

BARIS 40 LED Z 4450LM PLX DALI I KL. IP20 1140 MM 830 WHITE 50W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	318634
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	4450
Colour temperature [K]:	3000
Ingress protection:	IP20
Energy efficiency class:	F
Material of the body:	aluminium
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL

CHARACTERISTICS

Suspended or surface-mounted luminaire with a very narrow cross-section. The bodies are available as an anodised aluminium profile in grey or as an aluminium profile painted in white or black (other colours available on request). The optical system in the form of an opal cover. The optical system in the form of a prismatic diaphragm reduces glare and is characterized by a greater light transmittance than the opal diffuser, which has a direct impact on a higher value of luminous efficacy. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires to have 1.2m long slings in a set with a box.

APPLICATION

The luminaire is intended for indoor use. Especially recommended as a source of main lighting conducive to office work. Unique design, energy-saving LED modules and possible integration with external lighting control systems in the DALI standard make this luminaire suitable for use in modern A+ class office buildings, with particular emphasis on representative rooms. Wall lamps are intended, among others for use in corridors, passageways as well as sanitary rooms and bathrooms, where IP44 class is required

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Index:	318634	Ingress protection:	IP20
EAN:	5905963318634	Mounting version:	suspended
Light source:	LED	Net weight [kg]:	1.540
Rated power of the luminaire [W]:	50	Category type:	luminaires and linear systems
Nominal power [W]:	47	AC voltage range [V]:	220 - 240
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	109000
Luminous flux [lm]:	4450	LED lifespan L80B20 [h]:	69000
Luminous efficacy [lm/W]:	89	LED lifespan L90B10 [h]:	34000
Energy efficiency class:	F	Product line:	1140
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	3000	Impact resistance:	IK06
Color rendering index (Ra) >:	80	Warranty [years]:	5
SDCM:	3	CE certificate:	237/2023
Diffuser material:	PC	ENEC Certificate:	PL BB/J/003/2022/M1/A1
Diffuser type:	OPAL	PZH certificate:	B-BK-60212-0109/21
Diffuser colour:	white	Manual:	Download PDF
Material of the body:	aluminium	Environmental Product Declaration (EPD):	852/2025
Colour of the body:	white	Category of application:	office lighting
Dimensions (H/W/T/S) [mm]:	53/40/1140	Plik LDT:	Download
Mounting dimensions [mm]:	1029		

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: 237/2023



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