

ISSUE: 07. ROAD TUNNELS IN WINTER CONDITIONS

SUB-ISSUE: Road tunnels in winter conditions

Session: ()

Poster: 07/02/2014 (09:00 - 11:00 h)

Room:

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Presentation title:

ROAD TUNNEL MAINTENANCE IN WINTER CONDITION: A SOLUTION TO ECONOMIC CONSTRAINTS AND SUSTAINABLE DEVELOPMENT

Summary:

The maintenance factor plays an important role on the quantity of luminaire installed and in function during day and night condition in road tunnel. The range of values taken from ANSI/IES RP-22-11 or CIE-088:2004 for the maintenance factors varies according to different parameters including lamps survival factor (LFS). In Nordic countries, the environmental conditions are certainly the most important factor to consider in maintenance due to abrasives like salt and calcium brought in the tunnels by the vehicles that will accelerate the lumens degradation.



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