BARIS 52 LED P GK 1145MM 2400LM 840 IP44/IP20 I CL. PLX ANODE CO 18W

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44/IP20
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	2400
Colour temperature [K]:	4000
Energy efficiency class:	D
Colour of the body:	C0 anode
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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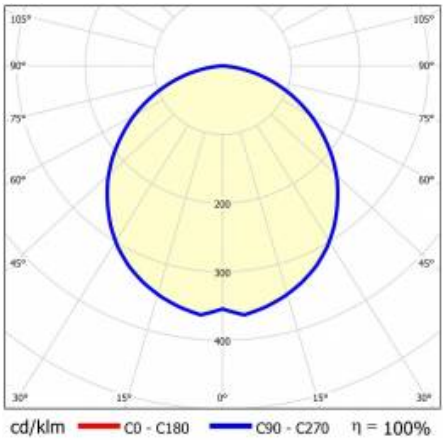
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	159480
EAN:	5905963159480
Rated power of the luminaire [W]:	18
Luminous flux [lm]:	2400
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	133
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	50000
Diffuser material:	PC

Diffuser type:	OPAL
Colour of the body:	C0 anode
Dimensions (H/W/T/S) [mm]:	37/69/1145
Ingress protection:	IP44/IP20
Mounting version:	flush-mounted in plasterboard ceilings
Net weight [kg]:	1.120
Impact resistance:	IK03
Working temperature [°C]:	from 0 to +35
Warranty [years]:	5
CE certificate:	35/2026
PZH certificate:	B-BK-60112-0357/2023
Manual:	Download PDF
Environmental Product Declaration (EPD):	852/2025
Category of application:	office lighting
ISO Certificates:	9001:2015. 14001:2015. 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES



Card creation date: 24 July 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 35/2026

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