



Public lighting is under scrutiny resulting in a general reduction in lighting levels. Perceived benefits being a reduction in light pollution, CO<sub>2</sub> emissions, maintenance requirements, energy consumption and overall running costs.

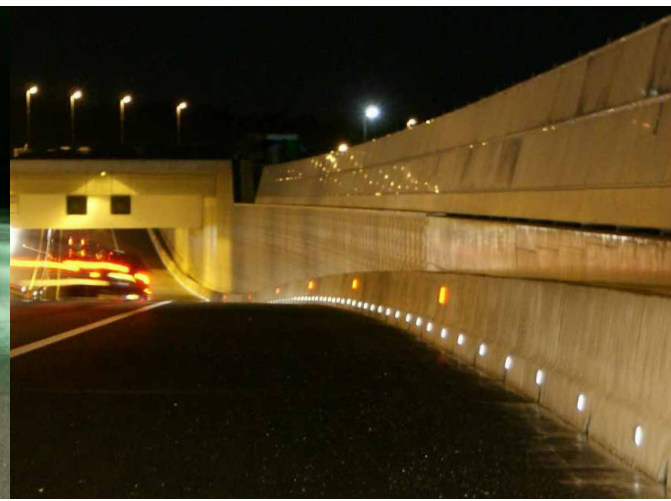
## Use the light that is already there

# A better visible and safer road network with road reflectors



However as road lighting levels reduce, a greater reliance is placed on reflective information provided by road markings, whose effectiveness can be severely impeded in adverse weather (examples being: rain, mist or foggy conditions). Road surface reflectors reflect the light from vehicles headlights and are key to providing road safety delineation. Where night time visibility is reduced by climatic conditions road surface reflectors are sometimes the only way for drivers to determine the correct direction of travel. The advantage of placing road surface reflectors is that they provide an audible, tangible and wet night visible addition to road safety by which the number of single vehicle accidents can be reduced. With less accidents road maintenance costs will be reduced significantly as improved road safety will result in fewer collisions with street furniture and fixtures. In addition improved road mounted delineation verge shoulder boards can be eliminated thereby allowing grass cutting to be undertaken more safely and quickly.





Fijen TMLS BV has an extensive range of nearly maintenance free reflectors which can be fitted on or alongside roads, on crash/ or other safety barriers. Protection barrier and guidance rail reflectors can also be fitted using magnets. The reflection values of our road surface reflectors are twice as high as conventional reflectors (cats' eyes), achieving 800 to 1000 mcd/lux as opposed to a conventional reflector with 80 to 300 mcd/lux. our road surface reflectors conform to the NEN 1463-1 safety and quality terms and we are in process to get the NEN 1463-2. The reflectors are scratch resistant, low maintenance, easy to clean and have a very long lifespan. The plastic version can cope with a load of approximately 10 tonnes and the aluminium version with from 25-60 tonnes.



FPP-301

**Applications:**

- ✓ As road markings and/or road separation
- ✓ For traffic calming measures
- ✓ As guidance around dangerous corners
- ✓ For visibility of the crash barrier / other barriers (horizontal or vertical)



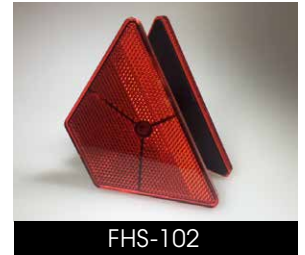
FKT-101



FKT-101F



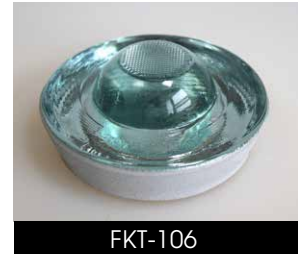
FKT-102



FHS-102



FKT-222



FKT-106



FKT-201



FSO-201



FSO-301 / FSO-303



FSO-306