

Vehicle Standards Instruction

Driving Lamps including Light Emitting Diode (LED) light bars on light vehicles

September 2021

The purpose of this Vehicle Standards Instruction (VSI) is to provide advice on the fitment of driving lamps, including LED light bars in Queensland.

- In addition to the mandatory headlights, a maximum of four driving lamps may be fitted as an optional accessory to a light vehicle. An LED light bar is considered to be one lamp if all the LEDs in the bar operate together.
- Driving lamps must be installed symmetrically from the longitudinal centre line of the vehicle. If driving lamps are not fitted as pairs (e.g. one or three) they must also be fitted symmetrically about the longitudinal centre line of the vehicle.
- Driving lamps may be fitted above the roof line. The driving lamps must be fitted to the front half of the vehicle, when measured from the front to the rearmost point of the vehicle.
- Driving lamp/s must not be in the driver's line of sight and must be installed in a way that the light produced does not cause the driver of the vehicle discomfort from glare either directly or by reflection.



Driving lamps must not be in the driver's line of vision

- The placement of driving lamps and associated brackets must not increase the risk of injury to pedestrians. Driving lamps must not be fitted to the top of a bull bar above the forward bonnet line, or protruding forward of the bumper bar or bull bar in a way which would adversely change the profile of the impact zone.

- The lamp/s must be wired through a switch so they can only come on when the main beam (high beam) headlamps are turned on, and must automatically turn off when the main beam headlamps are turned off. The switch must be wired so that the driving lamps can be switched off while the main-beam headlamps remain on.



Note, under the *Transport Operations (Road Use Management—Road Rules) Regulation 2021*, A driver must not use, or allow to be used, any light fitted to or in the driver's vehicle to dazzle, or in a way that is likely to dazzle, another road user.

Refer to the related documents below for more information on the Road Rules.

Further Information

Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2021

<https://www.legislation.qld.gov.au/view/html/asmade/sl-2021-0114>

Transport Operations (Road Use Management—Road Rules) Regulation 2021

<https://www.legislation.qld.gov.au/view/html/inforce/current/sl-2009-0194>

Australian Design Rule 13/00 Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles

<https://www.legislation.gov.au/Series/F2005L03991>

For more information about this VSI, please email vehiclestandards@tmr.qld.gov.au