



The SR-166 Speckter radar reflector

## Radar Reflectors



To enhance the radar signature of seamarks, buoys and lightfloats, most authorities fit them with radar reflectors. A wide range of radar reflectors are available to suit every application.

### FEATURES

- ◇ Lightweight, rugged construction.
- ◇ Easy to install.
- ◇ No maintenance.
- ◇ Compact high efficiency design.

#### Octahedral reflector RO45

Based on a well tried traditional design, the RO45 octahedral radar reflector can be mounted on buoys and beacon installations.

#### Speckter reflector SR-164/SR-166

New improved retro-directive reflectors which combine compactness with high efficiency, designed for mounting on the buoy superstructure below the lantern.

#### Spiral cube reflector RBS-13.5/20

A high efficiency radar reflector with 20 cube reflectors arranged spirally to give a steady echo to the horizon. It is extremely light and attached to the buoy by a lug at each end.

### SPECIFICATIONS

	SR-164	SR-166	RO 45	RBS-13.5/20
Type:	Speckter	Speckter	Octahedral	Spiral Cube
Coverage:	360°	360°	360°	360°
No. of segments:	6	6	6	20
Echoing area: (radar cross section)	35 m <sup>2</sup>	170 m <sup>2</sup>	45 m <sup>2</sup>	3 m <sup>2</sup>
Construction:				
Segments:	Aluminium	Aluminium	Mild steel	Aluminium
Support:	Mild steel	Mild steel	Mild steel	Aluminium
Protection:	Epoxy paint and galvanising	Epoxy paint and galvanising	Zinc spray galvanising	PVC coated

Max weight of lantern supported:	100kg	100kg	50kg	-
Weight:	20kg	30kg	16.3kg	0.7kg
Diameter:	400mm	600mm	580mm	145mm
Overall height:	500mm	715mm	370mm	685mm
Fixing:	Six 16mm studs on 250mm PCD	Six 16mm studs on 350mm PCD	Four 18mm holes on 340mm PCD	Lug at each end with 14mm hole