# BARIS 40 LED N 4800LM PLX DALI I KL. IP20 1140 MM 840 WHITE 50W

**DETAILED CARD** 





## **TECHNICAL PARAMETERS**

Index:	319341

Rated power of the luminaire [W]\*: 50

Luminous flux [lm]\*: 4800

Colour temperature [K]: 4000

Ingress protection: IP20

Energy efficiency class:

Material of the body: aluminium

Colour of the body: white

Diffuser material: PC

**Diffuser type:** OPAL

#### **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 PLX DALI I KL. IP20 1140 MM 840 WHITE 50W

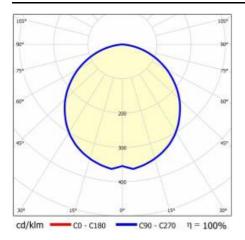
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:   319341     5905963319341		
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:  I  Colour temperature [K]:  Colour rendering index:  SDCM:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  Material of the body:  Colour of the body:  LED  47  47  47  4800  4800  E  E  E  E  E  E  E  Colour  4800  E  E  Colour  6  Colour  6  Colour  7  Colour  80  Colour  9  Colour  9  Colour  9  Aluminium  white	Index:	319341
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]:  Colour rendering index:  SDCM:  Diffuser material:  Diffuser type:  Diffuser colour:  Material of the body:  Colour of the body:  Monon  SDCM:  Array  Array  BO  BO  BO  BO  BO  BO  BO  BO  BO  B	EAN:	5905963319341
Nominal power [W]:         47           Frequency [Hz]:         50 - 60           Luminous flux [Im]:         4800           Luminous efficacy [Im/W]:         96           Energy efficiency class:         E           Electrical protection class:         I           Colour temperature [K]:         4000           Colour rendering index:         80           SDCM:         ≤ 3           Diffuser material:         PC           Diffuser type:         OPAL           Diffuser colour:         white           Material of the body:         aluminium           Colour of the body:         white	Light source:	LED
Frequency [Hz]: 50 - 60  Luminous flux [lm]: 4800  Luminous efficacy [lm/W]: 96  Energy efficiency class: E  Electrical protection class: I  Colour temperature [K]: 4000  Colour rendering index: 80  SDCM: ≤3  Diffuser material: PC  Diffuser type: OPAL  Diffuser colour: white  Material of the body: aluminium  Colour of the body: white	Rated power of the luminaire [W]:	50
Luminous flux [Im]: 4800   Luminous efficacy [Im/W]: 96   Energy efficiency class: E   Electrical protection class: I   Colour temperature [K]: 4000   Colour rendering index: 80   SDCM: ≤ 3   Diffuser material: PC   Diffuser type: OPAL   Diffuser colour: white   Material of the body: aluminium   Colour of the body: white	Nominal power [W]:	47
Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  SDCM:  SDCM:	Frequency [Hz]:	50 - 60
Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  SDCM:  ≤ 3  Diffuser material:  PC  Diffuser type:  OPAL  Diffuser colour:  Material of the body:  Colour of the body:  White	Luminous flux [Im]:	4800
Electrical protection class:  Colour temperature [K]:  Colour rendering index:  80  SDCM:  ≤ 3  Diffuser material:  PC  Diffuser type:  OPAL  Diffuser colour:  White  Material of the body:  Colour of the body:  White	Luminous efficacy [lm/W]:	96
Colour temperature [K]: 4000  Colour rendering index: 80  SDCM: ≤ 3  Diffuser material: PC  Diffuser type: OPAL  Diffuser colour: white  Material of the body: aluminium  Colour of the body: white	Energy efficiency class:	E
Colour rendering index:  SDCM:  ≤ 3  Diffuser material:  PC  Diffuser type:  OPAL  Diffuser colour:  White  Material of the body:  Colour of the body:  white	Electrical protection class:	1
SDCM: ≤ 3  Diffuser material: PC  Diffuser type: OPAL  Diffuser colour: white  Material of the body: aluminium  Colour of the body: white	Colour temperature [K]:	4000
Diffuser material:  Diffuser type: OPAL Diffuser colour: white Material of the body: Colour of the body: white	Colour rendering index:	80
Diffuser type:  Diffuser colour:  White  Material of the body:  Colour of the body:  white	SDCM:	≤3
Diffuser colour: white  Material of the body: aluminium  Colour of the body: white	Diffuser material:	PC
Material of the body:  Colour of the body:  white	Diffuser type:	OPAL
Colour of the body: white	Diffuser colour:	white
·	Material of the body:	aluminium
<b>Dimensions (H/W/T/S) [mm]:</b> 53/40/1140	Colour of the body:	white
	Dimensions (H/W/T/S) [mm]:	53/40/1140

Mounting dimensions [mm]:	1071
Ingress protection:	IP20
Mounting version:	surface
Net weight [kg]:	1.300
Category type:	luminaires and linear systems
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	109000
LED lifespan L80B20 [h]:	69000
LED lifespan L90B10 [h]:	34000
Product line:	1140
DIMM DALI:	yes
Impact resistance:	IK06
CE certificate:	236/2023
ENEC Certificate:	PL BBJ/003/2022/M1/A1
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%

