

Sustainable Roadway Lighting Seminars

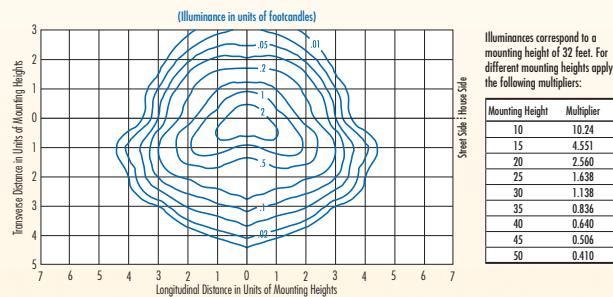
The LRC developed and conducted half-day educational seminars on sustainable roadway lighting at three locations within New York State: Rochester, New York City, and Albany.



Primary attendees were engineers from the New York State Department of Transportation (NYSDOT). Individuals

from local municipalities, electric utilities, and engineering firms also attended.

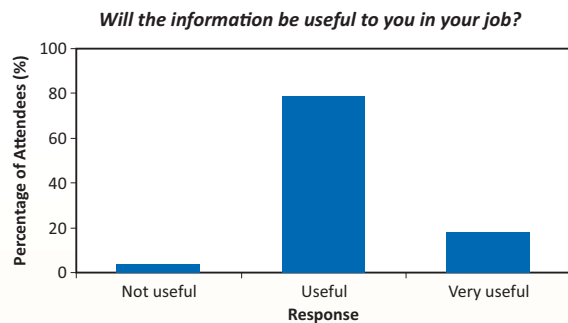
Topics covered in the seminar included: roadway lighting basics, roadway lighting technologies, visibility and safety, economics and benefit/cost analyses, and new approaches to roadway lighting including ecoluminance, pedestrian crosswalk lighting, mesopic vision, and brightness appearance.



Simple design tools for roadway lighting design, such as this isoilluminance plot, were discussed in the seminars.

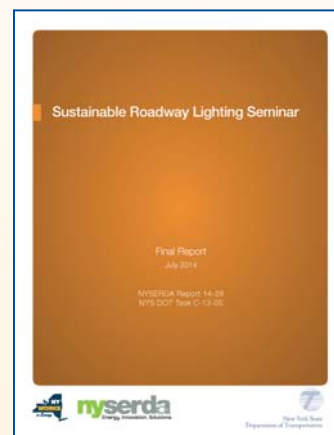
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Most seminar attendees found the information to be useful or very useful.

The seminar was received favorably by participants at each location. The project report summarizes the educational material presented in the seminar for use by engineers at NYSDOT and other organizations interested in energy-efficient roadway lighting.



The project report may be downloaded from:
<http://www.nyserda.ny.gov/-/media/Files/Publications/Research/Transportation/Sustainable-Roadway-Lighting-Seminars.pdf>

