

TOWERS

ALT 7

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, stainless steel option
Paint	Customised scheme according to 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
Safety	• Maintenance platform with man hatch accessible via internal ladder • Door on ground manufactured from steel with dual padlock

APPLICATIONS

- Coastal beaconing
- Harbour entrance
- Commercial ports
- Beacons exposed to waves





FEATURES

Height	Up to 45 m
Lantern 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 using sheet steel and folded to a polygon with 20 sides. Diameter and plate thickness to suit application
Material	S275JR 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	Internal work platform has the same diameter as the top section of the tower and is accessed via a hatch

OPTIONS

Material	Stainless steel
Modular	Segmented tower in sections to limit the weight
External platform	Rectangular 2 x 2 m or circular platform with a diameter of 3 m
Solar panel	Solar panel support bracket located at the top of the beacon
Storage	Supports in the base to store batteries, boxes, etc.

