

BARIS 52 LED Z 583MM 1500LM 840 IP44 I CL. DALI PRM ANODA CO 16W SINGLE

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44
Impact resistance:	IK06
Rated power of the luminaire [W]*:	16
Luminous flux [lm]*:	1500
Colour temperature [K]:	4000
Material of the body:	aluminium
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	PRM
Mounting version:	suspended

CHARACTERISTICS

Suspended or surface-mounted luminaire with classic proportions and modern design. The housing of the luminaire is made of an anodized aluminum profile in gray or an aluminum profile painted in white or black (other colors available on request). The optical system is in the form of a prismatic diffuser (PRM); a dedicated, flexible opal diffuser evenly illuminating the luminaire or with a louver that meets the stringent glare requirements UGR <19 covered with a transparent cover. The modularity and dismantling of the luminaire allow for the replacement of electronic components, such as the LED strip, power supply, and replacement of the lampshade by qualified persons. The luminaire profile has been adapted to work with intelligent IoT modules, which will additionally optimize the level and amount of light provided by it, as well as the direct/indirect version that allows some of the light to be directed upwards, illuminating the ceiling. The luminaire is equipped with a unique suspension system that facilitates the installation of the luminaire and adjustment of the suspension. All Baris 52 LED Single suspended luminaires include 1.2m long pendants with a socket in the set and are equipped with a diffuser.

APPLICATION

The luminaire is intended for indoor use. It is used as the main light source and favors office work that requires concentrated vision. The unique design, the energy-saving LED modules, and the ability to work with external lighting control systems in the DALI standard predestine the luminaire for use in modern office buildings of class A+, with a particular focus on offices, prestigious rooms, conference rooms, passageways, and wherever IP44 protection is required. Baris 52 LED Single is, as the name suggests, a single lighting element with a specific length. To create a line of length up to 6 meters without connecting the profile and up to 25 meters without connecting the lampshade, version BARIS 52 LED.

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TECHNICAL PARAMETERS TABLE

Index:	461842	Material of the body:	aluminium
EAN:	5905963461842	Colour of the body:	grey
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	583/69/52
Rated power of the luminaire [W]:	16	Impact resistance:	IK06
Luminous flux [lm]:	1500	Ingress protection:	IP44
Supply voltage [V]:	220 - 240	Mounting version:	suspended
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -25 to +35
Luminous efficacy [lm/W]:	84	DIMM DALI:	yes
Energy efficiency class:	F	Control:	DALI
Electrical protection class:	I	Net weight [kg]:	1.300
Colour temperature [K]:	4000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Color rendering index (Ra) >:	80	Category of application:	office lighting
SDCM:	3	Warranty [years]:	5
LED lifespan L70B50 [h]:	111500	CE certificate:	233/2023
LED lifespan L80B20 [h]:	70400	ENEC Certificate:	PL BBJ/006/2022/M1
LED lifespan L90B10 [h]:	34000	PZH certificate:	B-BK-60112-0357/2023
Diffuser material:	PC	Manual:	Download PDF
Diffuser type:	PRM	Environmental Product Declaration (EPD):	852/2025
Diffuser colour:	transparent	Plik LDT:	Download
Optics:	Microprism		

LIGHT CURVES

