# BARIS 40 LED UGR PLUS Z IOT BT PIR HYT DALI MASTER 2850LM I CL. IP20 1140MM 830 24W BLACK 70D

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 939747 |
| **Ingress protection:** | IP20 |
| **Impact resistance:** | IK03 |
| **Rated power of the luminaire [W]*:** | 24 |
| **Luminous flux [lm]*:** | 2850 |
| **Colour temperature [K]:** | 3000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | D |
| **Material of the body:** | aluminium |
| **Colour of the body:** | black |

## 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:** | 939747 |
| **EAN:** | 5905963939747 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 24 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 2850 |
| **Luminous efficacy [lm/W]:** | 119 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.96 |
| **LED lifespan L70B50 [h]:** | 153000 |
| **LED lifespan L80B10 [h]:** | 96000 |
| **LED lifespan L90B10 [h]:** | 46000 |
| **Beam angle [°]:** | 70 |
| **Optics material:** | PC |
| **Optics:** | lens |
| **Material of the body:** | aluminium |

| | |
|---|---|
| **Colour of the body:** | black |
| **Dimensions (H/W/T/S) [mm]:** | 53/40/1180 |
| **Mounting dimensions [mm]:** | 1030 |
| **Impact resistance:** | IK03 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | suspended |
| **Working temperature [°C]:** | from 0 to +35 |
| **PIR:** | yes |
| **DIMM DALI:** | yes |
| **Control:** | yes |
| **Master/slave:** | master |
| **Number on the palette [pcs]:** | 40 |
| **Net weight [kg]:** | 1.529 |
| **Category type:** | luminaires and linear systems |
| **Category of application:** | office lighting |
| **Version:** | BT PIR HYT DALI |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 133/2025 |
| **Manual:** | Download PDF |
| **Plik LDT:** | Download |

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 133/2025

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