

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
Color rendering index (Ra) >:	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).

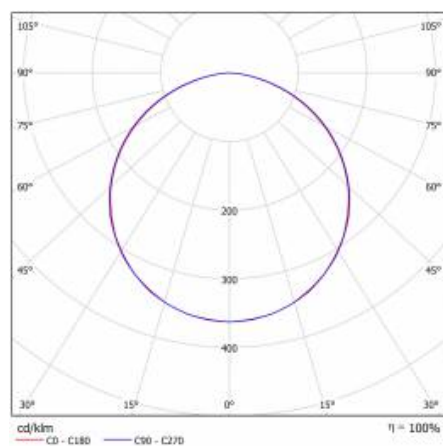
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TECHNICAL PARAMETERS TABLE

Index:	259050	Colour of the body:	white
EAN:	5905963259050	Dimensions (H/W/T/S) [mm]:	595/595/70
Light source:	LED module	Impact resistance:	IK07
Nominal power [W]:	48	Ingress protection:	IP65
Rated power of the luminaire [W]:	48	Mounting version:	recessed
Supply voltage [V]:	220-240	Working temperature [°C]:	from -20 to +35
Frequency [Hz]:	50 - 60	Net weight [kg]:	5.500
Luminous flux [lm]:	4400	Category type:	troffers
Luminous efficacy [lm/W]:	91	SDCM:	3
Energy efficiency class:	F	ETIM class:	EC002892
Electrical protection class:	II	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour temperature [K]:	4000	Warranty [years]:	5
Color rendering index (Ra) >:	80	CE certificate:	255/2023
LED lifespan L70B50 [h]:	50000	PZH certificate:	B-BK-60212-0111/21
Beam angle [°]:	120	Manual:	Download PDF
Diffuser material:	PMMA	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser type:	OPAL	Pliik LDT:	Download
Material of the body:	powder coated steel		

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635
WHITE (374845)

Card creation date: 11 May 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: 255/2023