

BARIS 40 LED UGR PLUS Z IOT BT PIR HYT DALI MASTER 4550LM I CL. IP20 1421MM 840 31W WHITE 70D

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|-----------|
| Index: | 939525 |
| Ingress protection: | IP20 |
| Impact resistance: | IK03 |
| Rated power of the luminaire [W]*: | 31 |
| Luminous flux [lm]*: | 4550 |
| Colour temperature [K]: | 4000 |
| SDCM: | 3 |
| Energy efficiency class: | C |
| Material of the body: | aluminium |
| Colour of the body: | white |

CHARACTERISTICS

The BARIS 40 LED UGR PLUS IoT 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.

IoT characteristics

IoT BT PIR HYT DALI: HYT Bluetooth module controlled in the Lena Lighting Clue app, **PIR** motion and light sensor, **DALI** driver allowing dimming of the light source.

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: | 939525 | Colour of the body: | white |
| EAN: | 5905963939525 | Dimensions (H/W/T/S) [mm]: | 53/40/1461 |
| Light source: | LED | Mounting dimensions [mm]: | 1310 |
| Rated power of the luminaire [W]: | 31 | Impact resistance: | IK03 |
| Supply voltage [V]: | 220 - 240 | Ingress protection: | IP20 |
| Frequency [Hz]: | 50 - 60 | Mounting version: | suspended |
| Luminous flux [lm]: | 4550 | Working temperature [°C]: | 35 |
| Luminous efficacy [lm/W]: | 147 | PIR: | yes |
| Energy efficiency class: | C | DIMM DALI: | yes |
| Electrical protection class: | I | Control: | yes |
| Colour temperature [K]: | 4000 | Master/slave: | master |
| Color rendering index (Ra) >: | 80 | Number on the palette [pcs]: | 40 |
| SDCM: | 3 | Net weight [kg]: | 1.802 |
| Power factor: | 0.97 | Category type: | luminaires and linear systems |
| LED lifespan L70B50 [h]: | 153000 | Category of application: | office lighting |
| LED lifespan L80B10 [h]: | 96000 | Version: | BT PIR HYT DALI |
| LED lifespan L90B10 [h]: | 46000 | Warranty [years]: | 5 |
| Beam angle [°]: | 70 | CE certificate: | 133/2025 |
| Optics material: | PC | Manual: | Download PDF |
| Optics: | lens | Plik LDT: | Download |
| Material of the body: | aluminium | | |

Card creation date: 21 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: 133/2025