

# BARIS 52 LED UGR PLUS Z 1703MM 5450LM 840 IP44 I CL. ANODE CO 45W NO DIFFUSER 70D (30W/M)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 124921 |
| <b>Ingress protection:</b>                | IP44   |
| <b>Impact resistance:</b>                 | IK03   |
| <b>Rated power of the luminaire [W]*:</b> | 45     |
| <b>Luminaire power [W/m]:</b>             | 30     |
| <b>Luminous flux [lm]*:</b>               | 5450   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Color rendering index (Ra) &gt;:</b>   | 80     |
| <b>SDCM:</b>                              | 3      |
| <b>Energy efficiency class:</b>           | D      |

## CHARACTERISTICS

Baris 52 LED UGR Plus is a modern LED linear luminaire designed for flexible, elegant lighting arrangements. Available in 9 lengths (1143–5623 mm) and with the possibility of connecting into unlimited lines, it fits perfectly into any interior. Precise UGR < 19 optics ensure comfortable working conditions, while efficiency of up to 143 lm/W guarantees high performance and energy savings. Available in surface-mounted or suspended versions, in grey, white and black, with an aluminium body and DALI or on/off control. It is the perfect combination of modern design, quality and functionality – ideal for offices, commercial spaces and modern interiors.

## APPLICATION

The luminaire is designed for indoor use. It is used as a main light source and is ideal for office work requiring visual concentration. Its unique design, energy-efficient LED modules and compatibility with external DALI lighting control systems make it ideal for use in modern A+ class office buildings, particularly in representative rooms.

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## TECHNICAL PARAMETERS TABLE

|  |               |   |  |
|--|---------------|---|--|
| <b>Index:</b>                            | 124921        | <b>Beam angle [°]:</b>                          | 70   |
| <b>EAN:</b>                              | 5905963124921 | <b>Optics material:</b>                         | PC   |
| <b>Light source:</b>                     | LED module    | <b>Optics:</b>                                  | lens   |
| <b>Rated power of the luminaire [W]:</b> | 45            | <b>Material of the body:</b>                    | aluminium  |
| <b>Luminaire power [W/m]:</b>            | 30            | <b>Colour of the body:</b>                      | grey   |
| <b>Supply voltage [V]:</b>               | 220-240       | <b>Dimensions (H/W/T/S) [mm]:</b>               | 69/52/1703                                       |
| <b>Frequency [Hz]:</b>                   | 50-60         | <b>Impact resistance:</b>                       | IK03   |
| <b>Luminous flux [lm]:</b>               | 5450          | <b>Ingress protection:</b>                      | IP44   |
| <b>Luminous efficacy [lm/W]:</b>         | 121           | <b>Mounting version:</b>                        | suspended  |
| <b>Energy efficiency class:</b>          | D             | <b>Working temperature [°C]:</b>                | 35   |
| <b>Electrical protection class:</b>      | I             | <b>Net weight [kg]:</b>                         | 2.900  |
| <b>Colour temperature [K]:</b>           | 4000          | <b>UGR (4H8H):</b>                              | <19  |
| <b>Color rendering index (Ra) &gt;:</b>  | 80            | <b>Warranty [years]:</b>                        | 5  |
| <b>SDCM:</b>                             | 3             | <b>CE certificate:</b>                          | <a href="#">81/2026</a>                          |
| <b>Power factor:</b>                     | 0.97          | <b>Manual:</b>                                  | <a href="#">Download PDF</a>                     |
| <b>LED lifespan L70B50 [h]:</b>          | 153000        | <b>Environmental Product Declaration (EPD):</b> | <a href="#">852/2025</a>                         |
| <b>LED lifespan L80B10 [h]:</b>          | 100000        | <b>ISO Certificates:</b>                        | 9001:2015, 14001:2015,<br>45001:2018, 50001:2018 |
| <b>LED lifespan L90B10 [h]:</b>          | 50000         | <b>Plik LDT:</b>                                | <a href="#">Download</a>                         |

# BARIS 52 LED UGR PLUS Z 1703MM 5450LM 840 IP44 I CL. ANODE CO 45W NO DIFFUSER 70D (30W/M)

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## ACCESSORIES AVAILABLE

| index  | Name  |
|--------|---|
| 318023 | Baris 52 - linear connector. straight           |
| 318030 | Baris 52 - white power suspension               |
| 318047 | Baris 52 - black power suspension               |
| 318054 | Baris 52 - anodized power suspension            |
| 318061 | Baris 52 - Dali white power suspension          |
| 318078 | Baris 52 - Dali black power suspension          |
| 318085 | Dali anodized power suspension                  |
| 318092 | Baris 52 – suspension                           |
| 465703 | Baris 52 diffuser UGR length of 12500mm (12.5m) |
| 465710 | Baris 52 diffuser UGR length of 13000mm (13.0m) |
| 465727 | Baris 52 diffuser UGR length of 13500mm (13.5m) |
| 465734 | Baris 52 diffuser UGR length of 14000mm (14.0m) |
| 465741 | Baris 52 diffuser UGR length of 14500mm (14.5m) |
| 465758 | Baris 52 diffuser UGR length of 15000mm (15.0m) |
| 465765 | Baris 52 diffuser UGR length of 15500mm (15.5m) |
| 465772 | Baris 52 diffuser UGR length of 16000mm (16.0m) |
| 465789 | Baris 52 diffuser UGR length of 16500mm (16.5m) |
| 465796 | Baris 52 diffuser UGR length of 17000mm (17.0m) |
| 465802 | Baris 52 diffuser UGR length of 17500mm (17.5m) |
| 465819 | Baris 52 diffuser UGR length of 18000mm (18.0m) |
| 465826 | Baris 52 diffuser UGR length of 18500mm (18.5m) |
| 465833 | Baris 52 diffuser UGR length of 19000mm (19.0m) |
| 465840 | Baris 52 diffuser UGR length of 19500mm (19.5m) |
| 465857 | Baris 52 diffuser UGR length of 20000mm (20.0m) |
| 465864 | Baris 52 diffuser UGR length of 20500mm (20.5m) |
| 465871 | Baris 52 diffuser UGR length of 21000mm (21.0m) |
| 465888 | Baris 52 diffuser UGR length of 21500mm (21.5m) |
| 465895 | Baris 52 diffuser UGR length of 22000mm (22.0m) |
| 465901 | Baris 52 diffuser UGR length of 22500mm (22.5m) |
| 465918 | Baris 52 diffuser UGR length of 23000mm (23.0m) |
| 465925 | Baris 52 diffuser UGR length of 23500mm (23.5m) |
| 673979 | Baris 52 - DALI linear connector                |
| 442629 | Baris 52 - Touch DIM linear connector           |

# BARIS 52 LED UGR PLUS Z 1703MM 5450LM 840 IP44 I CL. ANODE CO 45W NO DIFFUSER 70D (30W/M)

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Baris 52 - linear connector.  
straight (318023)



Baris 52 - Dali black power  
suspension (318078)

Card creation date: 04 December 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: 81/2026