BARIS 40 LED Z 4700LM UGR I CL. IP20 1421 MM 830 BLACK 44W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	459818
Rated power of the luminaire [W]*:	44
Luminous flux [lm]*:	4700
Colour temperature [K]:	3000
Ingress protection:	IP20
UGR (4H8H):	17.5 - 19.5
Energy efficiency class:	E
Material of the body:	aluminium
Colour of the body:	black
Diffuser material:	PMMA

CHARACTERISTICS

Luminaires BARIS 40 LED UGR was created to provide maximum comfort and efficiency. A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes.
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). Optical system in the form of an opal cover. The luminaire is equipped with a unique suspension system that facilitates mounting and adjustment of the suspension length. All BARIS 40 LED suspended luminaires 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.

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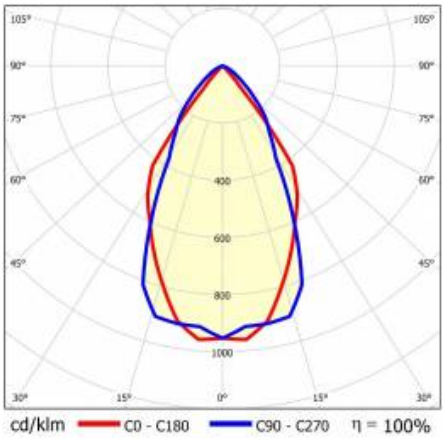
TECHNICAL PARAMETERS TABLE

Index:	459818	**Diffuser colour:**	transparent
EAN:	5905963459818	**Optics:**	raster UGR
Category of application:	office lighting	**Material of the body:**	aluminium
Rated power of the luminaire [W]:	44	**Colour of the body:**	black
Luminous flux [lm]:	4700	**Dimensions (H/W/T/S) [mm]:**	53/40/1421
Supply voltage [V]:	220 - 240	**Ingress protection:**	IP20
Frequency [Hz]:	50 - 60	**Impact resistance:**	IK03
Luminous efficacy [lm/W]:	108	**Mounting version:**	suspended
Energy efficiency class:	E	**Net weight [kg]:**	1.750
Electrical protection class:	I	**UGR (4H8H):**	17.5 - 19.5
Colour temperature [K]:	3000	**Working temperature [°C]:**	from 0 to +35
Color rendering index (Ra) >:	80	**Photobiological safety:**	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	3		
LED lifespan L70B50 [h]:	116000	**Warranty [years]:**	5
LED lifespan L80B10 [h]:	73000	**CE certificate:**	238/2023
LED lifespan L90B10 [h]:	35000	**ENEC Certificate:**	PL BBJ/003/2022/M1/A1
Diffuser material:	PMMA	**Environmental Product Declaration (EPD):**	852/2025
Diffuser type:	transparent	**Manual:**	Download PDF

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: 238/2023

LENA LIGHTING
Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl