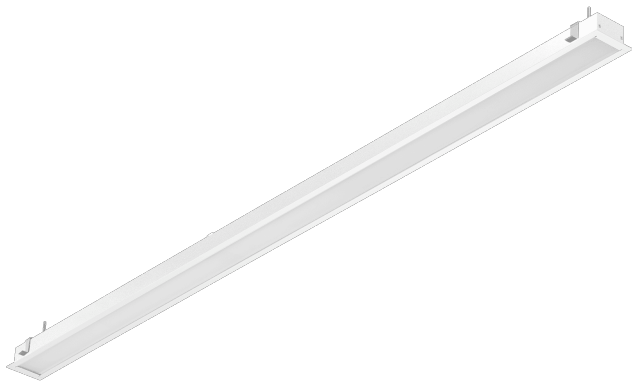


# BARIS 52 LED P GK 1145MM 1600LM 830 IP44/IP20 I CL. PLX WHITE 16W

DETAILED CARD



## TECHNICAL PARAMETERS

Ingress protection:	IP44/IP20
Rated power of the luminaire [W]*:	16
Luminous flux [lm]*:	1600
Colour temperature [K]:	3000
Energy efficiency class:	E
Material of the body:	aluminium
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL
Mounting version:	flush-mounted in plasterboard ceilings

## CHARACTERISTICS

Recessed lighting luminaire of classic proportions and modern design intended for installation in plaster-cardboard ceilings. Luminaire construction allows for installation in ceilings with two-level cross grid without breaching main (top) profiles. It is possible due to appropriately selected height of the lamp profile, reduced to 37mm and separate box for the power supply, which can be placed next to the luminaire. The luminaire is offered in four lengths with the possibility to combine into a line with a constant flux ratio from the meter (system available on request). Luminaire body is made of anodized aluminum profile in grey or aluminum profile painted white or black (other colors available on request). The optical system is in the form of a dedicated, flexible opal diffuser uniformly illuminating the luminaire, with a PRM prismatic diffuser or with a louver meeting the stringent requirements regarding glare UGR<19. The luminaire comes with a complete mounting system for a quick and easy installation in plasterboard ceilings.

## APPLICATION

The luminaire is dedicated for indoor use. It is applied as the source of the main light and conducive to office work requiring concentration of eyesight. Classic design, energy-saving LED modules and the possibility of cooperation with external lighting control systems in the DALI standard dedicate the lamp to be used in modern office buildings of the A+ class, with particular consideration of representative rooms, conference halls, passageways and everywhere, where a low glare and/or high IP44 sealing from below is required.

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## TECHNICAL PARAMETERS TABLE

Index:	927959	Diffuser type:	OPAL
EAN:	'5905963927959	Diffuser colour:	milky
Rated power of the luminaire [W]:	16	Material of the body:	aluminium
Luminous flux [lm]:	1600	Colour of the body:	white
Supply voltage [V]:	220 - 240	Dimensions (H/W/T/S) [mm]:	37/69/1145
Frequency [Hz]:	50-60	Ingress protection:	IP44/IP20
Luminous efficacy [lm/W]:	100	Mounting version:	flush-mounted in plasterboard ceilings
Energy efficiency class:	E	Net weight [kg]:	1.720
Electrical protection class:	I	Impact resistance:	IK03
Colour temperature [K]:	3000	Working temperature [°C]:	from -25 to +35
Color rendering index (Ra) >:	80	Warranty [years]:	5
SDCM:	3	CE certificate:	<a href="#">235/2023</a>
LED lifespan L70B50 [h]:	109 000	PZH certificate:	<a href="#">B-BK-60112-0357/2023</a>
LED lifespan L80B20 [h]:	69 000	Manual:	<a href="#">Download PDF</a>
LED lifespan L90B10 [h]:	34000	Environmental Product Declaration (EPD):	<a href="#">852/2025</a>
Exchangeable source:	yes	Category of application:	office lighting
Diffuser material:	PC	Plik LDT:	<a href="#">Download</a>

## 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: 235/2023