

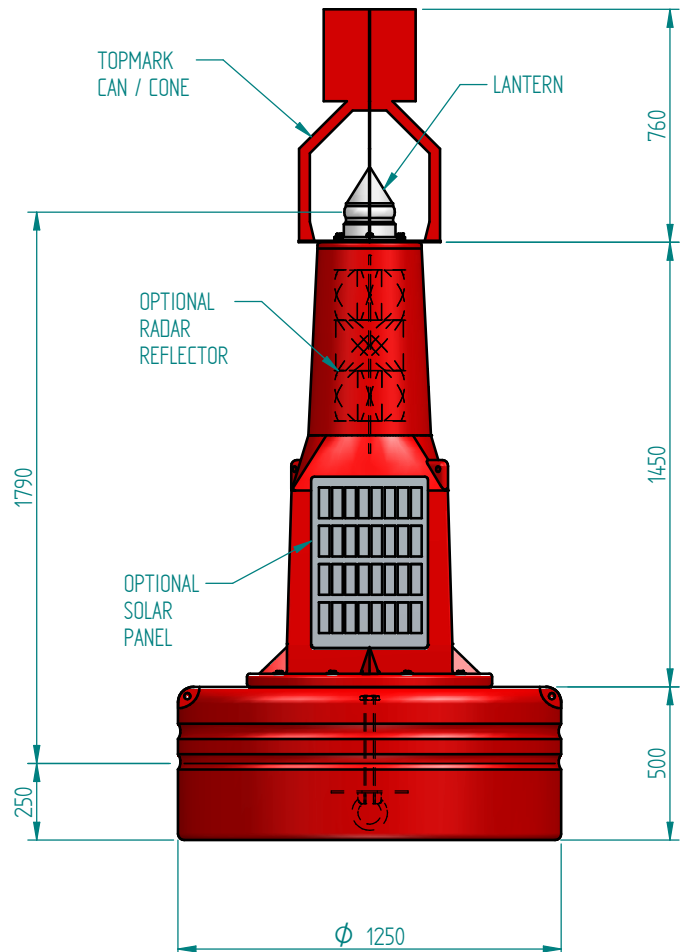
EM 1250 Polyethylene Skirted Navigation Buoy

Developed in 1986 Corilla's innovative, rotationally moulded plastic navigation buoys make their steel predecessors obsolete. Suited to ports and harbours, as well as rivers and waterways, their design ensures a durable and lightweight alternative. Corilla's buoys can remain afloat indefinitely as any maintenance can be conducted at sea.

Key Dimensions

Diameter mm	1250
Overall height mm (excluding top mark)	1940
Overall weight Kgs LIT with charging system	120
Overall weight Kgs UNLIT	96
Focal Plane (FP) in mm (typical)	1790
Maximum mooring weight Kgs	220
Minimum mooring weight Kgs	120
Waterline above datum mm (typical)	250
Chain size mm (typical)	16/19
Sinker weight in water Kgs (typical)	500

Typical chain length 2 to 3 times depth in most circumstances



Mooring Steelwork

Designed for long life and manufactured from grade 40 mild steel, M36 threaded rod, with top and bottom sandwiched plates with M36 bow nut welded to bottom plate and threaded rod. Hot dipped after manufacture to BSE ISO 1461-1999.

Float Collars

One piece rotationally moulded, specially formulated extra high UV stabilised polyethylene. Foam filled with marine grade safety approved foam. Complete with two moulded lifting eyes.

Service Exchange Tower (SET)

Rotationally moulded specially formulated extra high UV stabilised polyethylene.

SET Optional Extras

Charging system: One x 60A/h or 100A/h gel battery, up to four solar panels, one regulator housed in IP67 rated box secured to battery mounting plate. Plugs are all Bulgin Buccaneer 400 mini series IP67 rated.

Top Mark

Can or cone powder coated to match buoy, complete with lantern support bracket manufactured in marine grade aluminium.

Lantern

Any suitable preferred manufacturer compatible lantern can be fitted.

Radar Reflector

Echomax Midi giving a peak RCS of up to 16m² reflection. Echomax 230 giving a peak RCS of up to 24m² reflection. Both are secured in the SET.

Moorings

To achieve the best results for stability and self righting the buoy must have a minimum of 120Kgs of mooring chain weight suspended below the buoy. Four point mooring also available with in-built ballast weight. Galvanised to BS EN ISO 1461-1999.

Navigation Buoy Depth Guide

0 - 10Mtrs



Contact

Email: sales@corillamarine.com

Phone: +44 (0)1246 575646

www.corillamarine.com

Victoria St, Pontycymer, Bridgend,
Mid Glamorgan, CF32 8LR, United Kingdom

