

# BARIS 40 LED UGR PLUS N 3950LM I CL. IP20 1421MM 840 31W ANODE CO 70D

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                             | 770227    |
| <b>Ingress protection:</b>                | IP20      |
| <b>Impact resistance:</b>                 | IK03      |
| <b>Rated power of the luminaire [W]*:</b> | 31        |
| <b>Luminous flux [lm]*:</b>               | 3950      |
| <b>Colour temperature [K]:</b>            | 4000      |
| <b>Material of the body:</b>              | aluminium |
| <b>Colour of the body:</b>                | grey      |

## 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>                            | 770227        | <b>Optics material:</b>                         | PC                           |
| <b>EAN:</b>                              | 5905963770227 | <b>Material of the body:</b>                    | aluminium                    |
| <b>Light source:</b>                     | LED           | <b>Colour of the body:</b>                      | grey                         |
| <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>               | 3950          | <b>Mounting dimensions [mm]:</b>                | 1355                         |
| <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>         | 127           | <b>Mounting version:</b>                        | surface                      |
| <b>Energy efficiency class:</b>          | D             | <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>           | 4000          | <b>Net weight [kg]:</b>                         | 1.584                        |
| <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>                   | 70            | <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