

## JBDL Slow-speed Light Facility – offers a suggested ‘keep clear’ area to cyclists

The Jimmy Beam Down Light (JBDL) system boasts a ‘slow-speed’ light function. This offers a footprint of light along the sides of the vehicle, as a suggested ‘**keep clear**’ area for vulnerable road users to be aware of when the vehicle is stationary and when reaching speeds up to and including 15kph, in stop/start traffic. If anything is in this suggested ‘keep clear’ area, it could be in the driver’s blind-spot and so in the interest of personal safety, should be respected. This is especially helpful in towns and cities where there is a lot of interaction with vulnerable road users especially cyclist’s. The system can be fitted to all trailers and rigid vehicles. ***This function is also of benefit when vehicle/trailer movements are completed in limited or tight spaces on site or at a delivery/loading point.***

The JBDL ‘slow-speed’ light facility works as follows:

The ‘slow-speed’ light facility operates automatically through the JBDL control box. Once the ignition is turned ‘ON’ – the JBDL lights will come ‘ON’. The lights will stay on until the vehicle reaches a speed **above** 15kph, when the JBDL lights will turn ‘OFF’. Once the speed of the vehicle drops down to **below** 16kph, the JBDL’s will turn back ‘ON’.



Please note: it is acknowledged that in bright lit conditions, the footprint may be barely visible to anyone. This is not the case in duller daylight conditions. Currently, this is the maximum light output allowed. This could change with revised legislation. However, this function is still advantageous in the safety to both driver and cyclist when interacting with each other in lower lighting conditions where statistics show that more incidents and accidents occur.

## JBDL Down Light Facility – the footprint flashes with the indicators

The JBDL’s can also flash on the ground in conjunction with the indicators. This is a very helpful visual aid especially for cyclists that are in close proximity of the vehicle/trailer in urban areas especially when lighting conditions deteriorate. The footprint, when flashing on the ground gives an additional warning that the vehicle is about to change direction or turn. *(It should be noted that the JBDL’s are **NOT** indicator lights and should not be associated as such).*





### JBDL Down Light Facility – operates in conjunction with side lights

The Jimmy Beam Down Light System also operates from the vehicle side light switch. If the driver activates the vehicle lights, the JBDL's will come on. This operation assists the driver during normal driving activities when lighting conditions deteriorate. It also highlights the presence of the vehicle to other road users in poor visibility such as fog.



Video footage of the lights in action can be viewed at <http://www.jbdl.co.uk> from early October 2015.

*Please find below some suggested advice for both driver and cyclist which should assist in their safety and the safety of those around them which is hoped could become a 'Best Practice'.*

### DRIVER SAFETY ADVICE

To improve the safety of all other road users, including cyclists, drivers should not drive their vehicle into any part of an illuminated requested 'keep clear' area displayed by a cyclist. This footprint, if displayed, helps the driver to gauge a safe and adequate clearance around the cyclist when passing. Cyclists have to avoid potholes and will take evasive action and may move sideways and/or fall to the ground. The driver of the passing vehicle **MUST** be able to clear the cyclist's head to avoid any injury\*1.

\*1 please see Highway Code Rule 163 'Overtaking' for official wording and advice.

<http://www.highwaycodeuk.co.uk/using-the-road---overtaking-162-to-169.html> and Rules 204 – 225 'Road Users Requiring Extra Care' <http://www.highwaycodeuk.co.uk/road-users-requiring-extra-care---overview-204.html> .

### CYCLIST SAFETY ADVICE

Using the same suggested safety measures being asked of from drivers regarding cyclists, all cyclists are respectfully asked to refrain from entering in to any part of an illuminated footprint area being displayed by a vehicle or trailer. This footprint, if being displayed, is offered as a requested 'keep clear' area to assist in ensuring the personal safety of the cyclist and, to allow the driver to retain a safe clearance margin which is crucial when maintaining the safe handling of the vehicle as per Highway Code Rule 221 'Large Vehicles Need Extra Room' <http://www.highwaycodeuk.co.uk/road-users-requiring-extra-care---other-vehicles-219-to-225.html> .

