

# LABO LED PAR SM 32W 4000K 596X596 MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	259005
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	32
<b>Luminous flux [lm]*:</b>	2850
<b>Color rendering index (Ra) &gt;:</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).

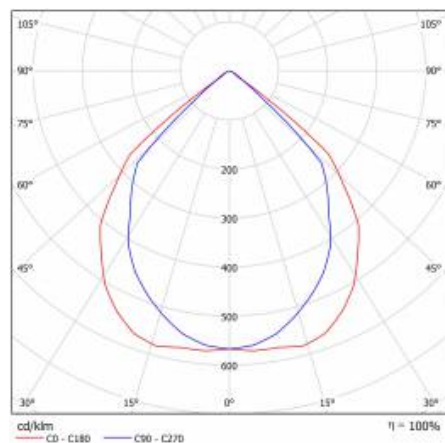
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	259005	<b>Material of the body:</b>	powder coated steel
<b>EAN:</b>	5905963259005	<b>Colour of the body:</b>	white
<b>Light source:</b>	LED module	<b>Dimensions (H/W/T/S) [mm]:</b>	595/595/50
<b>Nominal power [W]:</b>	32	<b>Impact resistance:</b>	IK07
<b>Rated power of the luminaire [W]:</b>	35	<b>Ingress protection:</b>	IP65
<b>Supply voltage [V]:</b>	220-240	<b>Mounting version:</b>	recessed
<b>Frequency [Hz]:</b>	50 - 60	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Luminous flux [lm]:</b>	2850	<b>Net weight [kg]:</b>	7.600
<b>Luminous efficacy [lm/W]:</b>	81	<b>Category type:</b>	troffers
<b>Energy efficiency class:</b>	F	<b>SDCM:</b>	3
<b>Electrical protection class:</b>	I	<b>ETIM class:</b>	EC002892
<b>Colour temperature [K]:</b>	4000	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Warranty [years]:</b>	5
<b>LED lifespan L70B50 [h]:</b>	50000	<b>CE certificate:</b>	<a href="#">255/2023</a>
<b>Beam angle [°]:</b>	120	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0111/21</a>
<b>Diffuser material:</b>	PMMA	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser type:</b>	transparent	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Optics:</b>	HE	<b>Plik LDT:</b>	<a href="#">Download</a>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635  
WHITE (374845)

Card creation date: 18 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