

# BARIS 52 LED P GK 1425MM 4100LM 830 IP44/IP20 I CL. PRM WHITE 42W

DETAILED CARD



## TECHNICAL PARAMETERS

Ingress protection:	IP44/IP20
Rated power of the luminaire [W]*:	42
Luminous flux [lm]*:	4100
Colour temperature [K]:	3000
Energy efficiency class:	E
Material of the body:	aluminium
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	PRM
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:	927935	Diffuser type:	PRM
EAN:	'5905963927935	Diffuser colour:	transparent
Rated power of the luminaire [W]:	42	Optics:	Microprism
Luminous flux [lm]:	4100	Material of the body:	aluminium
Supply voltage [V]:	220 - 240	Colour of the body:	white
Frequency [Hz]:	50-60	Dimensions (H/W/T/S) [mm]:	37/69/1425
Luminous efficacy [lm/W]:	97	Ingress protection:	IP44/IP20
Energy efficiency class:	E	Mounting version:	flush-mounted in plasterboard ceilings
Electrical protection class:	I	Net weight [kg]:	2.200
Colour temperature [K]:	3000	Impact resistance:	IK03
Colour rendering index:	80	Working temperature [°C]:	from -25 to +35
SDCM:	≤ 3	Warranty [years]:	5
LED lifespan L70B50 [h]:	109 000	CE certificate:	<a href="#">235/2023</a>
LED lifespan L80B20 [h]:	69 000	PZH certificate:	<a href="#">B-BK-60112-0357/2023</a>
LED lifespan L90B10 [h]:	34000	Manual:	<a href="#">Download PDF</a>
Exchangeable source:	yes	Plik LDT:	<a href="#">Download</a>
Diffuser material:	PC		

## LIGHT CURVES

