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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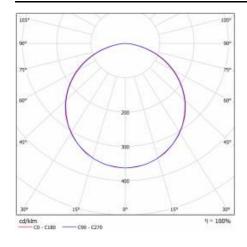
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Index: | 259050 |
|-----------------------------------|---------------------|
| Light source: | LED module |
| Nominal power [W]: | 48 |
| Rated power of the luminaire [W]: | 48 |
| Supply voltage [V]: | 220-240 |
| Frequency [Hz]: | 50 - 60 |
| Luminous flux [Im]: | 4400 |
| Luminous efficacy [lm/W]: | 91 |
| Energy efficiency class: | F |
| Electrical protection class: | II |
| Colour temperature [K]: | 4000 |
| Color rendering index (Ra) >: | 80 |
| SDCM: | 3 |
| LED lifespan L70B50 [h]: | 50000 |
| Diffuser material: | PMMA |
| Diffuser type: | OPAL |
| Material of the body: | powder coated steel |
| | |

| Colour of the body: | white |
|----------------------------|---|
| Dimensions (H/W/T/S) [mm]: | 595/595/70 |
| Impact resistance: | IK07 |
| Ingress protection: | IP65 |
| Mounting version: | recessed |
| Working temperature [°C]: | from -20 to +35 |
| Net weight [kg]: | 5.500 |
| Warranty [years]: | 5 |
| EAN: | 5905963259050 |
| Category type: | troffers |
| ETIM class: | EC002892 |
| Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| CE certificate: | <u>255/2023</u> |
| PZH certificate: | B-BK-60212-0111/21 |
| Warranty [years]: | 5 |
| Manual: | Download PDF |
| Plik LDT: | Download |

LIGHT CURVES



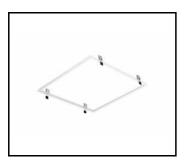


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DETAILED CARD

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





Certificate CE - Nr: 255/2023