

Seminar

ADAPTIVE LIGHTING AND VISIBILITY

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Summary

With the development of Solid State Lighting and Control systems, the ability to adjust lighting levels and roadway appearance has become a reality. This approach to lighting, Adaptive Lighting, is a technology to use light only when and where it is needed. In a recent application in the US, Norway and England, adaptive lighting techniques have been investigated both for city streets and for high speed roadways. The results of these projects are a series of guidelines and application approaches for the implementation of this technology.

This workshop will consist of:

- 1) Introduction and Technology Assessment
- 2) Linking Roadway lighting to Crash Safety
- 3) Design Criteria for Adaptive Lighting
- 4) Experience with Adaptive Lighting
 - a) England
 - b) Norway