

# BARIS 40 LED Z 2950LM PLX I CL. IP44 1140MM 840 18W BLACK

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 131455 |
| <b>Rated power of the luminaire [W]*:</b> | 18     |
| <b>Luminous flux [lm]*:</b>               | 2950   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Ingress protection:</b>                | IP44   |
| <b>Energy efficiency class:</b>           | B      |
| <b>Colour of the body:</b>                | black  |
| <b>Diffuser material:</b>                 | PC     |
| <b>Diffuser type:</b>                     | OPAL   |

## 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

# BARIS 40 LED Z 2950LM PLX I CL. IP44 1140MM 840 18W BLACK

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|  |               |   |  |
|--|---------------|---|--|
| <b>Index:</b>                            | 131455        | <b>Net weight [kg]:</b>                         | 1.360  |
| <b>EAN:</b>                              | 5905963131455 | <b>Category type:</b>                           | luminaires and linear systems                    |
| <b>Light source:</b>                     | LED           | <b>LED lifespan L70B50 [h]:</b>                 | 150000   |
| <b>Rated power of the luminaire [W]:</b> | 18            | <b>LED lifespan L80B10 [h]:</b>                 | 100000   |
| <b>Frequency [Hz]:</b>                   | 50 - 60       | <b>LED lifespan L90B10 [h]:</b>                 | 50000  |
| <b>Luminous flux [lm]:</b>               | 2950          | <b>Supply voltage [V]:</b>                      | 220-240  |
| <b>Luminous efficacy [lm/W]:</b>         | 164           | <b>Impact resistance:</b>                       | IK06   |
| <b>Energy efficiency class:</b>          | B             | <b>Working temperature [°C]:</b>                | 35   |
| <b>Electrical protection class:</b>      | I             | <b>Warranty [years]:</b>                        | 5  |
| <b>Colour temperature [K]:</b>           | 4000          | <b>CE certificate:</b>                          | <a href="#">04/2026</a>                          |
| <b>Color rendering index (Ra) &gt;:</b>  | 80            | <b>ENEC Certificate:</b>                        | <a href="#">PL BBJ/004/2022/M1/A1</a>            |
| <b>SDCM:</b>                             | 3             | <b>PZH certificate:</b>                         | <a href="#">B-BK-60212-0109/21</a>               |
| <b>Diffuser material:</b>                | PC            | <b>Manual:</b>                                  | <a href="#">Download PDF</a>                     |
| <b>Diffuser type:</b>                    | OPAL          | <b>Environmental Product Declaration (EPD):</b> | <a href="#">852/2025</a>                         |
| <b>Colour of the body:</b>               | black         | <b>Category of application:</b>                 | office lighting                                  |
| <b>Dimensions (H/W/T/S) [mm]:</b>        | 53/40/1140    | <b>ISO Certificates:</b>                        | 9001:2015, 14001:2015,<br>45001:2018, 50001:2018 |
| <b>Ingress protection:</b>               | IP44          | <b>Plik LDT:</b>                                | <a href="#">Download</a>                         |
| <b>Mounting version:</b>                 | suspended     |   |  |

## LIGHT CURVES



Card creation date: 17 February 2026

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. 04/2026



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl