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
Color rendering index (Ra) >:	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
EAN:	5905963517556
Light source:	LED module
Nominal power [W]:	15
Rated power of the luminaire [W]:	17
Supply voltage [V]:	110 - 277
Frequency [Hz]:	50 - 60
Colour temperature [K] - range:	2700 - 6500
Luminous flux [lm]:	1400
Luminous efficacy [lm/W]:	93
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.96
Beam angle [°]:	92.2
Diffuser material:	PMMA
Diffuser type:	OPAL
Optics material:	aluminium
Optics:	reflector
Material of the body:	PC + aluminium
Colour of the body:	white
Ring material:	PC
Ring colour:	white

Dimensions (H/W/T/S) [mm]:	ø170/69
Mounting dimensions [mm]:	ø150
Impact resistance:	IK08
Ingress protection:	IP44
Mounting version:	recessed
Working temperature [°C]:	from -10 to +35
Net weight [kg]:	0.380
Category type:	downlights
Version:	BT HYT DALI
DIMM DALI:	yes
AC voltage range [V]:	99 - 305
DC voltage range [V]:	99 - 305
UGR (4H8H):	25.1-29.3
LED lifespan L70B50 [h]:	80000
LED lifespan L80B10 [h]:	55000
LED lifespan L90B10 [h]:	30000
Light distribution type:	lambertian
Number on the palette [pcs]:	544
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	60/2020
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018

Card creation date: 29 April 2026

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: 60/2020

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