

# BARIS 40 LED N 1600LM PRM I IP20 579 MM 830 BLACK 16W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |           |
|------------------------------------|-----------|
| Index:                             | 455353    |
| Rated power of the luminaire [W]*: | 16        |
| Luminous flux [lm]*:               | 1600      |
| Colour temperature [K]:            | 3000      |
| Ingress protection:                | IP20      |
| Energy efficiency class:           | E         |
| Material of the body:              | aluminium |
| Colour of the body:                | black     |
| Diffuser material:                 | PC        |
| Diffuser type:                     | 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:                            | 455353        | Dimensions (H/W/T/S) [mm]: | 53/40/579                          |
| EAN:                              | 4553535905963 | Mounting dimensions [mm]:  | 510                                |
| Light source:                     | LED           | Ingress protection:        | IP20                               |
| Rated power of the luminaire [W]: | 16            | Mounting version:          | surface                            |
| Nominal power [W]:                | 14            | Net weight [kg]:           | 0.630                              |
| Frequency [Hz]:                   | 50 - 60       | Category type:             | luminaires and linear systems      |
| Luminous flux [lm]:               | 1600          | AC voltage range [V]:      | 220 - 240                          |
| Luminous efficacy [lm/W]:         | 100           | LED lifespan L70B50 [h]:   | 108500                             |
| Energy efficiency class:          | E             | LED lifespan L80B20 [h]:   | 68500                              |
| Electrical protection class:      | I             | LED lifespan L90B10 [h]:   | 33000                              |
| Colour temperature [K]:           | 3000          | Flicker index:             | 0.060                              |
| Colour rendering index:           | 80            | Impact resistance:         | IK06                               |
| SDCM:                             | ≤ 3           | CE certificate:            | <a href="#">236/2023</a>           |
| Power factor:                     | 0.97          | ENEC Certificate:          | <a href="#">PL BBJ/003/2022</a>    |
| Diffuser material:                | PC            | PZH certificate:           | <a href="#">B-BK-60212-0109/21</a> |
| Diffuser type:                    | PRM           | Warranty [years]:          | 5                                  |
| Diffuser colour:                  | transparent   | Manual:                    | <a href="#">Download PDF</a>       |
| Material of the body:             | aluminium     | Plik LDT:                  | <a href="#">Download</a>           |
| Colour of the body:               | black         |                            |                                    |

### LIGHT CURVES

