

# BARIS 40 LED Z 5100LM UGR DALI I CL. IP44 1421 MM 840 BLACK 44W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |             |
|---|-------------|
| <b>Index:</b>                             | 459948      |
| <b>Rated power of the luminaire [W]*:</b> | 44          |
| <b>Luminous flux [lm]*:</b>               | 5100        |
| <b>Colour temperature [K]:</b>            | 4000        |
| <b>Ingress protection:</b>                | IP44        |
| <b>UGR (4H8H):</b>                        | 17.5 - 19.5 |
| <b>Energy efficiency class:</b>           | D           |
| <b>Material of the body:</b>              | aluminium   |
| <b>Diffuser material:</b>                 | PMMA        |
| <b>Diffuser type:</b>                     | transparent |

## CHARACTERISTICS

Luminaires BARIS 40 LED UGR was created to provide maximum comfort and efficiency. A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes. Suspended or surface-mounted luminaire with a very narrow cross-section. The bodies are available as an anodised aluminium profile in grey or as an aluminium profile painted in white or black (other colours available on request). Optical system in the form of an opal cover. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires have 1.2m long slings in a set with a box.

## 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.

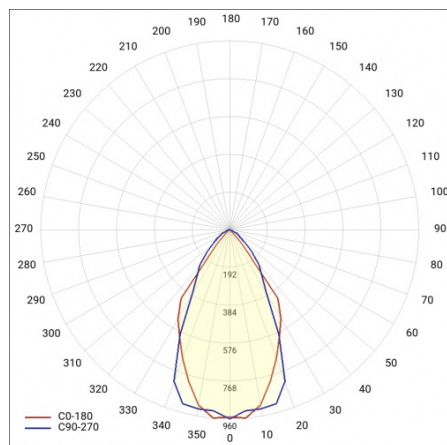
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## TECHNICAL PARAMETERS TABLE

|  |               |                                 |   |
|--|---------------|---------------------------------|---|
| <b>Index:</b>                            | 459948        | <b>LED lifespan L80B20 [h]:</b> | 73000   |
| <b>Rated power of the luminaire [W]:</b> | 44            | <b>LED lifespan L90B10 [h]:</b> | 35000   |
| <b>EAN:</b>                              | 5905963459948 | <b>Diffuser material:</b>       | PMMA  |
| <b>Colour temperature [K]:</b>           | 4000          | <b>Diffuser type:</b>           | transparent   |
| <b>Luminous flux [lm]:</b>               | 5100          | <b>Diffuser colour:</b>         | transparent   |
| <b>Colour of the body:</b>               | black         | <b>Optics:</b>                  | raster UGR  |
| <b>Supply voltage [V]:</b>               | 220 - 240     | <b>Material of the body:</b>    | aluminium   |
| <b>DIMM DALI:</b>                        | yes           | <b>Net weight [kg]:</b>         | 2.050   |
| <b>Frequency [Hz]:</b>                   | 50 - 60       | <b>UGR (4H8H):</b>              | 17.5 - 19.5   |
| <b>Ingress protection:</b>               | IP44          | <b>Warranty [years]:</b>        | 5   |
| <b>Energy efficiency class:</b>          | D             | <b>Photobiological safety:</b>  | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| <b>Luminous efficacy [lm/W]:</b>         | 117           | <b>Warranty [years]:</b>        | 5   |
| <b>Mounting version:</b>                 | suspended     | <b>CE certificate:</b>          | <a href="#">238/2023</a>  |
| <b>Dimensions (H/W/T/S) [mm]:</b>        | 53/40/1421    | <b>ENEC Certificate:</b>        | PL BBJ/004/2022/M1/A1   |
| <b>Electrical protection class:</b>      | I             | <b>Manual:</b>                  | <a href="#">Download PDF</a>  |
| <b>Colour rendering index:</b>           | >80           | <b>Impact resistance:</b>       | IK03  |
| <b>SDCM:</b>                             | ≤ 3           | <b>Plik LDT:</b>                | <a href="#">Download</a>  |
| <b>LED lifespan L70B50 [h]:</b>          | 116000        |                                 |   |

## LIGHT CURVES



Card creation date: 02 January 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: 238/2023



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