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	Dimensions (H/W/T/S) [mm]:	ø170/69
EAN:	5905963517556	Mounting dimensions [mm]:	ø150
Light source:	LED module	Impact resistance:	IK08
Nominal power [W]:	15	Ingress protection:	IP44
Rated power of the luminaire [W]:	17	Mounting version:	recessed
Supply voltage [V]:	110 - 277	Working temperature [°C]:	from -10 to +35
Frequency [Hz]:	50 - 60	Net weight [kg]:	0.380
Colour temperature [K] - range:	2700 - 6500	Category type:	downlights
Luminous flux [lm]:	1400	Version:	BT HYT DALI
Luminous efficacy [lm/W]:	93	DIMM DALI:	yes
Energy efficiency class:	E	AC voltage range [V]:	99 - 305
Electrical protection class:	II	DC voltage range [V]:	99 - 305
Colour temperature [K]:	3000	UGR (4H8H):	25.1-29.3
Color rendering index (Ra) >:	80	LED lifespan L70B50 [h]:	80000
SDCM:	3	LED lifespan L80B10 [h]:	55000
Power factor:	0.96	LED lifespan L90B10 [h]:	30000
Beam angle [°]:	92.2	Light distribution type:	lambertian
Diffuser material:	PMMA	Number on the palette [pcs]:	544
Diffuser type:	OPAL	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Optics material:	aluminium		
Optics:	reflector	Warranty [years]:	5
Material of the body:	PC + aluminium	CE certificate:	60/2020
Colour of the body:	white	Environmental Product Declaration (EPD):	944/2026
Ring material:	PC	Manual:	Download PDF
Ring colour:	white	ISO Certificates:	9001:2015. 14001:2015. 45001:2018. 50001:2018

CE Certificate CE - Nr: 60/2020

LENA LIGHTING

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