoor use in common areas, passageways or to provide additional illumination in the office rooms. Due to equal surface illumination and high energy savings, it is especially recommended for public buildings.

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TECHNICAL PARAMETERS TABLE

Index:	502897	Ring colour:	white
EAN:	5905963517556	Dimensions (H/W/T/S) [mm]:	ø170/69
Light source:	LED module	Mounting dimensions [mm]:	ø150
Nominal power [W]:	15	Impact resistance:	IK08
Rated power of the luminaire [W]:	17	Ingress protection:	IP44
Supply voltage [V]:	110 - 277	Mounting version:	recessed
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -10 to +35
Colour temperature [K] - range:	2700 - 6500	Net weight [kg]:	0.380
Luminous flux [lm]:	1400	Category type:	downlights
Luminous efficacy [lm/W]:	93	Version:	BT HYT DALI
Energy efficiency class:	E	DIMM DALI:	yes
Electrical protection class:	II	AC voltage range [V]:	99 - 305
Colour temperature [K]:	3000	DC voltage range [V]:	99 - 305
Colour rendering index:	80	UGR (4H8H):	25.1-29.3
SDCM:	≤ 3	LED lifespan L70B50 [h]:	80000
Power factor:	0.96	LED lifespan L80B20 [h]:	55000
Beam angle [°]:	92.2	LED lifespan L90B10 [h]:	30000
Diffuser material:	PMMA	Light distribution type:	lambertian
Diffuser type:	OPAL	Number on the palette [pcs]:	544
Optics material:	aluminium	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Optics:	reflector	Warranty [years]:	5
Material of the body:	PC + aluminium	CE certificate:	60/2020
Colour of the body:	white	Manual:	Download PDF
Ring material:	PC		

Card creation date:10 March 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: 60/2020



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