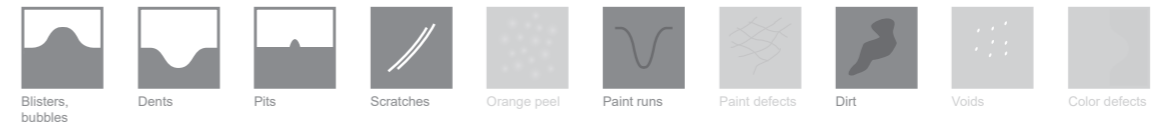


**LPS50 PM - LPS50 puremaxLED®**  
 POWERFUL IN LIGHT OUTPUT, ENERGY-EFFICIENT



LPS50 PM



The surface control optic LPS50 PM is used for surfaces with low to medium reflection and can be employed in all coating processes in the industry.

Suitable for the following areas, especially in the automotive sector: press plants, body shell areas, topcoat preparation and for cathodic dip painting/ filler grinding stations



**Features**

- Assembly** (According to the design version)
  - 4 x LED lamps (included)
  - 4 x 6,500 K (CRI>90)
- LED controller**
  - Electronic
  - DALI, DSI
- Optic**
  - 4 x centrally arranged patented prism panes with plano-convex lens and black fields
  - 4 x symmetrical reflector, reflector chambers separated with regards to light
- Housing**
  - Steel sheet
  - RAL7035 powder coated
- Front glass panel** (lockable door)
  - 6 mm one-panel safety glass according to EN 12150
  - Frameless design
- Opening**
  - 3 x quick-lock system
- Electrical connection**
  - Harting plug system with plug and bushing on the rear
  - Connection cable not included

**Technical specifications**

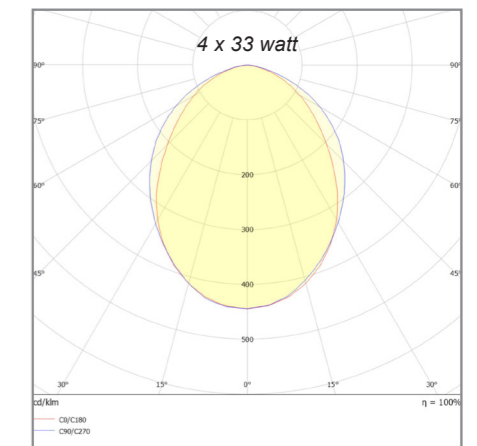
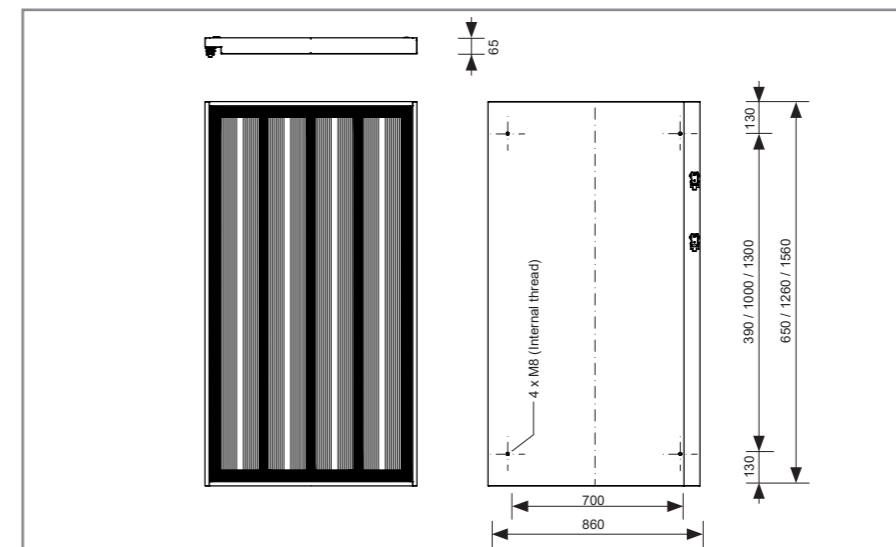
- Permitted ambient temperature: +5°C to +35°C
- Rated voltage: 220-240 V, 0/50/60 Hz
- Degree of protection: IP54
- Protection class: I
- UGR limit: ≤19
- Efficiency (net): approx. 127 lm/W

**Options**

- With installation frame, with mobile stand
- Additional lamp color temperatures
- Additional housing colors according to RAL
- Connection cables in various versions

**Quality criteria**

- Photobiological safety (EN 62471): Risk group 0
- PWIS-free
- CE label
- ENEC certification



Light distribution curve of LPS50 PM. This chart shows the light distribution curve of an LPS50 PM with 4 x 33 watt.

Exterior and mounting dimensions of the LPS50 PM. All data in mm.

Order number	Type code	Lamps	Energy consumption	Light output (net) in lm	Dimensions in mm (WxHxD)	Weight in kg
L701LD401	PM54SE	4 x 22 watt	approx. 96 watt	12,200	860 x 1560 x 65	approx. 45.0
L701LD402	PM54SO	4 x 33 watt	approx. 142 watt	18,000	860 x 1560 x 65	approx. 45.0
L701LD403	PM44SE	4 x 18 watt	approx. 78 watt	9,800	860 x 1260 x 65	approx. 38.0
L701LD404	PM44SO	4 x 26 watt	approx. 112 watt	14,100	860 x 1260 x 65	approx. 38.0
L701LD405	PM24SE	4 x 8 watt	approx. 43 watt	4,700	860 x 650 x 65	approx. 21.0
L701LD406	PM24SO	4 x 12 watt	approx. 59 watt	6,600	860 x 650 x 65	approx. 21.0

- Subject to changes -