

# BARIS 40 LED UGR PLUS Z 4550LM I CL. IP20 1421MM 830 31W WHITE 60D

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	769849
<b>Ingress protection:</b>	IP20
<b>Impact resistance:</b>	IK03
<b>Rated power of the luminaire [W]*:</b>	31
<b>Luminous flux [lm]*:</b>	4550
<b>Colour temperature [K]:</b>	3000
<b>Material of the body:</b>	aluminium
<b>Colour of the body:</b>	white

## CHARACTERISTICS

The BARIS 40 LED UGR PLUS luminaire was created to provide maximum comfort and work efficiency. With a UGR (Unified Glare Rating) value below 19, it minimizes the glare effect, affecting well-being, reducing fatigue and reducing the number of errors made. Suspended or surface-mounted lighting lamp with a very narrow cross-section. Its body is made of anodized aluminum profile in gray or aluminum profile painted white or black (other colors available on request). The optical system is in the form of a lens with a parabolic louver. The luminaire is equipped with a unique suspension system that facilitates the installation of the lamp and adjustment of the suspension. All BARIS 40 LED suspended luminaires contain 1.2 m long suspensions with a box included in the set.

## 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

<b>Index:</b>	769849	<b>Optics material:</b>	PC
<b>EAN:</b>	5905963769849	<b>Material of the body:</b>	aluminium
<b>Light source:</b>	LED	<b>Colour of the body:</b>	white
<b>Rated power of the luminaire [W]:</b>	31	<b>Dimensions (H/W/T/S) [mm]:</b>	53/40/1421
<b>Luminous flux [lm]:</b>	4550	<b>Mounting dimensions [mm]:</b>	1310
<b>Supply voltage [V]:</b>	220 - 240	<b>Impact resistance:</b>	IK03
<b>Frequency [Hz]:</b>	50 - 60	<b>Ingress protection:</b>	IP20
<b>Luminous efficacy [lm/W]:</b>	147	<b>Mounting version:</b>	suspended
<b>Energy efficiency class:</b>	C	<b>Working temperature [°C]:</b>	35
<b>Electrical protection class:</b>	I	<b>Number on the palette [pcs]:</b>	40
<b>Colour temperature [K]:</b>	3000	<b>Net weight [kg]:</b>	1.777
<b>Color rendering index (Ra) &gt;:</b>	80	<b>UGR (4H8H):</b>	<19
<b>SDCM:</b>	3	<b>Category of application:</b>	office lighting
<b>LED lifespan L70B50 [h]:</b>	153000	<b>Warranty [years]:</b>	5
<b>LED lifespan L80B10 [h]:</b>	96000	<b>CE certificate:</b>	<a href="#">122/2025</a>
<b>LED lifespan L90B10 [h]:</b>	46000	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Beam angle [°]:</b>	60	<b>Environmental Product Declaration (EPD):</b>	<a href="#">852/2025</a>
<b>Optics:</b>	lens	<b>Plik LDT:</b>	<a href="#">Download</a>

Card creation date: 01 October 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: 122/2025