



## Magnetic Feet - Speed Test Declaration

The Cell2 Legion 935mm lightbar fitted with the Magnetic mounting kit (06302184) has been tested at high speed, driving on a bumpy surface handling track and emergency braking by UTAC at their test facilities.

This included:

- Driving on the high-speed oval at a maximum speed of 170 km/h (105 mph)
- Driving 2 laps (3 km) of a deteriorated track at a speed of 30 km/h (18.6 mph)
- Braking at a deceleration rate of 10.57m/s<sup>2</sup> from 138.7 km/h (86 mph)
- Braking at a deceleration rate of 10.49 m/s<sup>2</sup> from 159.4 km/h (99 mph)

During all the testing, the lightbar remained in position on the vehicle roof at all times and no displacement of the lightbar occurred.

Cell2 has made the judgement that the 935mm lightbar should be considered 'worst case', and that 635mm and 785mm lightbars will perform equally or better in terms of adhesion to the vehicle roof than the 935mm lightbar due to their lower weight and smaller frontal area.

**The lightbar must be fitted to a clean and dry roof of metal construction, covered only by the standard vehicle manufacturer's paint finish.**

**When using the vehicle, the driver should be aware that the controlled testing was conducted by UTAC in dry, still conditions. They should consider the potential negative effect of rain, snow, high winds and buffeting from oncoming vehicles and moderate the vehicle speed if necessary.**

A copy of the UTAC test report can be made available upon request.

