BARIS 40 LED Z 5900LM PRM I IP44 1140 MM 840 BLACK 50W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	454561
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	5900
Colour temperature [K]:	4000
Ingress protection:	IP44
Energy efficiency class:	D
Material of the body:	aluminium
Colour of the body:	black
Diffuser material:	PC
Diffuser type:	PRM

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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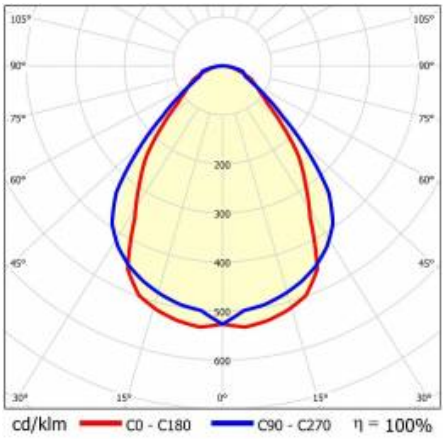
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	454561
EAN:	4545615905963
Light source:	LED
Rated power of the luminaire [W]:	50
Nominal power [W]:	47
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	5900
Luminous efficacy [lm/W]:	118
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
Diffuser material:	PC
Diffuser type:	PRM
Diffuser colour:	transparent
Material of the body:	aluminium
Colour of the body:	black

Dimensions (H/W/T/S) [mm]:	53/40/1140
Mounting dimensions [mm]:	1029
Ingress protection:	IP44
Mounting version:	suspended
Net weight [kg]:	1.480
Category type:	luminaires and linear systems
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	109000
LED lifespan L80B10 [h]:	69000
LED lifespan L90B10 [h]:	34000
Impact resistance:	IK06
Warranty [years]:	5
CE certificate:	237/2023
ENEC Certificate:	PL BBJ/004/2022/M1/A1
Manual:	Download PDF
Environmental Product Declaration (EPD):	852/2025
Category of application:	office lighting
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

LIGHT CURVES



Card creation date: 13 October 2026

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: 237/2023

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