# BARIS 52 LED UGR PLUS Z 4503MM 18275LM 840 IP44 I CL. DALI ANODE CO 148W NO DIFFUSER 70D (37W/M)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 126604 |
| **Ingress protection:** | IP44 |
| **Impact resistance:** | IK03 |
| **Rated power of the luminaire [W]*:** | 148 |
| **Luminaire power [W/m]:** | 37 |
| **Luminous flux [lm]*:** | 18275 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | 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

| | |
|---|---|
| **Index:** | 126604 |
| **EAN:** | 5905963126604 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 148 |
| **Luminaire power [W/m]:** | 37 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 18275 |
| **Luminous efficacy [lm/W]:** | 123 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.96 |
| **LED lifespan L70B50 [h]:** | 153000 |
| **LED lifespan L80B10 [h]:** | 100000 |
| **LED lifespan L90B10 [h]:** | 50000 |
| **Beam angle [°]:** | 70 |

| | |
|---|---|
| **Optics material:** | PC |
| **Optics:** | lens |
| **Material of the body:** | aluminium |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 69/52/4503 |
| **Impact resistance:** | IK03 |
| **Ingress protection:** | IP44 |
| **Mounting version:** | suspended |
| **Working temperature [°C]:** | from 0 to +35 |
| **DIMM DALI:** | yes |
| **Net weight [kg]:** | 7.700 |
| **UGR (4H8H):** | <19 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 81/2026 |
| **Manual:** | Download PDF |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

# BARIS 52 LED UGR PLUS Z 4503MM 18275LM 840 IP44 I CL. DALI ANODE CO 148W NO DIFFUSER 70D (37W/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 |
| 465499 | Baris 52 diffuser UGR length of 2000mm (2.0m) |
| 465529 | Baris 52 diffuser UGR length of 3500mm (3.5m) |
| 465536 | Baris 52 diffuser UGR length of 4000mm (4.0m) |
| 465543 | Baris 52 diffuser UGR length of 4500mm (4.5m) |
| 465550 | Baris 52 diffuser UGR length of 5000mm (5.0m) |
| 465567 | Baris 52 diffuser UGR length of 5500mm (5.5m) |
| 465574 | Baris 52 diffuser UGR length of 6000mm (6.0m) |
| 465581 | Baris 52 diffuser UGR length of 6500mm (6.5m) |
| 465598 | Baris 52 diffuser UGR length of 7000mm (7.0m) |
| 465604 | Baris 52 diffuser UGR length of 7500mm (7.5m) |
| 465611 | Baris 52 diffuser UGR length of 8000mm (8.0m) |
| 465628 | Baris 52 diffuser UGR length of 8500mm (8.5m) |
| 465635 | Baris 52 diffuser UGR length of 9000mm (9.0m) |
| 465642 | Baris 52 diffuser UGR length of 9500mm (9.5m) |
| 465659 | Baris 52 diffuser UGR length of 10000mm (10.0m) |
| 465666 | Baris 52 diffuser UGR length of 10500mm (10.5m) |
| 465673 | Baris 52 diffuser UGR length of 11000mm (11.0m) |
| 465680 | Baris 52 diffuser UGR length of 11500mm (11.5m) |
| 465697 | Baris 52 diffuser UGR length of 12000mm (12.0m) |
| 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) |

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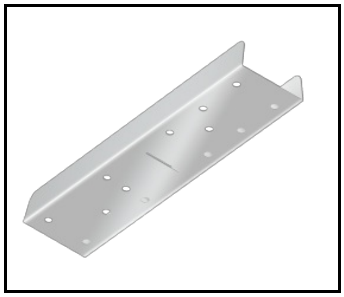
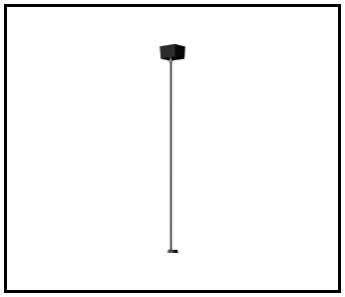
| | |
|---|---|
| 465789 | Baris 52 diffuser UGR length of 16500mm (16.5m) |
| 465796 | Baris 52 diffuser UGR length of 17000mm (17.0m) |
| 465802 | Baris 52 diffuser UGR length of 17500mm (17.5m) |
| 465819 | Baris 52 diffuser UGR length of 18000mm (18.0m) |
| 465826 | Baris 52 diffuser UGR length of 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 - 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 81/2026

LENA LIGHTING

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