

# BARIS 52 LED P GK 1425MM 4400LM 840 IP44/IP20 I CL. PRM BLACK 42W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |                                        |
|------------------------------------|----------------------------------------|
| Ingress protection:                | IP44/IP20                              |
| Rated power of the luminaire [W]*: | 42                                     |
| Luminous flux [lm]*:               | 4400                                   |
| Colour temperature [K]:            | 4000                                   |
| Energy efficiency class:           | E                                      |
| Material of the body:              | aluminium                              |
| Colour of the body:                | black                                  |
| Diffuser material:                 | PC                                     |
| Diffuser type:                     | PRM                                    |
| Mounting version:                  | flush-mounted in plasterboard ceilings |

## CHARACTERISTICS

Recessed lighting luminaire of classic proportions and modern design intended for installation in plaster-cardboard ceilings. Luminaire construction allows for installation in ceilings with two-level cross grid without breaching main (top) profiles. It is possible due to appropriately selected height of the lamp profile, reduced to 37mm and separate box for the power supply, which can be placed next to the luminaire. The luminaire is offered in four lengths with the possibility to combine into a line with a constant flux ratio from the meter (system available on request). Luminaire body is made of anodized aluminum profile in grey or aluminum profile painted white or black (other colors available on request). The optical system is in the form of a dedicated, flexible opal diffuser uniformly illuminating the luminaire, with a PRM prismatic diffuser or with a louver meeting the stringent requirements regarding glare UGR<19. The luminaire comes with a complete mounting system for a quick and easy installation in plasterboard ceilings.

## APPLICATION

The luminaire is dedicated for indoor use. It is applied as the source of the main light and conducive to office work requiring concentration of eyesight. Classic design, energy-saving LED modules and the possibility of cooperation with external lighting control systems in the DALI standard dedicate the lamp to be used in modern office buildings of the A+ class, with particular consideration of representative rooms, conference halls, passageways and everywhere, where a low glare and/or high IP44 sealing from below is required.

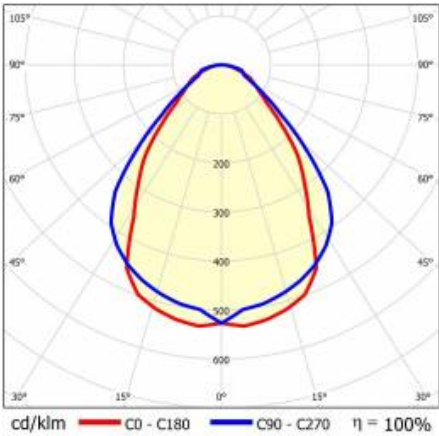
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                            |                                        |
|-----------------------------------|---------------|----------------------------|----------------------------------------|
| Index:                            | 927607        | Exchangeable source:       | yes                                    |
| Rated power of the luminaire [W]: | 42            | Diffuser material:         | PC                                     |
| EAN:                              | 5905963927607 | Colour of the body:        | black                                  |
| Colour temperature [K]:           | 4000          | Diffuser colour:           | clear                                  |
| Luminous flux [lm]:               | 4400          | Dimensions (H/W/T/S) [mm]: | 37/69/1425                             |
| Diffuser type:                    | PRM           | Optics:                    | Microprism                             |
| Supply voltage [V]:               | 220 - 240     | Material of the body:      | aluminium                              |
| Frequency [Hz]:                   | 50 - 60       | Ingress protection:        | IP44/IP20                              |
| Luminous efficacy [lm/W]:         | 104           | Mounting version:          | flush-mounted in plasterboard ceilings |
| Energy efficiency class:          | E             | Net weight [kg]:           | 2.200                                  |
| Electrical protection class:      | I             | Impact resistance:         | IK03                                   |
| Colour rendering index:           | >80           | Working temperature [°C]:  | from -25 to +35                        |
| SDCM:                             | ≤ 3           | CE certificate:            | <a href="#">235/2023</a>               |
| LED lifespan L70B50 [h]:          | 109 000       | PZH certificate:           | <a href="#">B-BK-60112-0357/2023</a>   |
| LED lifespan L80B20 [h]:          | 69 000        | Manual:                    | <a href="#">Download PDF</a>           |
| LED lifespan L90B10 [h]:          | 34000         | Plik LDT:                  | <a href="#">Download</a>               |

## 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: 235/2023



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