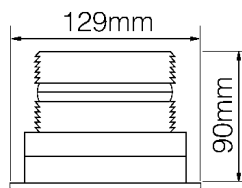


Installation Guide: Endurance Heavy Duty Low Profile Beacons

Beacon range

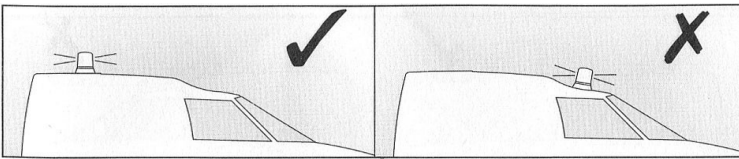
This type of beacon is available in both single flash xenon strobe and high power LED. Please ensure that you read the correct information prior to installation.

This datasheet covers the following part numbers;
BE.HDLTXA.DV, BE.HDLTLA.12V and BE.HDLTLA.24V.



Mounting the beacon

The beacon should be fitted to the vehicle roof and the base should be parallel to the ground as shown below.



For further information on mounting your beacon, please refer to the table on the right.

Connecting the beacon cable

Always ensure that you connect the BLACK ground wire first to a suitable ground and then go on to connect the positive power cable via a suitable fuse. The fuse ratings within the cable key are based on a single beacon.

Ensure that you increase the amperage rating of the fuse if fitting a multiple quantity of beacons.

Cable key

The LED beacons are dual-voltage (10-30v) and therefore there is only one cable key for both 12v and 24v applications. The positive voltage is referred to as +VDC within the table below. For the xenon strobe beacons, please replace +VDC with +12V or +24V as appropriate.

Colour	Function	Connect to	Fuse
Red	Power	+VDC	10A
Black	Power	Ground	-



WARNING

Ensure that only suitably trained personnel attempt to install this device or devices. Failure to install the device properly could result in damage to the vehicle, injury or even death.



AIR BAGS

Many vehicles are now fitted with side and curtain air bags. Ensure that you do not drill and avoid accidentally triggering the devices during fitting.



WARNING: ROOF SUPPORTS

There will be a roof support member(s) that spans the distance between the driver's side and the passenger's side. Do not drill through the member. Ensure that you adjust the cable route.



WARNING

Customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and fused at the battery to carry that load. Do not use circuit breakers with this product.

Specific beacon accessories



Mounting bracket (BE.CLP)

Designed for use with fork-lift and industrial handling machines. Available on request.



Wire cage

Galvanised heavy gauge wire cage to protect against accidental damage.