

SERIE LMV • LANTERNHOUSES



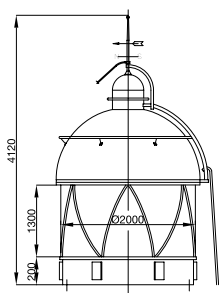
La Maquinista Valenciana is a leading manufacturer of classical lanternhouses, manufactured using skills developed over more than a hundred years.

Our company is proud of maintaining this tradition together with the introduction of new technologies. Lanterns combine robustness with excellent optical features, having performed exceptionally in severe marine conditions for many years.

Features

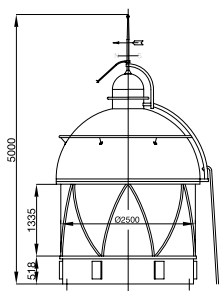
- Manufactured in two versions: hot-dip galvanized steel or AISI 304 stainless steel.
- High standards, in material and construction, for high reliability and long service life.
- The lanternhouse comprises a base ring, a transparent cylinder, a cupola and a ventilation dome.
- Base ring includes ventilation hatches.
- Spiral (non vertical) cylindrical astrigal frame to avoid any dark areas and provide greater toughness.
- Curved (cylindrical), heat tempered, high-homogeneity glass panes of 4-6 mm thickness are used to minimise losses due to refraction and reduce back reflection (these types of losses are normally associated with the use of flat and inclined glazings).
- Watertight seal made from synthetic putty of special composition.
- Standard semi-spherical opaque-type cupola (dome), with supports for ladder and access to the ventilation dome and lightning conductor.
- Optional, air and marine use lantern with semi-spherical transparent dome.
- Semi-spherical ventilation dome in stainless steel with non-corrodible filter gauzes to prevent insect, bird or airborne particle entry and allowing maximum air ventilation at the same time. The ventilation dome is very securely mounted on the cupola and supports lightning conductor, cardinal pointer and wind direction vane.
- Painted with marine paint in any colour required by the customer, white as standard.
- Fixing of the base ring to brick, stonework or reinforced concrete murette by special claws & bolts.

Technical specifications



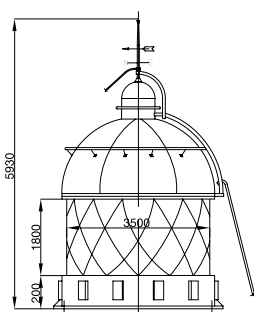
LMV2000 Lanternhouse:

- 2.0 m obstruction-free inner glazing diameter.
- 1.3 m glazing height.
- Normally manufactured and supplied assembled, ready for transport in a 20 feet container. Installation is done by means of a mobile crane or helicopter.
- Suited for modern installations at accesible sites.



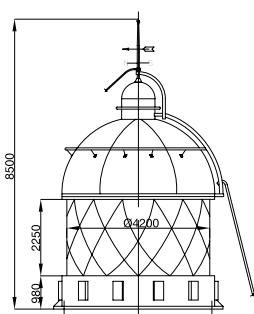
LMV2500 Lanternhouse:

- 2.5 m obstruction-free inner glazing diameter.
- 1.5 m glazing height.
- Supplied: pre-assembled. Installation is done by means of a mobile crane or helicopter.



LMV3500 Lanternhouse:

- 3.5 m obstruction-free inner glazing diameter.
- 1.8 m glazing height.
- Easy to transport and assemble without any mechanical device.
- Suited for installations at remote sites, to maintain old and big lighting equipments.



LMV4200 Lanternhouse:

- 4.2 m obstruction-free inner glazing diameter.
- 2.8 m glazing height.
- Easy to transport and assemble without any mechanical device.
- Suited for installations at remote sites, to maintain old and big lighting equipments.