

### DESCRIPTION

The MODUBEL is a tough retro-fit version of the MODUPOST Belisha beacon assembly suitable for replacing existing Belisha beacons on standard tubular beacon posts. All amber beacons have long life LED lighting units driven at 24volts ac for significantly reduced maintenance and improved safety.

The MIDUBEL is a unique pedestrian crossing beacon suitable for fitting to a standard 76mm post. It has an innovative fixing system that allows the post to pass through the centre of the beacon making it ideal where additional equipment is mounted on the post above the beacon. With full 360° illumination, unsightly bracketry and vulnerable multiple beacon installations are a thing of the past.



### PACKAGING DETAILS

Product	Weight	Packing	Dimensions
Midubel	4.5kg	Carton, polyethylene bag	356x356x356
Modubel	3kg	Carton, polyethylene bag	356x356x356

### MODUBEL ASSEMBLY

#### Gallery

Die Cast LM6-M aluminium, acid cleaned, chromate primed and polyester powder coated black (150µm min), incorporating stainless steel globe retention pillar and pre-fitted stainless steel shroud fixing points. Pre wired with 4 meters of supply cable and IP56 transformer connector. High performance gasket at beacon interface. All threads stainless steel bushed.

#### Globe

335mm diameter, self coloured, rotationally moulded, UV stabilised low density polyethylene, 2.5mm minimum wall thickness. Stainless steel Tri-head fixing and load

#### Lighting Unit

3mm Aluminium gear tray polyester powder coated white. Illumination provided by 12 x 1 watt power LEDs wired in two stings of 6. Light unit incorporates constant current driver and mains synchronised flasher control. Alternate cable synchronisation port provided. Globe illumination > 300cd/m².

#### Transformer

230Vac primary, 24Vac secondary @ 2 amps. Fully potted with a vacuum impregnated core, featuring short circuit and thermal protection. Supplied complete with pre wired IP56 connector for connection to supplied drop lead and fixing screws. Dimensions: 90x60x70mm high.

#### Shroud

3mm Black polycarbonate and stainless steel fittings.

#### IP Integrity

IP54.

### MIDUBEL ASSEMBLY

#### Globe

Two piece rotationally moulded, high impact polyethylene 335mm diameter with a vertical split line.

#### Brackets

**76mm** - Cast LM6M marine grade aluminium with cast in stainless steel inserts. Primed and finished polyester powder coated black. All fasteners stainless steel.

**89/114mm** - Fabricated 4mm stainless steel, primed and finished polyester powder coated black. All fasteners stainless steel.

#### Light Unit

2mm aluminium polyester powder coated white.

#### Lighting

24Vac, each beacon half independently illuminated using high power LED's with integral driver and mains synchronised flasher control. Wired with 4 metres of cable and IP56 connector.

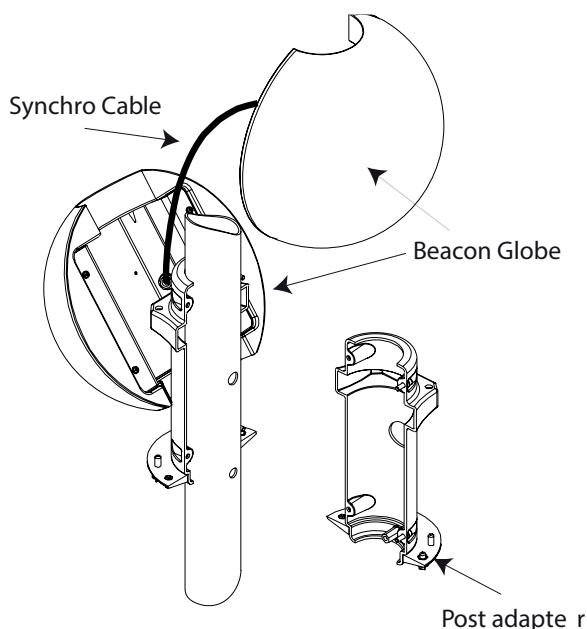
#### IP rating

IP56.

#### Transformer

230Vac primary, 24Vac secondary @ 2 amps. Fully potted with a vacuum impregnated core, featuring short circuit and thermal protection. Supplied complete with pre wired IP56 connector for connection to supplied drop lead and fixing screws. Dimensions: 90x60x70mm high.

### Midubel



Order Codes :

76mm fixing : MODU/MPBEL/076

89mm fixing : MODU/MPBEL/089

### Modubel

