

Industrial high bay projector

PREMIUM LUX 90LED RECESSED

PREMIUM LUX 90 LED RECESSED 6500K



About the product

The product Premium Lux LED is designed for general indoor lighting for rooms or protected spaces with medium height. That offers to the customers all the benefits of lighting with LEDs from a trusted manufacturer - quality light, longer lifetime and the decrease of power consumption and maintenance.

On the same time, that offers important advantages for the installation personnel, which does not need to open the luminaire.



EN 60598	RoHS	IP43		-20°C ÷ +35°C	103W LED
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Application

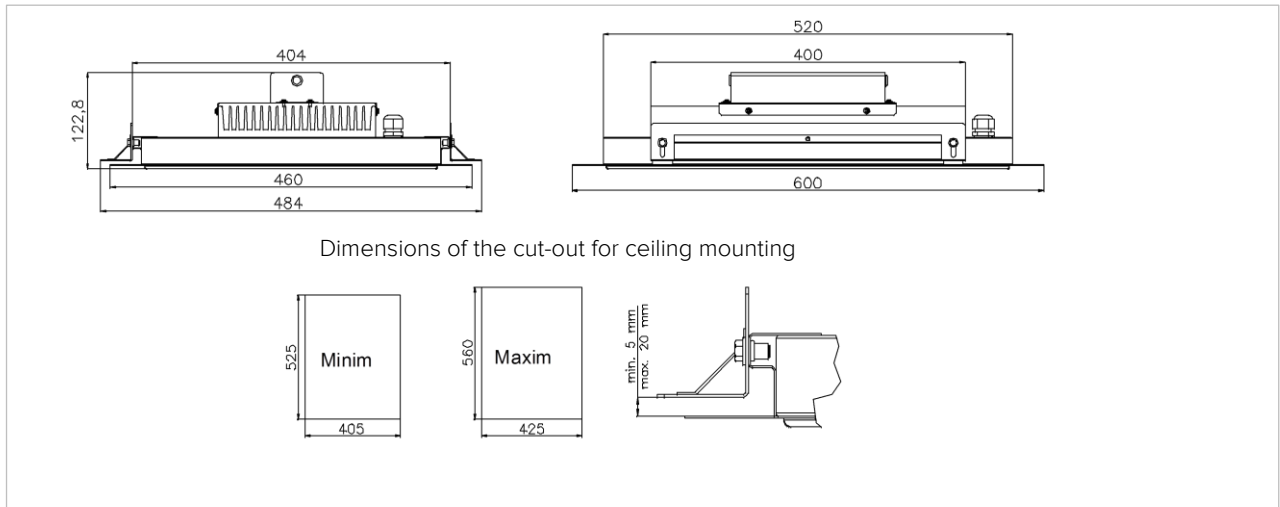
Indoor lighting for rooms or protected spaces with medium height (up to 6-8m): industrial plants, sport halls, commercial spaces, petrol stations, and so on.

Light sources

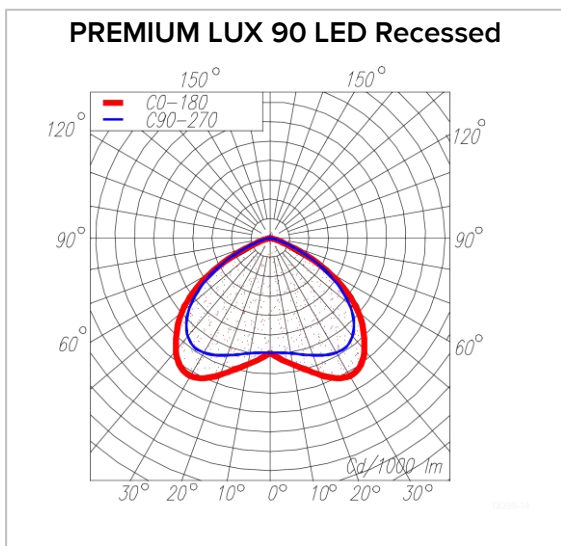
- Power LEDs: white with colour temperature cool-white 6500K, CRI ≥ 70 , which ensures a wide light distribution.
- On request the product could be equipped with LEDs with colour temperature neutral-white 3700-5000K or warm-white 2700-3700K.
- The use of LEDs ensures a long lifetime L70B50, of over 50.000 hours at $T_a=25^{\circ}\text{C}$, and a reduced power consumption.
- The LED system included in the product could replace or is equivalent with projectors with: high pressure metal halide lamps (HIE, HIT) 100W (variant 90 LED).

Advantages

High quality light. There are not necessary interventions for lamp replacements during exploitation.
Environment friendly.



Product type	L (mm)	m (mm)	l (mm)	n (mm)	H (mm)
PREMIUM LUX 90 LED RECESSED	600	525÷560	484	405÷425	123



Photometric data PREMIUM LUX 90 LED Recessed

Light distribution diagram [Cd/1000lm]

Description

It is a modern luminaire with LED module.

- The projector has a simple, robust construction and it is easy to install and maintain.
- The frame of the projector allows a fast and easy mounting in a large variety of false ceilings.
- The body of the projector is made of steel sheet, in welded construction, painted with powder.
- The construction of the projector stands out with the optical unit - mirrored aluminium sheet, LED modules, and with the gear unit (electrical gear (driver) included in the product and manufactured according to the specific standards.)
- Frame made of extruded anodised aluminium frame that holds the glass diffuser.
- Thermo-secured glass that protects the optical compartment.
- The product has a thermic management system made of passive aluminium cooler to ensure the long lifetime.
- Connection box.
- Gear (electronic driver) included in the product and manufactured according to the specific standards.
- Colour: white

Mounting

- Recessed in metal sheet false ceiling.

Technical features

- Rated voltage: 230V/50Hz.
- Surrounding temperature: $-20^{\circ}\text{C} \div +35^{\circ}\text{C}$
- Relative humidity: 80% at the temperature of $+20^{\circ}\text{C}$.
- Jolt resistance: 1000 ± 10 jolts, acceleration of 10g, duration of impulse: 16ms, according to SR EN 60068-2-29.
- The luminaire is manufactured according to requirements of the standards SR EN 60598-1, SR EN 60598-2-2.

Compliance with the European Directives

- Low Voltage Directive.
- Electromagnetic Compatibility Directive
- RoHS Directive, WEEE Directive

Product type	Product code	Rated voltage [V]	Rated power [W]	Power factor	Protection degree	Class of protection against electric shock	IK	Weight [Kg]	Total initial brut LEDs flux [lm]	Total luminous efficiency [lm/W]
PREMIUM LUX 90 LED \hat{I} (6500K)	35317016	230	103	0.97	IP43	I	IK07	12.7	9234	90

\hat{I} = Recessed mounting

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