

Safer Tunnels

The Future of Road Guidance



In-pavement centreline delineation



Barrier mounted delineation



Edge line delineation

A solution to complement traditional overhead and sidewall lighting in tunnels is now available. Lights are installed directly in the roadway, on the edge of the roadway or on a barrier. They prove additional guidance for vehicle drivers.

These delineation lighting systems are particularly important as backup to primary illumination. Delineation lights are effective in maintaining vehicle lane separation both inside tunnels and in the approaches to tunnels. They can also be used to maintain vehicle separation in counter flow traffic.

Smoke caused by fires or chemical spills are the most hazardous emergency situation in tunnels. Impaired vision and disorientation can cause disastrous multiple vehicle collisions. In-pavement delineation can help guide drivers and passengers to greater safety.

Smartstud[™] tunnel delineation systems include high intensity/low power LED-equipped road markers using Inductive Power Transfer (IPT) technology and power cabling. Smartstud[™] markers are compact, rugged and completely sealed.

The system is simple and cost effective to install and operate. With IPT technology there are no wires connecting the marker to the underground power cable!

For more information please visit:

www.smartstud.com