

# TOWERS

## ALT 7

### CHARACTERISTICS AND ADVANTAGES

<b>Strength</b>	Calculated to withstand 200 km/h winds
<b>Resistance to corrosion</b>	Hot dip galvanised in accordance with ISO1460 and painted to C5-M, stainless steel option
<b>Paint</b>	Customised scheme according to customer requirements
<b>Lantern</b>	Designed to operate with lanterns from any manufacturer
<b>Colours</b>	In accordance with IALA E108 recommendations
<b>Quality</b>	According to ISO 9001, ISO 14001 standards
<b>Safety</b>	<ul style="list-style-type: none"> <li>Maintenance platform with man hatch accessible via internal ladder</li> <li>Door on ground manufactured from steel with dual padlock</li> </ul>

### APPLICATIONS

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



### FEATURES

<b>Height</b>	Up to 45 m
<b>Lantern bracket</b>	Designed to customer requirements
<b>Anchor bolts</b>	Tailored anchor bolts according to the application
<b>Service life</b>	Galvanised steel: 25 years Stainless steel: 50 years

### CONSTRUCTION & QUALITY

<b>Structure</b>	Constructed using sheet steel and folded to a polygon with 20 sides. Diameter and plate thickness to suit application
<b>Material</b>	S275JR hot dip galvanised steel according to 1460:2010 ISO
<b>Screws</b>	A2 stainless steel
<b>Paint</b>	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
<b>Standards</b>	Eurocodes 1 and 3
<b>Colours</b>	According to IALA E-108
<b>Manufacturer certificate</b>	ISO 9001:2015, ISO14001:2015, IALA industrial member
<b>Ladder</b>	Internal ladder with lifeline
<b>Recycling</b>	The components are easily recycled with a direct re-use rate nearing 100%
<b>Door</b>	Vertical double door hinge of 1300 x 650 mm with sealing joint
<b>Platform</b>	Internal work platform has the same diameter as the top section of the tower and is accessed via a hatch

### OPTIONS

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

