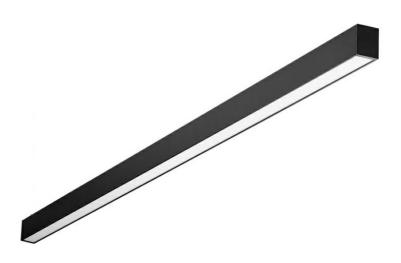
## BARIS 40 LED N 1600LM PRM I IP20 579 MM 830 BLACK 16W

**DETAILED CARD** 





## **TECHNICAL PARAMETERS**

353

Rated power of the luminaire [W]\*: 16

Luminous flux [lm]\*: 1600

Colour temperature [K]: 3000

Ingress protection: IP20

Energy efficiency class:

Material of the body: aluminium

Colour of the body: black

Diffuser material: PC

**Diffuser type:** 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 N 1600LM PRM I IP20 579 MM 830 BLACK 16W

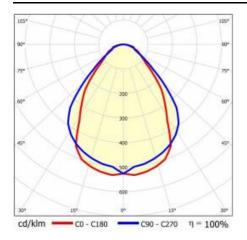
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:       455353         EAN:       4553535905963         Light source:       LED         Rated power of the luminaire [W]:       16         Nominal power [W]:       14         Frequency [Hz]:       50 - 60         Luminous flux [Im]:       1600         Luminous efficacy [Im/W]:       100         Energy efficiency class:       E         Electrical protection class:       I         Colour temperature [K]:       3000         Color rendering index (Ra) >:       80         SDCM:       3         Power factor:       0.97         Diffuser material:       PC         Diffuser type:       PRM         Diffuser colour:       transparent         Material of the body:       black		
Light source:  Rated power of the luminaire [W]:  Nominal power [W]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  SDCM:  Power factor:  Diffuser material:  Diffuser type:  PRM  Diffuser colour:  Material of the body:	Index:	455353
Rated power of the luminaire [W]:  Nominal power [W]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  SDCM:  Power factor:  Diffuser material:  Diffuser type:  PRM  Diffuser colour:  Material of the body:  14  14  16  10  10  10  Energy efficiency class:  E  8  8  9  9  10  10  10  10  10  10  10  10	EAN:	4553535905963
Nominal power [W]:         14           Frequency [Hz]:         50 - 60           Luminous flux [Im]:         1600           Luminous efficacy [Im/W]:         100           Energy efficiency class:         E           Electrical protection class:         I           Colour temperature [K]:         3000           Color rendering index (Ra) >:         80           SDCM:         3           Power factor:         0.97           Diffuser material:         PC           Diffuser type:         PRM           Diffuser colour:         transparent           Material of the body:         aluminium	Light source:	LED
Frequency [Hz]: 50 - 60  Luminous flux [Im]: 1600  Luminous efficacy [Im/W]: 100  Energy efficiency class: E  Electrical protection class: I  Colour temperature [K]: 3000  Color rendering index (Ra) >: 80  SDCM: 3  Power factor: 0.97  Diffuser material: PC  Diffuser type: PRM  Diffuser colour: transparent  Material of the body: aluminium	Rated power of the luminaire [W]:	16
Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  3000  Color rendering index (Ra) >:  80  SDCM:  3  Power factor:  0.97  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  transparent  Material of the body:	Nominal power [W]:	14
Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  80  SDCM:  Power factor:  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  Material of the body:	Frequency [Hz]:	50 - 60
Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  80  SDCM:  Power factor:  0.97  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  transparent  Material of the body:	Luminous flux [lm]:	1600
Electrical protection class:  Colour temperature [K]:  Color rendering index (Ra) >:  80  SDCM:  3  Power factor:  0.97  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  transparent  Material of the body:	Luminous efficacy [lm/W]:	100
Colour temperature [K]: 3000  Color rendering index (Ra) >: 80  SDCM: 3  Power factor: 0.97  Diffuser material: PC  Diffuser type: PRM  Diffuser colour: transparent  Material of the body: aluminium	Energy efficiency class:	E
Color rendering index (Ra) >: 80  SDCM: 3  Power factor: 0.97  Diffuser material: PC  Diffuser type: PRM  Diffuser colour: transparent  Material of the body: aluminium	Electrical protection class:	1
SDCM:  Power factor:  0.97  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  transparent  Material of the body:  aluminium	Colour temperature [K]:	3000
Power factor:  Diffuser material:  PC  Diffuser type:  PRM  Diffuser colour:  transparent  Material of the body:  aluminium	Color rendering index (Ra) >:	80
Diffuser material:  PC Diffuser type: PRM Diffuser colour: transparent Material of the body: aluminium	SDCM:	3
Diffuser type: PRM  Diffuser colour: transparent  Material of the body: aluminium	Power factor:	0.97
Diffuser colour: transparent  Material of the body: aluminium	Diffuser material:	PC
Material of the body: aluminium	Diffuser type:	PRM
	Diffuser colour:	transparent
Colour of the body: black	Material of the body:	aluminium
	Colour of the body:	black

Dimensions (H/W/T/S) [mm]:	53/40/579
Mounting dimensions [mm]:	510
Ingress protection:	IP20
Mounting version:	surface
Net weight [kg]:	0.630
Category type:	luminaires and linear systems
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	108500
LED lifespan L80B20 [h]:	68500
LED lifespan L90B10 [h]:	33000
Impact resistance:	IK06
Warranty [years]:	5
CE certificate:	236/2023
ENEC Certificate:	PL BBJ/003/2022
PZH certificate:	B-BK-60212-0109/21
Manual:	Download PDF
Environmental Product Declaration (EPD):	<u>852/2025</u>
Category of application:	office lighting
Plik LDT:	Download

### **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%



