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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	126468
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.

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

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	126468
EAN:	5905963126468
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:	0.97
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
Net weight [kg]:	7.650
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. ANODE CO 148W NO DIFFUSER 70D (37W/M)

DETAILED CARD

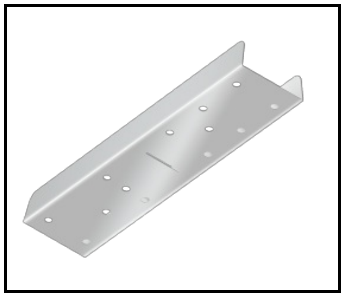
ACCESSORIES AVAILABLE

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)

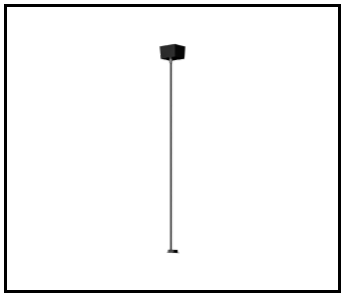
BARIS 52 LED UGR PLUS Z 4503MM 18275LM 840 IP44 I CL. ANODE CO 148W NO DIFFUSER 70D (37W/M)

DETAILED CARD

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

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl