



Description

- Fx Technology – Dual Colour (model dependant)
- Latest generation **CREE** LED
- 5 year warranty
- DEKRA High Speed approved (mag-mount)
- IP66 waterproof seal
- 9 Flash patterns
- Low current draw
- Dual voltage (11v – 30v)

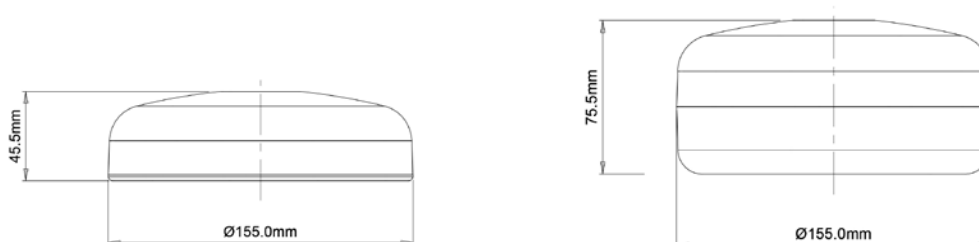
Technical information

		LOW-PROFILE TORNADO		DOUBLE-PROFILE TORNADO	
		Single Colour	Dual Colour	Single Colour	Dual Colour
Voltage Range (DC)		11 – 30v	11 – 30v		
Number of LEDs		12	24	24	48
Led Power (Watts)		36	36/72	72	72/144
Light Output (Lumens)		Blue: 75 lm Amber 206 lm	Blue: 75 lm Amber 206 lm	Blue: 150 lm Amber 327 lm	Blue: 150 lm Amber 327 lm
Weight (Grams) Based on Mag-mount		483g	483g	799g	799g
'All on' - Current Draw (12v)	Mega-Flash, Single & Hyper	1.5 Amps	3 Amps	3 Amps	6 Amps
	Quad, Triple & Double	1.3 Amps	2.6 Amps	3.5 Amps	7 Amps
Approval		EMC & ECER65	EMC & ECER65	EMC & ECER65	EMC & ECER65

Flash Patterns & Cable Colours

	Output 1	Output 2
	Red Cable	Orange Cable
Mega-Flash (simultaneous)	✓	✓
Quad (simultaneous)	✓	✓
Triple (simultaneous)	✓	✓
Double (simultaneous)	✓	✓
Single (simultaneous)	✓	✓
Hyper (simultaneous)	✓	✓
CAP168/Airport (60pm)	✓	✓
Rotate Slow (61pm)	✓	✓
Rotate Fast (122pm)	✓	✓

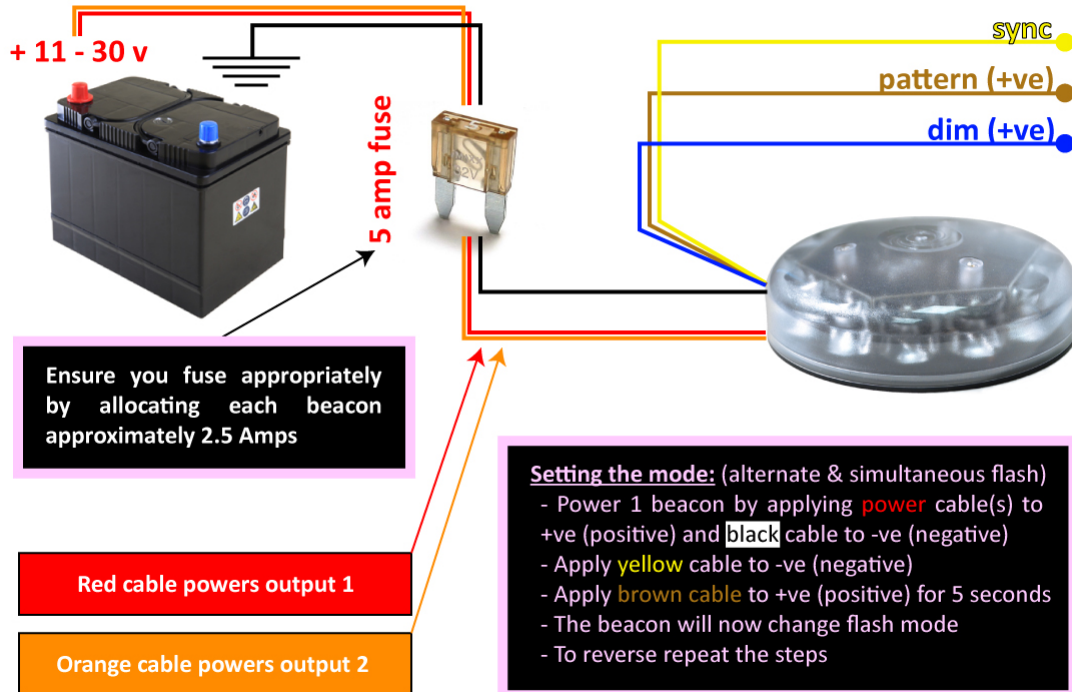
Dimensions (Beacon only)



