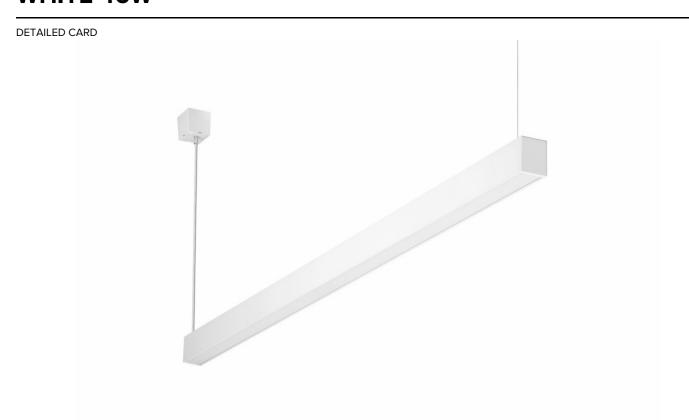
# BARIS 40 LED N 4800LM PRM DALI I IP20 1421 MM 830 WHITE 46W





# **TECHNICAL PARAMETERS**

**Index:** 455216

Rated power of the luminaire [W]\*: 46

Luminous flux [lm]\*: 4800

Colour temperature [K]: 3000

Ingress protection: IP20

Energy efficiency class:

Material of the body: aluminium

Colour of the body: white

**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 4800LM PRM DALI I IP20 1421 MM 830 WHITE 46W**

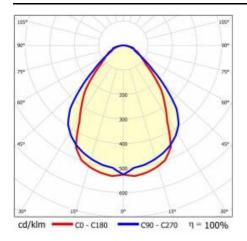
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index: 455216  EAN: 4552165905963  Light source: LED  Rated power of the luminaire [W]: 46  Colour temperature [K]: 3000  Luminous flux [Im]: 4800  Nominal power [W]: 42  Diffuser type: PRM  Frequency [Hz]: 50 - 60  Luminous efficacy [Im/W]: 104  Energy efficiency class: E  Electrical protection class: I  Colour rendering index: >80  SDCM: <3  Power factor: 0.96  Diffuser colour: transparent  Colour of the body: white  Material of the body: aluminium		
Light source:  Rated power of the luminaire [W]:  Colour temperature [K]:  Luminous flux [Im]:  Nominal power [W]:  Diffuser type:  PRM  Frequency [Hz]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  SDCM:  Power factor:  Diffuser definition of the body:  LED  46  46  And  And  And  And  And  And  And  An	Index:	455216
Rated power of the luminaire [W]:  Colour temperature [K]:  January 14800  Luminous flux [Im]:  Nominal power [W]:  Diffuser type:  PRM  Frequency [Hz]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  SDCM:  Power factor:  Diffuser material:  Diffuser colour:  Colour of the body:	EAN:	4552165905963
Colour temperature [K]:  Luminous flux [Im]:  Nominal power [W]:  Diffuser type:  PRM  Frequency [Hz]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  SDCM:  Power factor:  Diffuser material:  PC  Diffuser colour:  Colour of the body:  3000  4800  PRM  FRM  FRM  104  Energy efficiency class:  E  0.96  Diffuser material:  PC  Veransparent  White	Light source:	LED
Luminous flux [Im]:  Nominal power [W]:  Diffuser type:  PRM  Frequency [Hz]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  SDCM:  Power factor:  Diffuser material:  Diffuser colour:  Colour of the body:	Rated power of the luminaire [W]:	46
Nominal power [W]:  Diffuser type:  PRM  Frequency [Hz]:  50 - 60  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  SDCM:  Power factor:  Diffuser material:  Diffuser colour:  Colour of the body:  42  PRM  50 - 60  Luminous efficacy [Im/W]:  104  E  8  8  8  8  9  9  9  0  9  0  104  104  104  104	Colour temperature [K]:	3000
Diffuser type:  Frequency [Hz]:  50 - 60  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  >80  SDCM:  Power factor:  0.96  Diffuser material:  PC  Diffuser colour:  Colour of the body:  White	Luminous flux [lm]:	4800
Frequency [Hz]: 50 - 60  Luminous efficacy [Im/W]: 104  Energy efficiency class: E  Electrical protection class:    Colour rendering index: >80  SDCM: <3  Power factor: 0.96  Diffuser material: PC  Diffuser colour: transparent  Colour of the body: white	Nominal power [W]:	42
Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  >80  SDCM:  Power factor:  Diffuser material:  PC  Diffuser colour:  Colour of the body:	Diffuser type:	PRM
Energy efficiency class:  Electrical protection class:  Colour rendering index:  >80  SDCM:  Power factor:  0.96  Diffuser material:  PC  Diffuser colour:  Colour of the body:	Frequency [Hz]:	50 - 60
Electrical protection class:  Colour rendering index:  >80  SDCM:  Power factor:  Diffuser material:  PC  Diffuser colour:  Colour of the body:	Luminous efficacy [lm/W]:	104
Colour rendering index: >80  SDCM: <3  Power factor: 0.96  Diffuser material: PC  Diffuser colour: transparent  Colour of the body: white	Energy efficiency class:	E
SDCM: <3  Power factor: 0.96  Diffuser material: PC  Diffuser colour: transparent  Colour of the body: white	Electrical protection class:	1
Power factor: 0.96  Diffuser material: PC  Diffuser colour: transparent  Colour of the body: white	Colour rendering index:	>80
Diffuser material:  Diffuser colour:  Colour of the body:  PC  transparent  white	SDCM:	<3
Diffuser colour: transparent  Colour of the body: white	Power factor:	0.96
Colour of the body: white	Diffuser material:	PC
	Diffuser colour:	transparent
Material of the body: aluminium	Colour of the body:	white
	Material of the body:	aluminium

Dimensions (H/W/T/S) [mm]:	53/40/1421
Ingress protection:	IP20
Mounting dimensions [mm]:	1352
DIMM DALI:	yes
Mounting version:	surface
Net weight [kg]:	1.490
Category type:	battens
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	116000
LED lifespan L80B20 [h]:	73000
LED lifespan L90B10 [h]:	35000
Flicker index:	0.060
Impact resistance:	IK03
CE certificate:	236/2023
ENEC Certificate:	PL BBJ/003/2022
PZH certificate:	B-BK-60212-0109/21
Warranty [years]:	5
Manual:	Download PDF
Plik LDT:	Download

## **LIGHT CURVES**



Card creation date: 02 January 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%

