# EXPO MODULAR SURFACE 1600LM 26D BLACK MATT TEXTURE 927 12W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 236785 |
| **Ingress protection:** | IP20 |
| **Rated power of the luminaire [W]*:** | 12 |
| **Luminous flux [lm]*:** | 1600 |
| **Colour temperature [K]:** | 2700 |
| **Color rendering index (Ra) >:** | 90 |
| **Material of the body:** | aluminium |
| **Colour of the body:** | black matt texture |
| **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, lending a clear visual hierarchy to the space. It creates an intense, contrasting beam of light with a distinct center 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—directing the viewer's attention to a single, precisely defined spot, emphasizing the form, structure, and shine of materials.In practice, it works perfectly in displays where highlighting detail, adding drama to products, and creating accent points that organize the interior composition are key. This solution is ideal for boutiques, where the light should guide the eye to the most important elements of the collection, as well as for offices, where selected architectural elements or visual communication are emphasized. It works equally well in exhibitions, museums, and markets, where precise lighting allows for building a display narrative and highlighting objects of particular significance.

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DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 236785 |
| **EAN:** | 5905963236785 |
| **Light source:** | COB |
| **Rated power of the luminaire [W]:** | 12 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 0/50/60 |
| **Luminous flux [lm]:** | 1600 |
| **Luminous efficacy [lm/W]:** | 133 |
| **Energy efficiency class:** | D |
| **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:** | black matt texture |
| **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]:** | 245/230/90 |
| **Number on the palette [pcs]:** | 270 |
| **Net weight [kg]:** | 1.145 |
| **Gross weight [kg]:** | 1.255 |
| **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

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