

# BARIS 40 LED Z 5900LM PRM DALI I IP44 1140 MM 840 ANODE CO 50W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Index:</b>                             | 454509    |
| <b>Rated power of the luminaire [W]*:</b> | 50        |
| <b>Luminous flux [lm]*:</b>               | 5900      |
| <b>Colour temperature [K]:</b>            | 4000      |
| <b>Ingress protection:</b>                | IP44      |
| <b>Energy efficiency class:</b>           | D         |
| <b>Material of the body:</b>              | aluminium |
| <b>Colour of the body:</b>                | grey      |
| <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

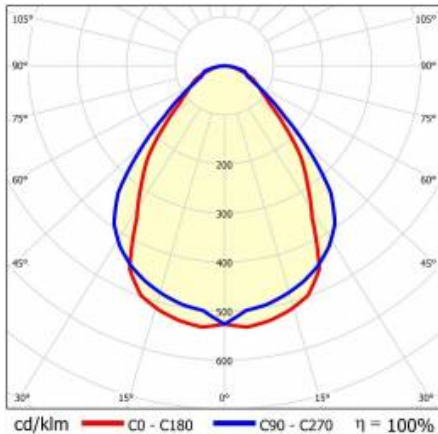
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                            |                                    |
|-----------------------------------|---------------|----------------------------|------------------------------------|
| Index:                            | 454509        | Dimensions (H/W/T/S) [mm]: | 53/40/1140                         |
| EAN:                              | 4545095905963 | Mounting dimensions [mm]:  | 1029                               |
| Light source:                     | LED           | Ingress protection:        | IP44                               |
| Rated power of the luminaire [W]: | 50            | Mounting version:          | suspended                          |
| Nominal power [W]:                | 47            | Net weight [kg]:           | 1.660                              |
| Frequency [Hz]:                   | 50 - 60       | Category type:             | battens                            |
| Luminous flux [lm]:               | 5900          | AC voltage range [V]:      | 220 - 240                          |
| Luminous efficacy [lm/W]:         | 117           | LED lifespan L70B50 [h]:   | 109000                             |
| Energy efficiency class:          | D             | LED lifespan L80B20 [h]:   | 69000                              |
| Electrical protection class:      | I             | LED lifespan L90B10 [h]:   | 34000                              |
| Colour temperature [K]:           | 4000          | DIMM DALI:                 | yes                                |
| Colour rendering index:           | >80           | Flicker index:             | 0.060                              |
| SDCM:                             | <3            | Impact resistance:         | IK03                               |
| Power factor:                     | 0.97          | CE certificate:            | <a href="#">237/2023</a>           |
| Diffuser material:                | PC            | ENEC Certificate:          | <a href="#">PL BBJ/004/2022</a>    |
| Diffuser type:                    | PRM           | PZH certificate:           | <a href="#">B-BK-60212-0109/21</a> |
| Diffuser colour:                  | transparent   | Warranty [years]:          | 5                                  |
| Material of the body:             | aluminium     | Manual:                    | <a href="#">Download PDF</a>       |
| Colour of the body:               | grey          |                            |                                    |

## LIGHT CURVES



Card creation date: 08 July 2024

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