

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

DETAILED CARD



## TECHNICAL PARAMETERS

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

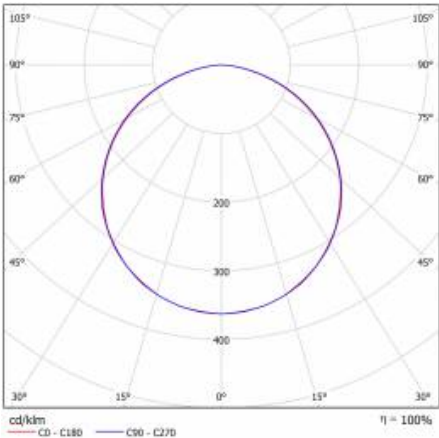
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## TECHNICAL PARAMETERS TABLE

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

## LIGHT CURVES



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

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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:19 March 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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 255/2023