



MEGA-FLASH ECO BEACON (EM190 - EM193)

The MEGA-FLASH ECO is a fully self-contained warning unit offering 360 degree illumination. This beacon can utilise a variety of fixing methods such as single bolt, magnetic, motorcycle pole and suction mount applications.

The beacon is a dual voltage product (11-30 volt supply). It incorporates constant current technology and therefore retains the same brightness at all times no matter what the input voltage.

Current Consumption:

Although the average current draw is low (approx 1 amp), due to the type of circuit used the instantaneous peak current to a module can be significantly higher during low voltage conditions. To avoid prematurely blowing fuses it is recommended the fuse rating used is that of 5 Amps.



Flash Patterns:

- 1) To change the flash pattern ensure the unit is powered. (**Positive** and negative applied to power source)
- 2) Momentarily apply the PATTERN SELECT CABLE to the positive feed. (Continue to do this to cycle through all flash patterns)
- 3) To reset the unit to its original standard flash pattern (MEGA-FLASH), simply hold the PATTERN SELECT CABLE to **positive** for 2 seconds.

- Mega-Flash: Standard flash pattern
- Quad flash: Four flashes per side
- Triple flash: Three flashes per side
- Double flash: Two flashes per side
- Alternating: Single flash either side
- Hyper-Flash: Gradual increased speed flash rate

Lens Cleaning

Use soapy water and a soft cloth. As plastic (polycarbonate) scratches easily, cleaning is recommended only when necessary. Do not clean the lens using brush or power washing.

Warranty

Please see supplier brochure, website or contact the factory direct for more information relating to the warranty of this product. If any issue should arise whilst fitting or operating this product please contact the factory.

EM190 - SINGLE BOLT MOUNTING - cable connections:

Red: + 10-30V

Black: -ve Ground

Brown: +ve Pattern select – momentarily apply to +ve

Blue: +ve DIM operation – latching action to +ve – will reduce brightness to 25%

Yellow: Synchronisation – link to other mega-flash units

EM191 - MAGNETIC MOUNTING – Cigarette plug:

Place the cigarette plug in any 12v vehicle plug socket. Selecting the latching switch (with the LED indicator) will activate the flashing beacon. Momentarily selecting the secondary switch will cycle through the flash patterns.

Speed Rating: 100mph (maximum speed in excellent conditions)

This rating is based on tests of the magnetic beacon attached to the upper, horizontal surface of a vehicle in ideal conditions. Many factors can reduce this speed rating such as: vertical or inclined surfaces, over-dynamic loading, reduced magnetic pull, material of vehicle, limiting weather conditions.

This speed rating is based upon having excellent working conditions. With less desirable conditions due care and attention should be taken by the user to ensure the beacon can be used safely. The travelling speed should be adjusted accordingly and the beacon should only be used when it is safe to do so. Redtronic Ltd are not responsible for any undesirable effects through the use of this product.

EM193 - MOTORCYCLE POLE MOUNTING – 3 core cable connections:

Brown: + 10-30V

Green / Yellow: -ve Ground

Blue: +ve Pattern select – momentarily apply to +ve