

UTRC-REGION II NEWSWIRE

UTRC Press Release

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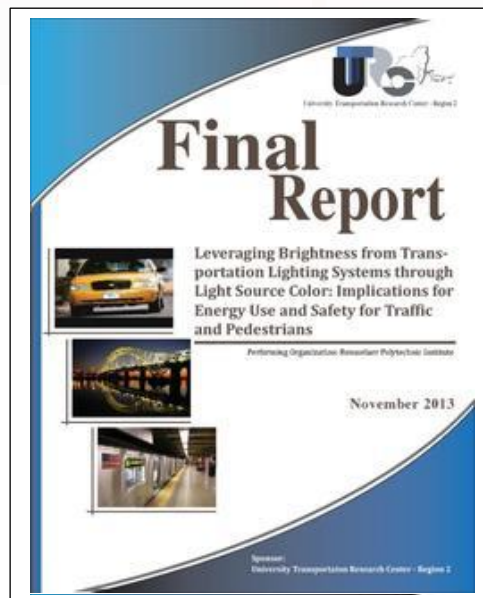
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The University Transportation Research Center Publishes the Final Report for the Research Project Titled: "Leveraging Brightness from Transportation Lighting Systems through Light Source Color: Implications for Energy Use and Safety for Traffic and Pedestrians"

UTRC has released a final report for the research titled: "**Leveraging Brightness from Transportation Lighting Systems through Light Source Color: Implications for Energy Use and Safety for Traffic and Pedestrians**", funded by the Research and Innovative Technology Administration/USDOT (RITA). The principal investigator was **Dr. John D. Bullough**, a senior research scientist at Rensselaer Polytechnic Institute.

Roadway transportation lighting is installed for multiple reasons including traffic safety and pedestrian security. Judgments of pedestrian safety and security along roadways are not strictly correlated to specified light levels, but the color of the light source influences pedestrians' judgments as well. In general, the brighter a roadway location appears, the safer and more secure it is judged as being. The present laboratory study used lighting varying in color in order to help understand the mechanisms underlying brightness perception.

The full report is available for a free download at the UTRC website:
<http://www.utrc2.org/publications/final-leveraging-brightness-light-source-color>



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About The University Transportation Research Center

The University Transportation Research Center (UTRC) is a USDOT Regional Transportation Center addressing surface transportation operations, management, design economics and planning. The Region 2 University Transportation Research Center is one of ten original National Centers, established in 1987, in recognition that transportation plays a key role in the nation's economy and in the quality of people's lives. Located at the City University of New York, the Center is a Consortium of 17 major Academic Institutions in New York, New Jersey, and Puerto Rico. Through the Grant supporting the Center, the mission incorporates research, education and the transfer of technology in the field of transportation. Academically based, the work of Faculty and Students – graduate and undergraduate provide a critical link in resolving our national and regional transportation problems while training the future and current professionals who address our transportation system and their customers on a daily basis. For more information, visit www.utrc2.org.