

# BARIS 40 LED Z 2850LM PRM I CL. IP44 1140MM 840 18W WHITE

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	132964
<b>Rated power of the luminaire [W]*:</b>	18
<b>Luminous flux [lm]*:</b>	2850
<b>Colour temperature [K]:</b>	4000
<b>Ingress protection:</b>	IP44
<b>Energy efficiency class:</b>	B
<b>Colour of the body:</b>	white
<b>Diffuser material:</b>	PC
<b>Diffuser type:</b>	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

# BARIS 40 LED Z 2850LM PRM I CL. IP44 1140MM 840 18W WHITE

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	132964	Net weight [kg]:	1.480
EAN:	5905963132964	Category type:	luminaires and linear systems
Light source:	LED	LED lifespan L70B50 [h]:	150000
Rated power of the luminaire [W]:	18	LED lifespan L80B10 [h]:	100000
Frequency [Hz]:	50 - 60	LED lifespan L90B10 [h]:	50000
Luminous flux [lm]:	2850	Supply voltage [V]:	220-240
Luminous efficacy [lm/W]:	158	Impact resistance:	IK06
Energy efficiency class:	B	Working temperature [°C]:	35
Electrical protection class:	I	Warranty [years]:	5
Colour temperature [K]:	4000	CE certificate:	<a href="#">04/2026</a>
Color rendering index (Ra) >:	80	ENEC Certificate:	<a href="#">PL BBJ/004/2022/M1/A1</a>
SDCM:	3	PZH certificate:	<a href="#">B-BK-60212-0109/21</a>
Diffuser material:	PC	Manual:	<a href="#">Download PDF</a>
Diffuser type:	PRM	Environmental Product Declaration (EPD):	<a href="#">852/2025</a>
Colour of the body:	white	Category of application:	office lighting
Dimensions (H/W/T/S) [mm]:	53/40/1140	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Ingress protection:	IP44	Pliik LDT:	<a href="#">Download</a>
Mounting version:	suspended		

## LIGHT CURVES



Card creation date: 17 February 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr. 04/2026



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)