EXPO MODULAR COPPER SURFACE 2100LM 26D RAW 27W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	272851
Ingress protection:	IP20
Rated power of the luminaire [W]*:	27
Luminous flux [lm]*:	2100
Colour temperature [K]:	2700
Color rendering index (Ra) >:	90
Material of the body:	aluminium
Colour of the body:	raw aluminium
Optics:	reflector
Beam angle [°]:	26

CHARACTERISTICS

Expo Modular — a tool for creating conscious lighting compositions. EXPO Modular is a projector luminaire developed from scratch, which opens up a range of new functionalities for the user. Low UGR glare rating, precise optics, high CRI, the ability to expand the luminaire's functionality or give it a unique character through a wide range of accessories such as ecoPET diffusers or accessories including unusual shades, diffusers and 3D-printed covers. 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. Universal application with a busbar system. No ultraviolet or infrared radiation, high colour rendering index, high luminous efficacy and high durability. 26° Mirror reflector — gallery-style spot lighting. The 26° reflector creates an intense, concentrated beam of light with a high contrast centre spot but with a soft transition. It is ideal when the goal is to achieve strong accents: highlighting products, but also structural details or elements that are to serve as a 'key accent' in the space without sharply cutting them off from the surrounding space. Spot lighting organises compositions and gives them a hierarchy — subtly but decisively directing the viewer's attention to the object.

APPLICATION

The 26° mirror reflector is used wherever focused, directional accent lighting is needed to give a space a clear visual hierarchy. It creates an intense, contrasting beam of light with a clear centre and a soft transition to the surroundings, allowing the object to stand out strongly without aggressively cutting it off from the rest of the interior. This type of light creates a gallery effect — it directs the viewer's attention to one precisely defined place, emphasising the form, structure and shine of materials. In practice, it works exceptionally well in displays where bringing out detail, adding drama to products and creating focal points that organise the interior composition are key. It is an ideal solution for boutiques, where the light is intended to guide the eye across the most important elements of the collection, as well as for offices where selected elements of architecture or visual communication are highlighted. It works equally well in exhibitions, museums and supermarkets, where precise lighting allows you to build the narrative of the exhibition and accentuate objects of particular importance. **COPPER** Effect: Subtle enhancement of pink and red tones (Red Enhancer).Application: Accentuating architectural details made of copper and non-ferrous alloys. In retail – dedicated to meat and delicatessen shops. In interior design – ideal for highlighting surfaces and details with warm, reddish colours (terracotta, brick).

EXPO MODULAR COPPER SURFACE 2100LM 26D RAW 27W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	272851
EAN:	5905963272851
Light source:	COB
Rated power of the luminaire [W]:	27
Supply voltage [V]:	220-240
Frequency [Hz]:	0/50/60
Luminous flux [lm]:	2100
Luminous efficacy [lm/W]:	78
Energy efficiency class:	F
Electrical protection class:	II
Colour temperature [K]:	2700
Color rendering index (Ra) >:	90
SDCM:	3
Power factor:	0.98
Beam angle [°]:	26
Optics material:	aluminium
Optics:	reflector
Material of the body:	aluminium
Colour of the body:	raw aluminium

Dimensions (H/W/T/S) [mm]:	241.9/202/ø82
Mounting dimensions [mm]:	50(2xø5)
Ingress protection:	IP20
Mounting version:	surface
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