

BARIS 40 LED Z 5100LM UGR DALI I CL. IP20 1421 MM 840 WHITE 44W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	459788
Rated power of the luminaire [W]*:	44
Luminous flux [lm]*:	5100
Colour temperature [K]:	4000
Ingress protection:	IP20
UGR (4H8H):	17.5-19.5
Energy efficiency class:	D
Material of the body:	aluminium
Colour of the body:	white
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.

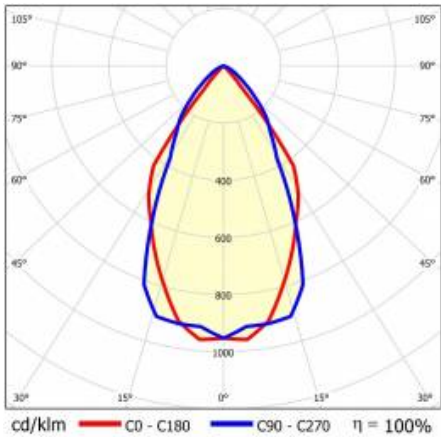
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TECHNICAL PARAMETERS TABLE

Index:	459788	Diffuser colour:	transparent
EAN:	5905963459788	Optics:	raster UGR
Category of application:	office lighting	Material of the body:	aluminium
Rated power of the luminaire [W]:	44	Colour of the body:	white
Luminous flux [lm]:	5100	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]:	117	Mounting version:	suspended
Energy efficiency class:	D	Net weight [kg]:	1.930
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	4000	UGR (4H8H):	17.5-19.5
Color rendering index (Ra) >:	80	Working temperature [°C]:	from 0 to +35
SDCM:	3	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 238/2023