

## LEM Lanternhouses

One of the most outstanding Mediterraneo's specialities is the design of lanternhouses for historic lighthouse applications.

LEM lanternhouses are manufactured with the best materials in the market, in order to withstand marine weather inclemencies for years.

Our LEM are cylindrical and with semi-spherical dome. Its cylindrical structure provides two key advantages over other manufacturers' lanterns: It has helicoidal uprights to avoid dark areas and give sturdiness, and curved-glass panes to minimise refraction losses and reduce back reflections.

Every lanternhouse design can be custom made.

### F E A T U R E S

- Maximum quality in materials to achieve the longest life service.
- Made up of: base, cylindrical structure, top ring, cupola and ventilation cap.
- Base built to measure, according to requested height and specifications. Fixing by special anchor bolts to the murette built from concrete, stone or tiles.
- Cylindrical structure with helicoidal uprights to avoid dark areas and provide higher sturdiness.
- High-homogeneity curved-glass panes, heat-tempered, to minimise refraction losses and reduce back reflections.
- Sealed with special UV-resistant putty and sealant.
- Semi-spherical metallic cupola, with brackets to fit ladder accessing to lantern top.
- Top ring contains the gutter to collect rain water and protect glass panes.
- Semi-spherical ventilation cap, with special filters to prevent insect or particle incoming. Maximum aeration.
- Lightning mast, weather cock and cardinal pointer are fixed on the ventilation cap.

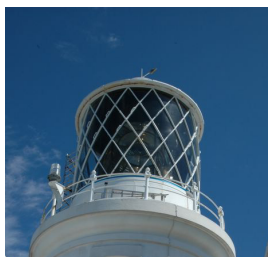
### Materials

- Hot-dip galvanized steel or stainless steel.
- Glass type FLOAT 6mm.
- UV polyurethane putty and sealant.
- Marine-quality paint, RAL IALA-AISM.



### Options

- Diaphanous semi-spherical cupola.
- AISI 304 or AISI 316 stainless steel.
- Any custom-made design.



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Standard Specifications	LEM 200	LEM 250	LEM 300	LEM 350
<b>Inside diameter(*)</b>	2.00 m	2.50 m	3.00 m	3.50 m
<b>Glazing height</b>	1.30 m	1.50 m	1.60 m	1.80 m
<b>Transport</b>	Assembled 20' container	Disassembled 20' container	Disassembled 20' container	Disassembled 20' container
<b>Installation</b>	Mobile crane or helicopter	Mobile crane or helicopter	Mechanical device not needed	Mechanical device not needed

(\*) For other diameters, kindly consult us.



**MEDITERRÁNEO SEÑALES MARÍTIMAS, S.L.L.**

Políg. Ind. Mas de Tous, calle Belgrado, nave 6 • 46185 La Pobla de Vallbona (Valencia) SPAIN

Tel.: +34 96 276 10 22 • Fax: +34 96 276 15 98 • VAT No.: ESB-97686158

[mesemar@mesemar.com](mailto:mesemar@mesemar.com) • [www.mesemar.com](http://www.mesemar.com)

