# BARIS 40 LED Z 4700LM UGR I CL. IP44 1421 MM 830 WHITE 44W

**DETAILED CARD** 



## **TECHNICAL PARAMETERS**

Index: 459894

Rated power of the luminaire [W]\*: 44

Luminous flux [lm]\*: 4700

Colour temperature [K]: 3000

Ingress protection: IP44

**UGR (4H8H):** 17.5 - 19.5

Energy efficiency class:

Material of the body: aluminium

**Diffuser material:** PMMA

**Diffuser type:** 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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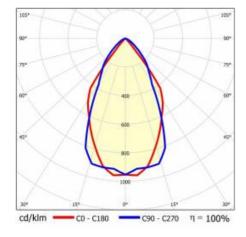
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:	459894
EAN:	5905963459894
Rated power of the luminaire [W]:	44
Luminous flux [lm]:	4700
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	108
Energy efficiency class:	Е
Electrical protection class:	1
Colour temperature [K]:	3000
Colour rendering index:	80
SDCM:	≤3
LED lifespan L70B50 [h]:	116000
LED lifespan L80B20 [h]:	73000
LED lifespan L90B10 [h]:	35000
Diffuser material:	PMMA
Diffuser type:	transparent
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Diffuser colour:	transparent
Diffuser colour:	transparent
Optics:	raster UGR
Material of the body:	aluminium
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	53/40/1421
Ingress protection:	IP44
Mounting version:	suspended
Net weight [kg]:	2.070
UGR (4H8H):	17.5 - 19.5
Warranty [years]:	5
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
Manual:	Download PDF
Impact resistance:	IK03
Plik LDT:	Download

### **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%