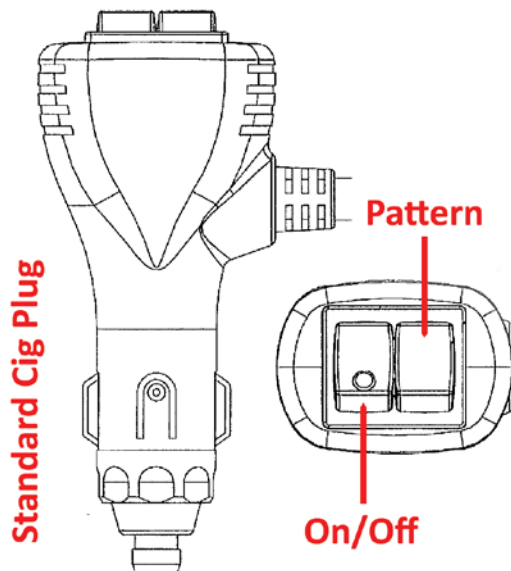
MEGA-FLASH



Installation (Single Bolt)



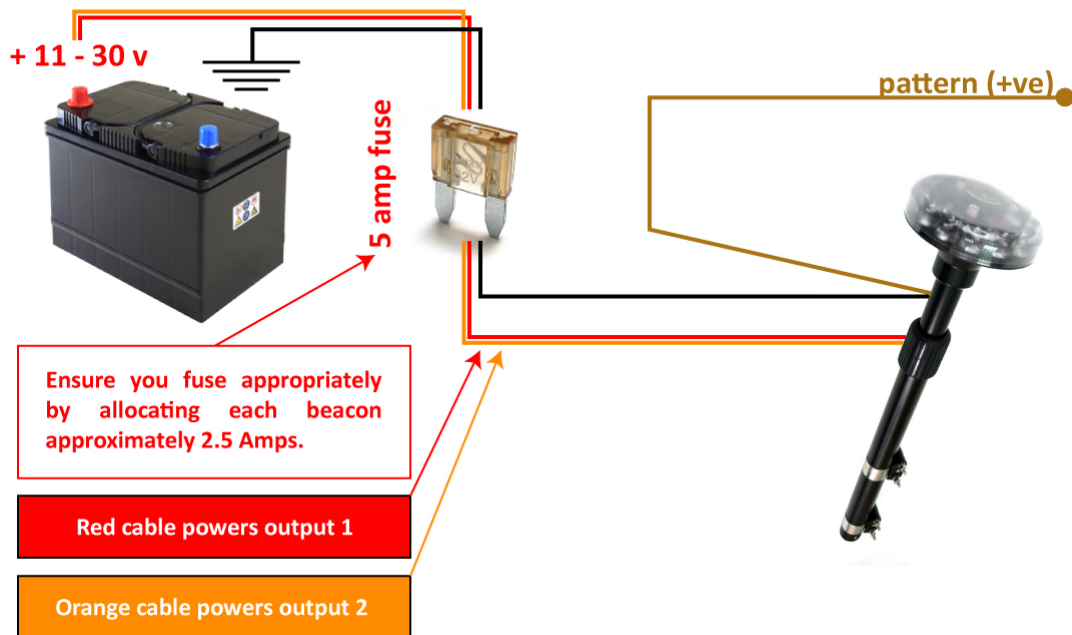
Installation (Mag-mount)



