

TOWERS

ALT 10

CHARACTERISTICS AND ADVANTAGES

Strength	Calculated to withstand 200 km/h winds
Resistance to corrosion	Hot dip galvanised in accordance with ISO1460 and painted to C5-M
Paint	Customised scheme according to the customer requirements
Lantern	Designed to operate with lanterns from any manufacturer
Colours	In accordance with IALA E108 recommendations
Quality	According to ISO 9001, ISO 14001 standards

APPLICATIONS

- Lighthouses and coastal beaconing
- Main beacons at commercial ports
- Beacons exposed to bad weather





FEATURES

Height	Up to 20 m
Lantern supporting bracket	Designed to customer requirements
Anchor bolts	Tailored anchor bolts according to the application
Service life	Galvanised steel: 25 years Stainless steel: 50 years

CONSTRUCTION & QUALITY

Structure	Constructed from steel sheet rolled to a cylinder or cone. Intermediate diameter 1050 mm, base 2100 mm and upper part 2100 mm. Thickness according to loads, heights and local conditions
Material	Hot dip galvanised steel according to 1460:2010 ISO
Screws	A2 stainless steel
Paint	Visible metal components are painted to C5-M according to ISO 12944 for marine environments, using an epoxy primer scheme and aliphatic polyurethane top coat
Standards	Eurocodes 1 and 3
Colours	According to IALA E-108
Manufacturer certificate	ISO 9001:2015, ISO14001:2015, IALA industrial member
Ladder	Internal ladder with lifeline
Recycling	The components are easily recycled with a direct re-use rate nearing 100%
Door	Vertical double door hinge of 1300 x 650 mm with sealing joint
Platform	1800 mm floor diameter with gradient to the outside and outward discharging drains. Internal hatch and handrail

OPTIONS

Material	Stainless steel
Solar panel	Solar panel support bracket located at the top of the beacon
Storage	Supports in the base to store batteries, boxes, etc.