

RQ 100 LED PLUS P 590LM MAT II CL. IP44/20 830 (6W)

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP44/20
Rated power of the luminaire [W]*:	6
Luminous flux [lm]*:	590
Colour temperature [K]:	3000
Colour rendering index:	>80
Energy efficiency class:	E
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	MAT

CHARACTERISTICS

RQ 100 LED PLUS P is a new line of round luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

APPLICATION

Recessed-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

RQ 100 LED PLUS P 590LM MAT II CL. IP44/20 830 (6W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	6	Diffuser colour:	milky
Index:	572494	Material of the body:	ABS
EAN:	5905963572494	Colour of the body:	white
Colour temperature [K]:	3000	Dimensions (H/W/T/S) [mm]:	102/75
Luminous flux [lm]:	590	Impact resistance:	IK08
Supply voltage [V]:	220 - 240	Ingress protection:	IP44/20
Energy efficiency class:	E	Mounting version:	recessed
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -25 to +35
Luminous efficacy [lm/W]:	95	Net weight [kg]:	0.300
Electrical protection class:	II	CE certificate:	316/2023
Colour rendering index:	>80	Warranty [years]:	5
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.99	Manual:	Download PDF
Beam angle [°]:	105	LED lifespan L70B50 [h]:	132000
Diffuser material:	PC	LED lifespan L80B20 [h]:	84000
Diffuser type:	MAT	LED lifespan L90B10 [h]:	42000
		Plik LDT:	Download

Card creation date: 03 June 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%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 316/2023



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