BARIS 40 LED Z 2300LM PRM I IP44 1140 MM 840 BLACK 18W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	454103
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	2300
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

LENA LIGHTING
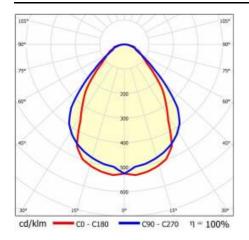
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TECHNICAL PARAMETERS TABLE

Index:	454103	**Dimensions (H/W/T/S) [mm]:**	53/40/1140
EAN:	4541035905963	**Ingress protection:**	IP44
Light source:	LED	**Mounting dimensions [mm]:**	1029
Rated power of the luminaire [W]:	18	**Mounting version:**	suspended
Colour temperature [K]:	4000	**Net weight [kg]:**	1.480
Luminous flux [lm]:	2300	**Category type:**	battens
Nominal power [W]:	16	**AC voltage range [V]:**	220 - 240
Diffuser type:	PRM	**LED lifespan L70B50 [h]:**	116000
Frequency [Hz]:	50 - 60	**LED lifespan L80B20 [h]:**	73000
Luminous efficacy [lm/W]:	128	**LED lifespan L90B10 [h]:**	35000
Energy efficiency class:	D	**Flicker index:**	0.060
Electrical protection class:	I	**Impact resistance:**	IK03
Colour rendering index:	>80	**CE certificate:**	237/2023
SDCM:	<3	**ENEC Certificate:**	PL BBJ/004/2022
Power factor:	0.92	**PZH certificate:**	B-BK-60212-0109/21
Diffuser material:	PC	**Warranty [years]:**	5
Diffuser colour:	transparent	**Manual:**	Download PDF
Colour of the body:	black	**Plik LDT:**	Download
Material of the body:	aluminium		

LIGHT CURVES

cd/klm — C0 - C180 — C90 - C270 η = 100%

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