

EXCENTRIC pedestrian crossing safety solution

DESCRIPTION OF FUNCTION:

EXCENTRIC serves to the significant increase of pedestrians' safety on the zebra crossing.

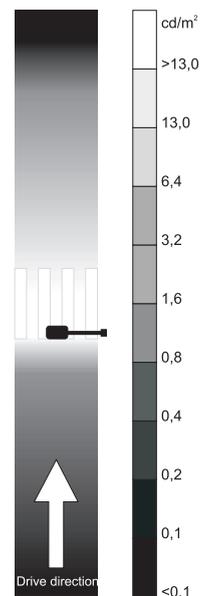
FUNCTION DURING THE DAY-TIME:

EXCENTRIC creates a "portal" with several "Zebra crossing" sigs and is visible for long distance.

FUNCTION DURING LOW VISIBILITY:

During low visibility the eccentrically adjusted optics of special luminary illuminates the person on the zebra crossing and their surroundings without blinding the driver. In this way is made the contrast between illuminated figure of person and darker background of road surface. Moreover the zebra crossing visibility is raised by reflective foil on the front side of vertical pole part. Also the traffic signs with reflective yellow-green edge contribute to safety. Usage of reflective foil keep security on pedestrian crossing also during black out.

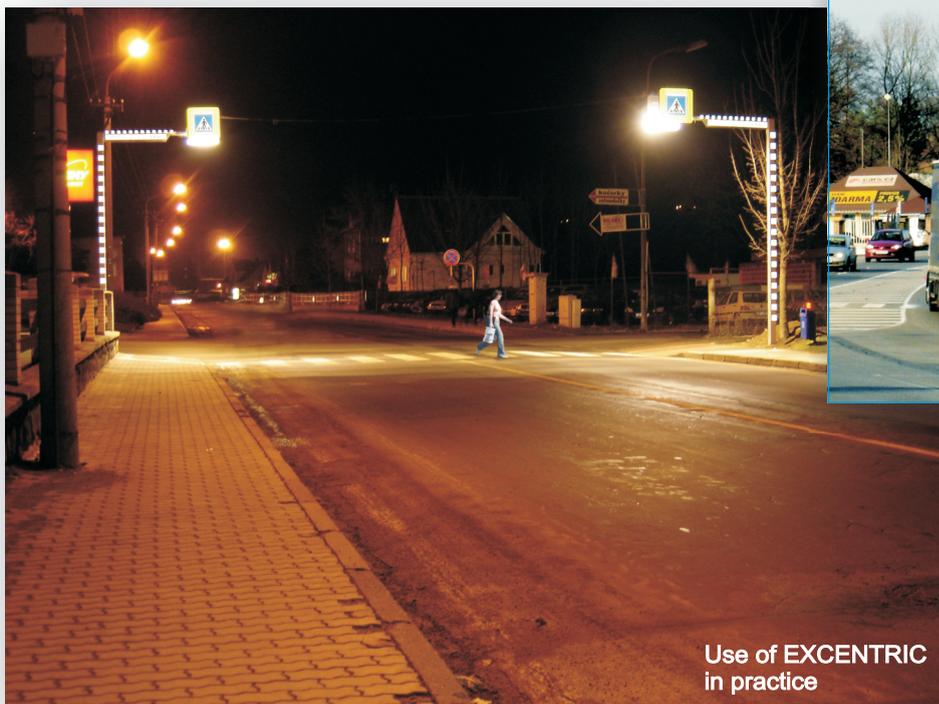
The driver approaching the zebra crossing can quickly identify the behavior of pedestrian and is able to react to dangerous situation in time. Big "portal" created by this solution increases concentration of the driver and he subconsciously slows down.



graphic scheme of EXCENTRIC brightness control



BACK-LIT VERSION OF TRAFFIC SIGNS



Use of EXCENTRIC in practice