EXPO MODULAR HR SURFACE 1450LM 37D RAW 840 12W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	271496
Ingress protection:	IP20
Rated power of the luminaire [W]*:	12
Luminous flux [lm]*:	1450
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Electrical protection class:	II
Energy efficiency class:	D
Material of the body:	aluminium
Colour of the body:	raw aluminium

CHARACTERISTICS

Expo Modular HR — selective light with full control over perception. The HR version uses a deeply embedded COB diode and a precise mirror reflector to create light of exceptional purity and minimal glare. It is a solution for spaces where light should be subtle but extremely precise — emphasising the structure, colour and quality of products with minimal illumination of the surroundings. HR 37° Mirror offers equally clean and selective light, characterised by perfect edge definition, low glare and a precise, clear beam. It provides natural space modelling, perfect colour reproduction and an orderly, visually disciplined composition. Like the 18° version, it is used to illuminate luxury products, architectural elements and displays that require concentration. It is designed for boutiques, offices, exhibitions and museums.

APPLICATION

HR is ideal for exhibitions where objects need to be strongly distinguished from the background, offices where visual communication elements or architectural accents need to be strongly emphasised. It is used in boutiques, jewellery shops, arts and crafts shops to highlight the most important products, and in delicatessens offering premium products: artisan cheeses, spirits, gourmet products that require special emphasis in the offer, especially in combination with specialised light spectra. The light spot is clear, stable, with a strong and short light transition—exactly what is expected in accent lighting designs while maintaining a soft edge to the light spot. The available angles of 18° and 37° allow you to create both very narrow accents and more universal light. HR is a luminaire for building precision and clear visual narrative—without unnecessary compromises. The optics are available in a full range of light colours.

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TECHNICAL PARAMETERS TABLE

Index:	271496
EAN:	5905963271496
Light source:	COB
Rated power of the luminaire [W]:	12
Supply voltage [V]:	220-240
Frequency [Hz]:	0/50/60
Luminous flux [lm]:	1450
Luminous efficacy [lm/W]:	121
Energy efficiency class:	D
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Beam angle [°]:	37
LED lifespan L70B50 [h]:	50000
LED lifespan L80B10 [h]:	100000
Power factor:	0.98
Working temperature [°C]:	from 0 to +35
Optics material:	aluminium

Optics:	reflector
Material of the body:	aluminium
Colour of the body:	raw aluminium
Dimensions (H/W/T/S) [mm]:	267.9/202/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]:	1.200
Gross weight [kg]:	1.310
Category type:	spotlight
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: 02 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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