

# BARIS 40 LED Z 4700LM UGR I CL. IP20 1421 MM 830 BLACK 44W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	459818
<b>Rated power of the luminaire [W]*:</b>	44
<b>Luminous flux [lm]*:</b>	4700
<b>Colour temperature [K]:</b>	3000
<b>Ingress protection:</b>	IP20
<b>UGR (4H8H):</b>	17.5 - 19.5
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	aluminium
<b>Diffuser material:</b>	PMMA
<b>Diffuser type:</b>	transparent

## 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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## TECHNICAL PARAMETERS TABLE

Index:	459818	Diffuser colour:	transparent
EAN:	5905963459818	Optics:	raster UGR
Rated power of the luminaire [W]:	44	Material of the body:	aluminium
Luminous flux [lm]:	4700	Colour of the body:	black
Supply voltage [V]:	220 - 240	Dimensions (H/W/T/S) [mm]:	53/40/1421
Frequency [Hz]:	50 - 60	Ingress protection:	IP20
Luminous efficacy [lm/W]:	108	Mounting version:	suspended
Energy efficiency class:	E	Net weight [kg]:	1.750
Electrical protection class:	I	UGR (4H8H):	17.5 - 19.5
Colour temperature [K]:	3000	Warranty [years]:	5
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	Warranty [years]:	5
LED lifespan L70B50 [h]:	116000	CE certificate:	<a href="#">238/2023</a>
LED lifespan L80B20 [h]:	73000	ENEC Certificate:	PL BBJ/003/2022/M1/A1
LED lifespan L90B10 [h]:	35000	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PMMA	Impact resistance:	IK03
Diffuser type:	transparent		

## LIGHT CURVES



Card creation date: 09 July 2024

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 and electronic waste equipment regulations (WEEE).

Certificate CE - Nr: 238/2023

**LENA**  
LIGHTING

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