EXPO MODULAR COPPER SURFACE 1900LM DALI 38D WHITE MATT TEXTURE 27W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	272936
Ingress protection:	IP20
Rated power of the luminaire [W]*:	27
Luminous flux [lm]*:	1900
Colour temperature [K]:	2700
Color rendering index (Ra) >:	90
Material of the body:	aluminium
Colour of the body:	white matt texture
Optics:	reflector
Beam angle [°]:	38

CHARACTERISTICS

Expo Modular — a tool for creating a carefully considered lighting design. EXPO Modular is a projector luminaire developed from the ground up, offering users a range of new functionalities. Low UGR glare effect, precise optics, high CRI, the possibility of expanding the luminaire's functionality or giving it an individual character through a wide range of accessories such as ecoPET screens or accessories such as unusual shades, screens and covers made with 3D printing. The luminaire's design ensures optimal thermal performance and allows for changing the lighting angles, as well as customising the colour of the ring and body. EXPO Modular is a high-quality aluminium projector with a COB LED light source. Versatile application with a track system. No ultraviolet or infrared radiation, high colour rendering index, high luminous efficacy and long service life. 38° mirror reflector — balanced, natural display light. The 38° version provides a soft, even light spot with a gentle edge and soft transition, making it ideal for offices to highlight visual communication elements, as well as boutiques or elegant delicatessens, where visual comfort is as important as the legibility of the display. It is a light that 'breathes' with the space, creating an eye-friendly light distribution — it emphasises materials and their texture without excessive contrast, creates natural product modelling and allows you to build light-perceived interiors that are a balance between the sharpness of narrow beams and the soft filling of wide beams, while ensuring sufficiently good face modulation.

APPLICATION

The light from the 38° mirror reflector creates balanced, natural and harmonious illumination that blends softly into the surroundings. Thanks to its even luminance distribution and soft beam edge, it is ideal for spaces requiring high-quality visual perception. This lighting subtly highlights materials, textures and colours, ensuring natural product modelling without excessive contrast or dramatising the display. A light pattern of this nature perfectly meets the needs of offices, where it enhances the clarity of visual communication, as well as boutiques and elegant delicatessens, where visual comfort is just as important as the appeal of the goods on display. It is also used in exhibitions, museums and supermarkets, providing a basic layer of light for medium-scale displays and wherever a natural perception of space and products is important. **COPPER** Effect: Subtle enhancement of pink and red tones (Red Enhancer).Application: Highlighting architectural details made of copper and coloured alloys. In retail – specifically designed for meat and charcuterie delicatessens. In interior design – ideal for emphasising surfaces and details with warm, reddish tones (terracotta, brick).

EXPO MODULAR COPPER SURFACE 1900LM DALI 38D WHITE MATT TEXTURE 27W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	272936
EAN:	5905963272936
Light source:	COB
Rated power of the luminaire [W]:	27
Supply voltage [V]:	220-240
Frequency [Hz]:	0/50/60
Luminous flux [lm]:	1900
Luminous efficacy [lm/W]:	70
Energy efficiency class:	G
Electrical protection class:	II
Colour temperature [K]:	2700
Color rendering index (Ra) >:	90
SDCM:	3
Power factor:	0.98
Beam angle [°]:	38
Optics material:	aluminium
Optics:	reflector
Material of the body:	aluminium
Colour of the body:	white matt texture

Dimensions (H/W/T/S) [mm]:	241.9/202/ø82
Mounting dimensions [mm]:	50(2xø5)
Ingress protection:	IP20
Mounting version:	surface
DIMM DALI:	yes
Dimensions of single box [mm]:	245
Number on the palette [pcs]:	270
Net weight [kg]:	1.145
Gross weight [kg]:	1.255
Version:	COPPER
LED lifespan L70B50 [h]:	50000
LED lifespan L80B10 [h]:	100000
Working temperature [°C]:	from 0 to +35
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	156/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

Card creation date: 13 March 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: 156/2025

LENA LIGHTING
Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl