BARIS 40 LED Z 5100LM UGR DALI I CL. IP44 1421 MM 840 BLACK 44W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	459948
Rated power of the luminaire [W]*:	44
Luminous flux [lm]*:	5100
Colour temperature [K]:	4000
Ingress protection:	IP44
UGR (4H8H):	17.5 - 19.5
Energy efficiency class:	D
Material of the body:	aluminium
Colour of the body:	black
Diffuser material:	PMMA

CHARACTERISTICS

Luminaires BARIS 40 LED UGR was created to provide maximum comfort and efficiency. A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes.
Suspended or surface-mounted luminaire with a very narrow cross-section. The bodies are available as an anodised aluminium profile in grey or as an aluminium profile painted in white or black (other colours available on request). Optical system in the form of an opal cover. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires have 1.2m long slings in a set with a box.

APPLICATION

The luminaire is intended for indoor use. Especially recommended as a source of main lighting conducive to office work. Unique design, energy-saving LED modules and possible integration with external lighting control systems in the DALI standard make this luminaire suitable for use in modern A+ class office buildings, with particular emphasis on representative rooms.

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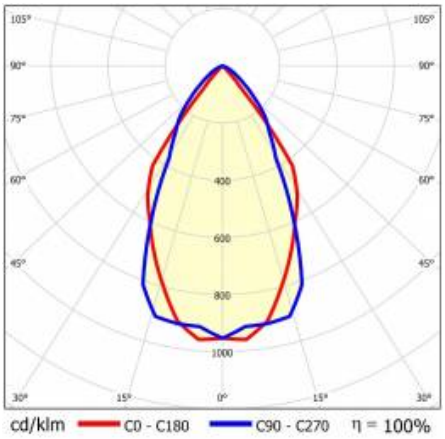
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	459948
EAN:	5905963459948
Category of application:	office lighting
Rated power of the luminaire [W]:	44
Luminous flux [lm]:	5100
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	117
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	116000
LED lifespan L80B10 [h]:	73000
LED lifespan L90B10 [h]:	35000
Diffuser material:	PMMA
Diffuser type:	transparent

Diffuser colour:	transparent
Optics:	raster UGR
Material of the body:	aluminium
Colour of the body:	black
Dimensions (H/W/T/S) [mm]:	53/40/1421
Ingress protection:	IP44
Impact resistance:	IK03
Mounting version:	suspended
Net weight [kg]:	2.050
DIMM DALI:	yes
UGR (4H8H):	17.5 - 19.5
Working temperature [°C]:	from 0 to +35
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	238/2023
ENEC Certificate:	PL BBJ/004/2022/M1/A1
Environmental Product Declaration (EPD):	852/2025
Manual:	Download PDF

LIGHT CURVES



Card creation date: 24 July 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: 238/2023

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