

BARIS 52 LED P SM 1795MM 5425LM 830 IP44/ IP20 I CL. PRM WHITE 45W

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44/IP20
Impact resistance:	IK03
Rated power of the luminaire [W]*:	45
Luminous flux [lm]*:	5425
Colour temperature [K]:	3000
Material of the body:	aluminium
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	PRM
Mounting version:	recessed

CHARACTERISTICS

A recessed luminaire with classic proportions and modern design, intended for installation in modular ceilings. The luminaire is available in three lengths: 595mm, 1195mm, 1795mm. The housing of the luminaire is made of an anodized aluminum profile in gray or an aluminum profile painted in white or black (other colors available on request). The optical system is in the form of a dedicated, flexible opal diffuser that evenly illuminates the luminaire, with a PRM prismatic diffuser. The luminaire is equipped with a complete mounting system enabling quick and easy installation in modular ceilings.

APPLICATION

The luminaire is dedicated to indoor use. It is applied as the source of the main light and is 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.

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TECHNICAL PARAMETERS TABLE

Index:	929274	Diffuser colour:	transparent
EAN:	95905963929274	Optics:	Microprism
Light source:	LED module	Material of the body:	aluminium
Nominal power [W]:	44	Colour of the body:	white
Rated power of the luminaire [W]:	45	Dimensions (H/W/T/S) [mm]:	1793/69/60
Luminous flux [lm]:	5425	Impact resistance:	IK03
Supply voltage [V]:	220 - 240	Ingress protection:	IP44/IP20
Frequency [Hz]:	50 - 60	Mounting version:	recessed
Luminous efficacy [lm/W]:	131	Working temperature [°C]:	from -25 to +35
Energy efficiency class:	D	Net weight [kg]:	2.600
Electrical protection class:	I	Category of application:	office lighting
Colour temperature [K]:	3000	Warranty [years]:	5
Color rendering index (Ra) >:	80	CE certificate:	38/2026
SDCM:	3	PZH certificate:	B-BK-60112-0357/2023
LED lifespan L70B50 [h]:	150000	Manual:	Download PDF
LED lifespan L80B10 [h]:	100000	Environmental Product Declaration (EPD):	852/2025
LED lifespan L90B10 [h]:	50000	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser material:	PC	Plik LDT:	Download
Diffuser type:	PRM		

LIGHT CURVES



Card creation date: 02 April 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: 38/2026



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