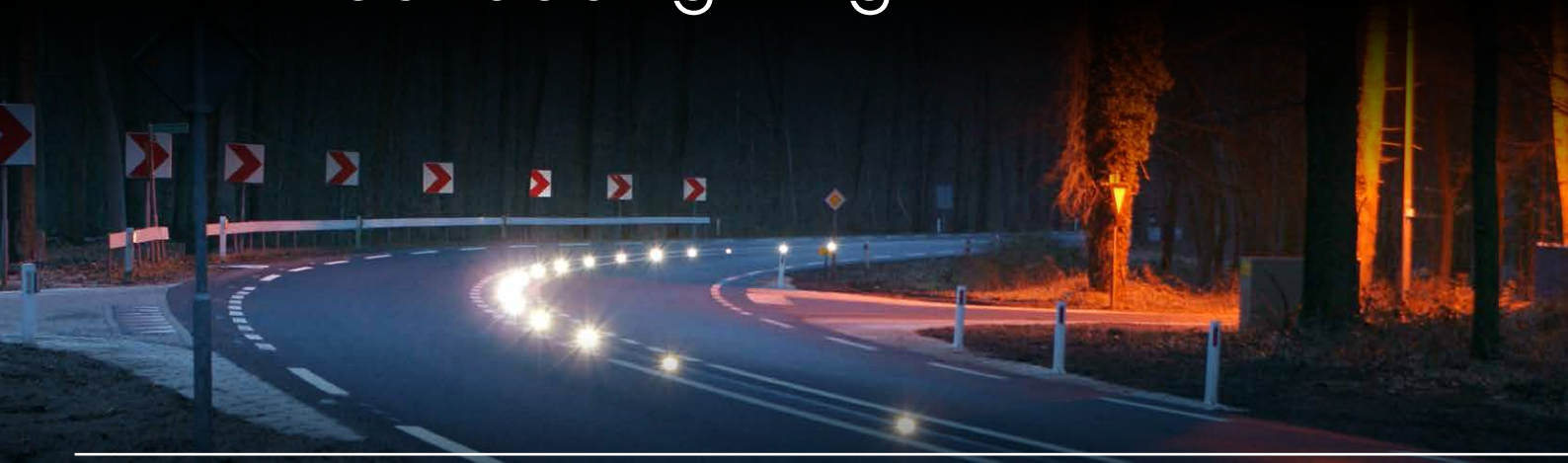
fijen
to make life safer

Public lighting is under scrutiny resulting in a general reduction in lighting levels. Perceived benefits being a reduction in light pollution, CO_2 emissions, maintenance requirements, energy consumption and overall running costs.

You decide when it is visible

A better visibility and safer road network with wired road lighting



However as road lighting levels reduce a greater reliance is placed on reflective information provided by road markings. In situations of rain and mist the performance of white lines is severely impeded, surface mounted road lighting, offers a desired alternative delineation. The advantage of wired road surface lighting is that it is independent of your own vehicle's lighting. A traffic situation can be thoroughly 'read' much sooner. The units can be switched on at any given moment and (depending on the situation) can also be dimmed. The lighting is visible from more than 1000 meters away. Driver anticipation times are improved, leading to less likelihood of sudden breaking at hazards and a reduction in the use of main beam thereby reducing hazardous glare. Thus creating a safer road conditions and a reduction in single vehicle accidents. The introduction of flashing lights increases the road users attention and warns of dangerous situations.



Power to the unit is by an external power source which enables control as desired of functional light output. Where ambient light is in short supply, for example tunnels or tree shaded areas safety is enhanced by the introduction of light emitting units. The light output can be varied, and the lifespan of the wired lighting is up to 10 years depending on the impact moments. Wired units can be installed in conjunction with radar sensors enabling pedestrians and/or cyclists to be detected and the units can emit a by a controller flashing or constantly burning signal as a warning to motorists of their presence. In addition, the correct light pattern or brightness can be controlled via a controller. With paving stones we can use a prefab system where we can mount the products in advance so that they only need to be installed in on location and the cables with IP68 connectors can be connected to each other.


FRS-710

Applications:

- ✓ Marking roads and/or road separations and cycle paths
- ✓ Tunnel lighting
- ✓ Guidance around dangerous corners
- ✓ Visibility of zebra crossings (with detection)
- ✓ Approach safety
- ✓ Entrance safety
- ✓ Route guidance
- ✓ Traffic Control System Support


FSR-045


FSR-048


FSR-050


FSR-070


FSR-035


FSR-030


FTB-900


FTB-350


FSR-024


FSR-005

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