BARIS 40 LED N 5100LM UGR I CL. IP20 1421 MM 840 WHITE 44W

DETAILED CARD



TECHNICAL PARAMETERS

Index: 458927

Rated power of the luminaire [W]*: 44

Luminous flux [lm]*: 5100

Colour temperature [K]: 4000

Ingress protection: IP20

UGR (4H8H): 17.5 - 19.5

Energy efficiency class:

Material of the body: aluminium

Diffuser material: PMMA

Diffuser type: transparent

CHARACTERISTICS

Luminaires BARIS 40 LED UGR was created to provide maximum comfort and efficiency. A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes.

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). Optical system in the form of an opal cover. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires 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.



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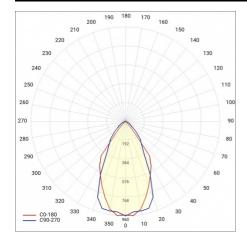
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Index: | 458927 |
|-----------------------------------|---------------|
| Rated power of the luminaire [W]: | 44 |
| EAN: | 5905963458927 |
| Colour temperature [K]: | 4000 |
| Luminous flux [lm]: | 5100 |
| Colour of the body: | white |
| Supply voltage [V]: | 220 - 240 |
| Frequency [Hz]: | 50 - 60 |
| Ingress protection: | IP20 |
| Energy efficiency class: | D |
| Luminous efficacy [lm/W]: | 117 |
| Mounting version: | surface |
| Dimensions (H/W/T/S) [mm]: | 53/40/1421 |
| Electrical protection class: | 1 |
| Colour rendering index: | >80 |
| SDCM: | ≤3 |
| LED lifespan L70B50 [h]: | 116000 |

| LED lifespan L80B20 [h]: | 73000 |
|--------------------------|---|
| LED lifespan L90B10 [h]: | 35000 |
| Diffuser material: | PMMA |
| Diffuser type: | transparent |
| Diffuser colour: | transparent |
| Optics: | raster UGR |
| Material of the body: | aluminium |
| Net weight [kg]: | 1.510 |
| UGR (4H8H): | 17.5 - 19.5 |
| Warranty [years]: | 5 |
| Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Warranty [years]: | 5 |
| CE certificate: | 239/2023 |
| ENEC Certificate: | PL BBJ/003/2022/M1/A1 |
| Manual: | Download PDF |
| Impact resistance: | IK03 |
| Plik LDT: | Download |

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%



