



OPTIONAL

MLP2000-3

LED technology

The MLP2000-3 Port Traffic Light is a signalling system consisting of optical elements with high-intensity LED diodes arranged in different vertical sections, so that it is possible to obtain the colour combinations corresponding to port traffic signals.

Compact design

Thanks to its compact design, all elements of a port traffic light can be housed in a single equipment. Its great horizontal divergence allows a perfect light conspicuity from any location. Manufactured with high-quality and resistant materials, the MLP2000-3 provides a long service life under severe marine conditions.

Configured according to customer specifications

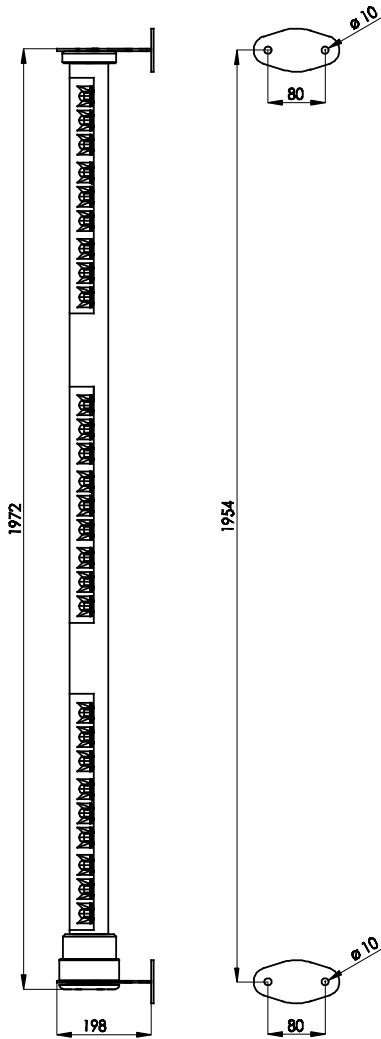
This system complies with IALA Recommendations and is configured according to customer specifications, depending on the needs related to its location.



FEATURES

- *State-of-the-art LED technology.*
- *Highly visible on bridges and harbour structures.*
- *Multiple combinations available.*
- *High-efficiency luminous system and minimum consumption. Up to 12 nm (T=0.74), 17 nm (T=0.85).*
- *Vertical divergence up to 5° (50%I₀).*
- *Horizontal divergence up to 120° (50%I₀).*
- *Average operation lifetime over 10 years.*
- *IP 67 watertightness degree (immersion resistant).*
- *Anti-humidity device to avoid condensation.*
- *Double RS-232 serial port for setting adjustments by PC and remote monitoring system.*
- *Anodised marine-aluminium housing and acrylic lens cover.*
- *PATENTED OPTICAL SYSTEM.*

MLP2000-3



Optical system (2m height)

Light source:	Ultra-bright LED diodes, with high precision acrylic lens.
Luminous range:	Up to 12 nm (T=0.74) 17 nm (T=0.85).
Power supply:	Up to 27 W, adjustable.
Vertical divergence:	Up to 5° (50% I ₀).
Horizontal divergence:	Up to 120° (50% I ₀).

External electronic control unit

Operation:	Manual or remote.
Luminous attenuation:	Adjustable between 10 and 400 lux.
Reverse-polarity, short-circuit and transient over-voltage protections.	




Materials and environment

Housing:	Anodised marine aluminium.
Lens:	Acrylic, UV stabilised.
Lens cover	Acrylic.
Watertightness degree:	IP 67.
Humidity resistance:	100%. Pressure-compensation valve to avoid condensation.
Temperature range:	From -30° to 70°C.
Fixings:	Wall-mounted, 4 nos. M10 bolts.

Options

- Other heights and powers available.
- Custom-made sectorising.
- Synchronization by cable or GPS module.
- Remote monitoring module via GSM, radio or satellite.
- RS-485 MODBUS serial port.
- Pole mounting.

Peak intensities (Cd)

Colour	27 W
	3,270
	2,950
	2,200

! Specifications subject to change without previous notice.