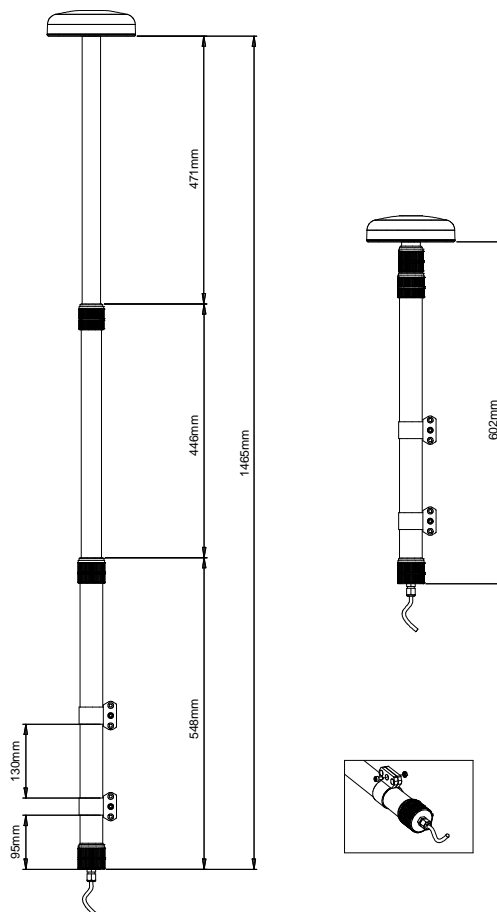
MEGA-FLASH



Installation (Pole Mount)



Dimensions (Pole Mount)



MEGA-FLASH



Suction

The suction cup produces a vacuum to mount the beacon temporarily to a vehicle. A manual pump removes air from between the rubber pad and the contact surface. The red line marking on the pump's plunger serves as a vacuum indicator. A check valve allows the user to re-pump the cup without removing it from the contact surface. A release mechanism is also provided.

Contact Surface and Environmental Conditions

Use the cup on clean, relatively smooth, nonporous surfaces, at temperatures from 0° to 120° Fahrenheit [-18° to 49° Celsius]. Moisture or contaminants can reduce the slip resistance of the cup. Always dry a surface before use to eliminate any issues associated with moisture. The unit will not mount to a ribbed surface.

Operation

To Attach

- 1) Clean the contact surface and inner vacuum cup to ensure there are no elements that may cause suction issues.
- 2) Position the cup so the plunger is always visible.
- 3) Pump the plunger until the cup attaches completely. When the red line is hidden, the beacon is ready for use.
- 4) Check the plunger frequently to make sure the cup remains securely attached.
- 5) If the red line appears, pump the plunger until the red line is hidden again.
- 6) 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.

To Release

- 1) Turn off power to the unit.
- 2) Pull the release tab on the suction cup until the unit disengages. CAUTION: Remove the unit when it is not in use. If the cup remains attached to a hot surface (i.e. in direct sunlight) for an extensive period of time, the rubber pad could bond with the surface, resulting in damage to the surface or to the pad.

Maintenance

Regularly make sure the vacuum cup's air filter is in place. (A circular filter on the underside of the suction cup) If not, discontinue use until the filter is replaced.

Cleaning

- 1) Remove the air filter from the cup face.
- 2) Use a clean sponge or lint-free cloth to apply soapy water or equivalent.
(CAUTION: To prevent liquid from contaminating the pump, hold the cup face-down or cover the suction hole in the filter recess.)
- 3) Wipe all residue from the cup face.
- 4) Allow the cup to dry and reinstall the air filter.

WARNINGS

- Do not place the cup face against surfaces which could damage the sealing edge of the rubber pad.
- Do not use the cup when the red line is visible. If the red line appears frequently, discontinue use.
- Do not allow anything to interfere with free movement of the plunger while the cup is attached.
- The suction cup is a perishable part which is not covered under the product warranty.

MEGA-FLASH