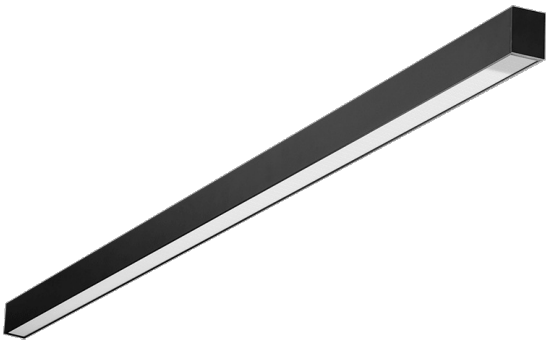
BARIS 40 LED N RCR 2850LM PRM I CL. IP20 1190MM 840 18W BLACK

DETAILED CARD



TECHNICAL PARAMETERS

Index:	162978
Ingress protection:	IP20
Impact resistance:	IK06
Rated power of the luminaire [W]*:	18
Luminous flux [lm]*:	2850
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	D
Colour of the body:	black

CHARACTERISTICS

The BARIS 40 LED RCR is a slim luminaire with a very narrow cross-section, designed for surface-mounted or suspended installation. The body, made from an aluminium profile, is available in a grey anodised finish or painted white or black. Other colours are available on request. A choice of opal or prismatic diffusers is available. The RCR motion sensor with the Corridor Standard function automatically controls the luminaire's operation. Upon detecting movement, it activates full lighting, taking into account the set ambient light level threshold. Once movement ceases, the luminaire maintains 100% output for a preset duration and then, depending on the settings, switches to a standby level of 10% or 30%. Adjustable settings include the detection area, daylight threshold, and hold and standby times. Reducing brightness during periods of inactivity helps to minimise energy consumption.
The suspension system facilitates installation and adjustment of the suspension height. Suspended versions are supplied with 1.2 m suspension cables and a recessed housing included in the set.

APPLICATION

The BARIS 40 LED RCR is designed for general interior lighting in areas with variable traffic levels. It is particularly suitable for corridors, passageways, stairwells and entrance areas. It is used in office blocks, hotels, residential buildings and public facilities, particularly in spaces used periodically.

BARIS 40 LED N RCR 2850LM PRM I CL. IP20 1190MM 840 18W BLACK

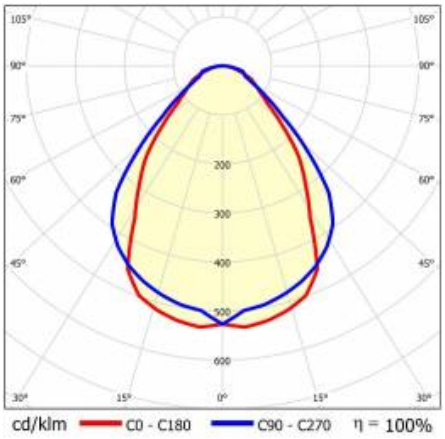
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	162978
Light source:	LED
Rated power of the luminaire [W]:	18
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [lm]:	2850
Luminous efficacy [lm/W]:	158
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	50000
Diffuser material:	PC

Diffuser type:	PRM
Colour of the body:	black
Dimensions (H/W/T/S) [mm]:	53/40/1190
Impact resistance:	IK06
Ingress protection:	IP20
Mounting version:	surface
Working temperature [°C]:	from 0 to +35
Motion sensor:	yes
Net weight [kg]:	1.220
Category type:	luminaires and linear systems
Warranty [years]:	5
CE certificate:	190/2026
Environmental Product Declaration (EPD):	852/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

LIGHT CURVES



Card creation date: 04 November 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: 190/2026

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