

Benefits of ‘Vehicle Downlights’ when fitted to Vehicles and Trailers

The following benefits are not exhaustive.

Benefits to the driver using ‘Vehicle Downlights’

- Helps the driver to see pedestrians, cyclists or other road users that might be in close-proximity, along the side of and adjacent to the vehicle when driving in the dark or in poor visibility
- Helps to highlight the vehicle presence if the driver chooses to drive on vehicle side lights (parking lights)
- Helps to identify the location of kerbs and other roadside furniture when negotiating junctions, roundabouts, rural roads and unlit stretches of motorway in road-works
- Helps the driver when making the mandatory vehicle checks before, during and at the end of the shift by illuminating the sides of the vehicle and the tyres
- Helps the driver when reversing into poorly lit loading bays or parking areas
- Helps illuminate the vehicle for other road users to see, in the event that the vehicle headlight malfunctions in the dark, where often, with a single headlight working, it may appear to be a motorbike to oncoming traffic. It will give the vehicle context in unlit environments
- Helps identify a tyre malfunction. In the event that the vehicle has a tyre blow-out on the motorway for example, the driver and the tyre fitter have additional light to work in and for oncoming drivers to see. This will help other drivers give additional clearance to be given to the incapacitated vehicle and its attendees
- Helps with vehicle security when stopped in unlit areas
- Helps the driver when stop/starting in urban and rural areas whilst negotiating tight spaces when making home deliveries, for example, dot com parts of a business
- If fitted around the driver’s cab, helps to illuminate the area directly below the driver’s blind-spot, where often car drivers sit when being overtaken. Frequent accidents happen due to this area not being visible to the driver

Benefits to Other Motorists

- Offers other motorists a 'keep clear' margin when interacting with trucks and trailers on roundabouts
- Helps make the truck and trailer more visible to motorists improving awareness and hazard perception, especially if the motorist is overtaking the truck on a single-carriageway in the dark.
- Helps highlight the presence of the vehicle when driving in the dark, through spray when there is water on the road, and in misty and foggy conditions

Helps prevent other motorists from colliding with, or going underneath semi-trailers due to poor visibility. Effective illumination downwards, adjacent to the sides of the vehicle, is a crucial ingredient towards the Health and Safety of the driver and all other road users!

Benefits to Vulnerable Road Users (VRU's)

- Offers the VRU something tangible that can be seen and used by everyone as a definitive to ensure their own personal safety; a '**keep clear**' area, a safety margin which is continually available along the sides of the vehicle (daylight intensities permitting),

Benefits to the Company

The Company may benefit from an increased Corporate Image by administering additional Health and Safety measures towards the well-being and safety of all other road users. This should lead on to improved respect from the public, reduced asset and property damage, reduced insurance claims and so reduced downtime.

The driver is an ambassador for the Company and well-presented vehicle displaying good all-round safety precautions for everyone's well-being, is the perfect image that any Organization could wish for!