

# LABO LED SMD PLX SM 48W 4000K 596X596 MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	259050
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	48
<b>Luminous flux [lm]*:</b>	4400
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	powder coated steel
<b>Diffuser material:</b>	PMMA

## CHARACTERISTICS

Fitting with high ingress protection class IP65, suitable for surface and flush mounting in modular ceilings. It is equipped with patented HE reflector which reduces the effect of glare. Available with prismatic or opal diffuser. Option with a color rendering index CRI (Ra)>90 available on request.

## APPLICATION

Luminaire intended for indoor use in medical and laboratory rooms as well as in industrial facilities (especially in food, pharmaceuticals, cosmetics), where you need high ingress protection class and the highest lighting parameters.

### **CRI(Ra) >90 (on request)**

CRI index (Ra) is a factor determining the degree of color rendering. The higher the value, the more natural the colors. Ra>90 means comfort for the eyes and greater ability to recognize colors and their shades. Fittings with such a high rate are used in rooms where high accuracy in color rendering is required (operating rooms, surgeries).

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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	48	Material of the body:	powder coated steel
Index:	259050	Colour of the body:	white
Colour temperature [K]:	4000	Impact resistance:	IK07
Light source:	LED module	Ingress protection:	IP65
Luminous flux [lm]:	4400	Mounting version:	recessed
Diffuser type:	OPAL	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	48	Net weight [kg]:	5.500
Supply voltage [V]:	220-240	Warranty [years]:	5
Frequency [Hz]:	50 - 60	EAN:	5905963259050
Dimensions (H/W/T/S) [mm]:	595/595/70	Category type:	louvres
Electrical protection class:	II	ETIM class:	EC002892
Luminous efficacy [lm/W]:	91	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Energy efficiency class:	F	CE certificate:	<a href="#">255/2023</a>
Colour rendering index:	>80	PZH certificate:	<a href="#">B-BK-60212-0111/21</a>
SDCM:	≤ 3	Warranty [years]:	5
LED lifespan L70B50 [h]:	50000	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PMMA	Plik LDT:	

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## ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)



Plasterboard recessing kit 630x630  
white (steel version) (999543)

Card creation date: 03 January 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: 255/2023