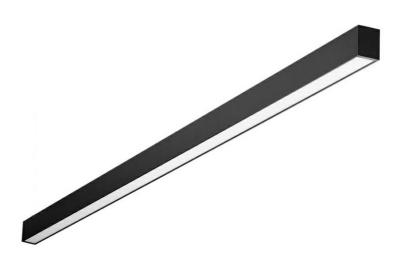
BARIS 40 LED N 4300LM PLX I KL. IP20 1421 MM 840 BLACK 46W

DETAILED CARD





TECHNICAL PARAMETERS

Index:	318474
Rated power of the luminaire [W]*:	46

Luminous flux [lm]*: 4300

Colour temperature [K]: 4000

Ingress protection: IP20

Energy efficiency class:

Material of the body: aluminium

Colour of the body: black

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 4300LM PLX I KL. IP20 1421 MM 840 BLACK 46W

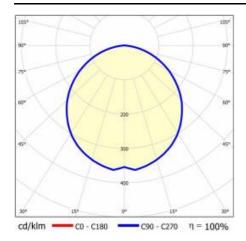
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 318474 EAN: 5905963318474 Light source: LED Rated power of the luminaire [W]: 46 Nominal power [W]: 42 Frequency [Hz]: 50 - 60 Luminous flux [Im]: 4300 Luminous efficacy [Im/W]: 93 Energy efficiency class: F Electrical protection class: I Colour temperature [K]: 4000 Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: aluminium Colour of the body: black Dimensions (H/W/T/S) [mm]: 53/40/1421		
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: Diffuser material: Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: Diffuser symmetrial black	Index:	318474
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: Diffuser material: Diffuser type: Diffuser colour: Material of the body: Colour of the body: Mono Colour demonstration index (Ra) >: Bo Colour demonstration index	EAN:	5905963318474
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: Diffuser material: Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: Missing part of the body: black	Light source:	LED
Frequency [Hz]: 50 - 60 Luminous flux [lm]: 4300 Luminous efficacy [lm/W]: 93 Energy efficiency class: F Electrical protection class: I Colour temperature [K]: 4000 Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: black	Rated power of the luminaire [W]:	46
Luminous flux [Im]: Luminous efficacy [Im/W]: 93 Energy efficiency class: Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: black	Nominal power [W]:	42
Luminous efficacy [lm/W]: Energy efficiency class: Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: black	Frequency [Hz]:	50 - 60
Energy efficiency class: Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: Diffuser material: Diffuser type: OPAL Diffuser colour: Material of the body: Colour of the body: black	Luminous flux [Im]:	4300
Electrical protection class: Colour temperature [K]: Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: black	Luminous efficacy [lm/W]:	93
Colour temperature [K]: 4000 Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: aluminium Colour of the body: black	Energy efficiency class:	F
Color rendering index (Ra) >: 80 SDCM: 3 Diffuser material: PC Diffuser type: OPAL Diffuser colour: white Material of the body: aluminium Colour of the body: black	Electrical protection class:	1
SDCM: Diffuser material: PC Diffuser type: OPAL Diffuser colour: White Material of the body: Colour of the body: black	Colour temperature [K]:	4000
Diffuser material: Diffuser type: OPAL Diffuser colour: white Material of the body: aluminium Colour of the body: black	Color rendering index (Ra) >:	80
Diffuser type: Diffuser colour: White Material of the body: Colour of the body: black	SDCM:	3
Diffuser colour: white Material of the body: aluminium Colour of the body: black	Diffuser material:	PC
Material of the body: Colour of the body: black	Diffuser type:	OPAL
Colour of the body: black	Diffuser colour:	white
·	Material of the body:	aluminium
Dimensions (H/W/T/S) [mm]: 53/40/1421	Colour of the body:	black
	Dimensions (H/W/T/S) [mm]:	53/40/1421

Mounting dimensions [mm]:	1352
Ingress protection:	IP20
Mounting version:	surface
Net weight [kg]:	1.310
Category type:	luminaires and linear systems
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	116000
LED lifespan L80B20 [h]:	73000
LED lifespan L90B10 [h]:	35000
Product line:	1421
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
Category of application:	office lighting
Plik LDT:	Download

LIGHT CURVES



Card creation date: 28 October 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%



