

# BARIS 40 LED UGR PLUS Z IOT BT PIR HYT DALI MASTER 3775LM I CL. IP20 1421MM 830 31W ANODE CO 70D

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                             | 939518    |
| <b>Ingress protection:</b>                | IP20      |
| <b>Impact resistance:</b>                 | IK03      |
| <b>Rated power of the luminaire [W]*:</b> | 31        |
| <b>Luminous flux [lm]*:</b>               | 3775      |
| <b>Colour temperature [K]:</b>            | 3000      |
| <b>SDCM:</b>                              | 3         |
| <b>Energy efficiency class:</b>           | D         |
| <b>Material of the body:</b>              | aluminium |
| <b>Colour of the body:</b>                | grey      |

## 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:                            | 939518        | Colour of the body:          | grey                          |
| EAN:                              | 5905963939518 | 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]:               | 3775          | Working temperature [°C]:    | 35                            |
| Luminous efficacy [lm/W]:         | 122           | PIR:                         | yes                           |
| Energy efficiency class:          | D             | DIMM DALI:                   | yes                           |
| Electrical protection class:      | I             | Control:                     | yes                           |
| Colour temperature [K]:           | 3000          | 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:              | <a href="#">133/2025</a>      |
| Optics material:                  | PC            | Manual:                      | <a href="#">Download PDF</a>  |
| Optics:                           | lens          | Plik LDT:                    | <a href="#">Download</a>      |
| 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