

BARIS 52 LED N 583MM 1600LM 830 IP44 I CL. DALI UGR ANODA CO 18W WITH RASTER. SINGLE

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44
Impact resistance:	IK06
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	1600
Colour temperature [K]:	3000
Material of the body:	aluminium
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	UGR
Mounting version:	surface

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.

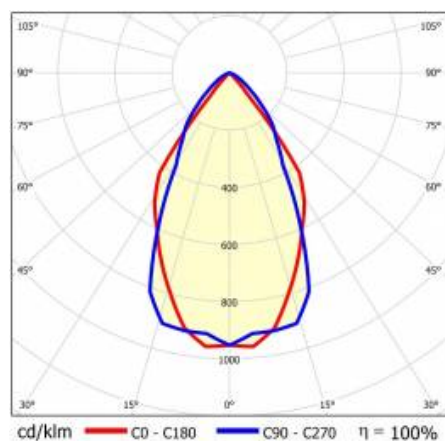
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TECHNICAL PARAMETERS TABLE

Index:	469770	Material of the body:	aluminium
EAN:	5905963469770	Colour of the body:	grey
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	583/69/52
Rated power of the luminaire [W]:	18	Impact resistance:	IK06
Luminous flux [lm]:	1600	Ingress protection:	IP44
Supply voltage [V]:	220 - 240	Mounting version:	surface
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -25 to +35
Luminous efficacy [lm/W]:	81	DIMM DALI:	yes
Energy efficiency class:	F	Control:	DALI
Electrical protection class:	I	Net weight [kg]:	1
Colour temperature [K]:	3000	UGR (4H8H):	<19
Color rendering index (Ra) >:	80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	3	Category of application:	office lighting
LED lifespan L70B50 [h]:	111500	Warranty [years]:	5
LED lifespan L80B20 [h]:	70400	CE certificate:	234/2023
LED lifespan L90B10 [h]:	34000	ENEC Certificate:	PL BB/J/006/2022/M1
Diffuser material:	PC	PZH certificate:	B-BK-60112-0357/2023
Diffuser type:	UGR	Manual:	Download PDF
Diffuser colour:	transparent	Environmental Product Declaration (EPD):	852/2025
Optics:	raster	Plik LDT:	Download

LIGHT CURVES



Card creation date: 16 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: 234/2023



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