

# BARIS 40 LED Z 2100LM PRM I IP44 1140 MM 830 WHITE 18W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                             | 454097    |
| <b>Rated power of the luminaire [W]*:</b> | 18        |
| <b>Luminous flux [lm]*:</b>               | 2100      |
| <b>Colour temperature [K]:</b>            | 3000      |
| <b>Ingress protection:</b>                | IP44      |
| <b>Energy efficiency class:</b>           | D         |
| <b>Material of the body:</b>              | aluminium |
| <b>Colour of the body:</b>                | white     |
| <b>Diffuser material:</b>                 | PC        |
| <b>Diffuser type:</b>                     | PRM       |

## CHARACTERISTICS

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). The optical system in the form of an opal cover. The optical system in the form of a prismatic diaphragm reduces glare and is characterized by a greater light transmittance than the opal diffuser, which has a direct impact on a higher value of luminous efficacy. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires to 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. Wall lamps are intended, among others for use in corridors, passageways as well as sanitary rooms and bathrooms, where IP44 class is required

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## TECHNICAL PARAMETERS TABLE

|                                   |               |                            |                                    |
|-----------------------------------|---------------|----------------------------|------------------------------------|
| Index:                            | 454097        | Dimensions (H/W/T/S) [mm]: | 53/40/1140                         |
| EAN:                              | 4540975905963 | Ingress protection:        | IP44                               |
| Light source:                     | LED           | Mounting dimensions [mm]:  | 1029                               |
| Rated power of the luminaire [W]: | 18            | Mounting version:          | suspended                          |
| Colour temperature [K]:           | 3000          | Net weight [kg]:           | 1.480                              |
| Luminous flux [lm]:               | 2100          | Category type:             | battens                            |
| Nominal power [W]:                | 16            | AC voltage range [V]:      | 220 - 240                          |
| Diffuser type:                    | PRM           | LED lifespan L70B50 [h]:   | 116000                             |
| Frequency [Hz]:                   | 50 - 60       | LED lifespan L80B20 [h]:   | 73000                              |
| Luminous efficacy [lm/W]:         | 118           | LED lifespan L90B10 [h]:   | 35000                              |
| Energy efficiency class:          | D             | Flicker index:             | 0.060                              |
| Electrical protection class:      | I             | Impact resistance:         | IK03                               |
| Colour rendering index:           | >80           | CE certificate:            | <a href="#">237/2023</a>           |
| SDCM:                             | <3            | ENEC Certificate:          | <a href="#">PL BBJ/004/2022</a>    |
| Power factor:                     | 0.92          | PZH certificate:           | <a href="#">B-BK-60212-0109/21</a> |
| Diffuser material:                | PC            | Warranty [years]:          | 5                                  |
| Diffuser colour:                  | transparent   | Manual:                    | <a href="#">Download PDF</a>       |
| Colour of the body:               | white         | Plik LDT:                  |                                    |
| Material of the body:             | aluminium     |                            |                                    |

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: 237/2023