Good reasons for investing in a retroreflectometer

DELTA – a leading and reliable force behind improving driving safety

DELTA is known throughout the world for its highly reliable and robust range of hand-held retroreflectometers (LTL, RetroSign). The instruments are used for measuring retroreflection of road markings and road signs with the main purpose of improving driving safety. DELTA has been at the forefront of developing instruments for measuring retroreflection since 70’s. DELTA has in parallel been a leading force behind writing current standards applied in Europe (EN 1436, EN 12899) and the US (ASTM E 1709, ASTM E 1710, ASTM E 2176, ASTM E 2177, ASTM E 2302, ASTM E 2540, ASTM E 2832).

“DELTA is your most knowledgeable and competent partner when it comes to improving driving safety – and we are proud of it”.

Standards – what are their purpose?

Standards are instructions telling national road authorities what measurements need to be enforced and what limits to adhere to in order to ensure safe driving. Having standards enforced will increase road safety, especially when driving during nighttime and during poor weather conditions like rain and fog. International studies show that relatively more accidents and fatalities happen during nighttime driving compared to daytime driving.

“Standards explain what measurements to enforce to ensure safe driving - for your benefit of the individual and the society”.

Driving safety – what does it really mean?

Driving on roads can be dangerous - accidents happen, some fatal. Loss of life is a tragedy. People being hospitalised is a significant cost to society, and to the individual in care and lost labour. Do authorities take such costs into consideration when they decide about road maintenance – and thus driving safety? Money spent on improving driving safety is less than the cost causted by road accidents.

“Effective investments into driving safety give good returns on the investment – and save lifes”.

Retroreflectometers – use them to improve driving safety!

Using a retroreflectometer is the only way to objectively evaluate if a road marking or a road sign provides the minimum retroreflection level stated in a standard - and thus provides the best possible guidance to safe driving under various driving conditions. Perceptual evaluations of e.g. road sign quality are much worse - even trained inspectors have a hit rate below 50 % in regions of interest regarding retroreflectivity. In contrast DELTA’s retroreflectometers in seconds can measure the retroreflection level and provide a non-disputable result and proof whether a road marking or a road sign meets or fails minimum requirements in the standard.

“Investments in retroreflectometer give good returns on the investment – and save lifes”.

Retroreflectometers – help spend your maintenance budget more efficiently!

Financial resources are limited for most of us. Having a road maintenance budget to spend, how do you spend it most efficiently? For road markings and road signs available resources should first of all be used to avoid low performing markings and signs – and keep roads safe at a high level. DELTA’s retroreflectometers measure accurately the performance of your markings and signs, and let you invest your resources where you get the best return on investments.

“A retroreflectometer allows you to make clever and effective decisions – to the benefit of safe driving”.

DELTA – your preferred partner in durable and easy-to-use instruments

You won’t find more reliable, durable and easy-to-use instruments for your road safety improvement program than DELTA’s instruments.

They are reliable due to a careful design and DELTA’s in-house competace as an accredited calibration laboratory. They are durable and will last for years with proper treatment. The instruments are

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very easy to use and handle – we have had the user in mind when we developed our instruments. Our proprietary software makes transfer of data via USB or bluetooth to a PC and onwards to Excel or Google Earth simple and fast.

“Our instruments are used worldwide day after day, again and again - do you want to test one?”

**DELTA – your preferred partner in improving driving safety**

You won’t find a better partner in your road safety improvement program than DELTA. We know as nobody else the retroreflection business inside out. We deliver state-of-the-art instruments for improving driving safety by documenting that road markings and road signs deliver what they are expected to do – or if they need to be taken care of.

“Our instruments are used by professionals - to save your life”.

**Contact and further information**

For further information about DELTA’s LTL-M mobile retroreflectometer please contact:

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