

# BARIS 40 LED Z 5100LM UGR I CL. IP20 1421 MM 840 WHITE 44W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	459764
<b>Rated power of the luminaire [W]*:</b>	44
<b>Luminous flux [lm]*:</b>	5100
<b>Colour temperature [K]:</b>	4000
<b>Ingress protection:</b>	IP20
<b>UGR (4H8H):</b>	17.5 - 19.5
<b>Energy efficiency class:</b>	D
<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:	459764	LED lifespan L80B20 [h]:	73000
Rated power of the luminaire [W]:	44	LED lifespan L90B10 [h]:	35000
EAN:	5905963459764	Diffuser material:	PMMA
Colour temperature [K]:	4000	Diffuser type:	transparent
Luminous flux [lm]:	5100	Diffuser colour:	transparent
Colour of the body:	white	Optics:	raster UGR
Supply voltage [V]:	220 - 240	Material of the body:	aluminium
Frequency [Hz]:	50 - 60	Net weight [kg]:	1.750
Ingress protection:	IP20	UGR (4H8H):	17.5 - 19.5
Energy efficiency class:	D	Warranty [years]:	5
Luminous efficacy [lm/W]:	117	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Mounting version:	suspended	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	53/40/1421	CE certificate:	<a href="#">238/2023</a>
Electrical protection class:	I	ENEC Certificate:	PL BBJ/003/2022/M1/A1
Colour rendering index:	>80	Manual:	<a href="#">Download PDF</a>
SDCM:	≤ 3	Impact resistance:	IK03
LED lifespan L70B50 [h]:	116000	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



Card creation date: 02 January 2025

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



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