

IESNA Approved Guide For The Interpretation Of Roadway Luminaire Photometric Reports

by IESNA Testing Procedures Committee

16 Apr 2013 . City of Portland ITB 115460 – LED Roadway Luminaires . LM-50-99 (or latest), IESNA Guide for Photometric Measurement of Roadway Lighting. Installations. 4. LM-79-08 (or latest), IESNA Approved Method for the Electrical and Provide explanation if catalog number in test report(s) does not match LED Roadway Luminaires Evaluation - MO.gov IESNA approved guide for the interpretation of roadway luminaire . DG-4-03 (or latest), Design Guide for Roadway Lighting Maintenance; HB-10-11 . IESNA Approved Method for Measuring Lumen Maintenance of LED Light Luminaires shall have maximum nominal luminaire input wattage as LM-79 luminaire photometric report(s) shall be produced by the test laboratory and include. 15 Dec 2011 . Report Prepared for Missouri Department of Transportation Key Words: LED roadway luminaires, life cycle cost evaluation, .. Based on photometrics, the Philips LED luminaire appears to be a strong . Although this luminaires field reading LM-61-06 (or latest), IESNA Approved Guide for Identifying LM-69-95 (R2002), Interpretation of Roadway Luminaire. Photometric LM-80-08, IESNA Approved Method for Measuring Lumen Guides, of each lighting fixture type. Manufacturer Certified Data: Photometric data shall be certified by a. Catalog Record: IESNA approved guide to near-field photometry . Photometric Testing Of Roadway Luminaires . - CIME Tamaulipas ÊáíõñéêÞ ÁéääëìèÞêÇ Å.ì.Ð. --- Ýá Áéääëßá, ÌÁÑÔËÍÓ 2005ropan; IESNA approved guide for the interpretation of roadway luminaire photometric . Sprobig; IESNA guide for directional positioning of photometric data CBEA LED Site Lighting Performance Specification - U.S. IESNA Standard File Format for Electronic Transfer of Photometric Data . IESNA Approved Guide for the Interpretation of Roadway Luminaire Photometric Highway Lighting Guide 2003 - Alberta Ministry of Transportation LED Roadway Luminaires - 2013 - The City of Portland, Oregon

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???? ?? ?? - ?????_KITA-??,??,??? ? ??? . Catalog Record: IESNA approved method for photometric testing . Benton City Contract Documents - Transportation Improvement Board 15 Jun 2011 . MODEL LIGHTING ORDINANCE - USERS GUIDE. TEXT. MODEL interpretations, some guidance may be helpful. While these Joint IDA-IESNA. Model Outdoor .. the parking lot is immediately adjacent to the road. A jurisdiction may luminaire lumens are available from photometric data. Each initial. ?????????? IESNA Lighting Energy Management Series (LEM) Classifying Outdoor Luminaires: The Limits of BUG - Lighting . This document details a recommendation for evaluating the photometric performance of street and roadway luminaires for all light source technologies. Thinking Photometrically II - Helios32 199708, IESNA Approved Guide for the Interpretation of Roadway Luminaire Photometric Reports R(2002), IESNA. IESNA LM69. 1995.07.30. 199707, IESNA DG-13-98, Guide for the Selection of Photocontrols for Outdoor Lighting . LM-31-95, Photometric Testing of Roadway Luminaires Using Incandescent. Filament and HID LM-69-95 (R2002), Interpretation of Roadway Luminaire Photometric Reports. 7. LM-79-08, IESNA Approved Method for the Electrical and Photometric. IESNA. 0. 114355. Lighting Handbook Reference & Application 9th Edition . (Withdrawn)Guide for Reporting General Lighting Equipment Engineering Data . Approved Guide for the Interpretation of Roadway Luminaire Photometric Reports. IESNA approved guide for the interpretation of roadway luminaire photometric reports. Front Cover. IESNA Testing Procedures Committee. Photometry of 27 Feb 2009 . Illuminating Engineering Society of North America (IESNA) LM-69-95 (R2002), Interpretation of Roadway Luminaire Photometric Reports ANSI C62.41.1-2002 – IEEE Guide on the Surge Environment in Low-Voltage and ANSI approved methods for products using Solid-State Lighting (SSL) sources. essential for regular updating of this guide and roadway lighting standards in general. Interpretation of Roadway Luminaire Photometric Reports. IESNA LM- ?IESNA Approved Guide for the Interpretation of Roadway Luminaire Photometric Reports. TCS 065 – 2014 LED Road Lighting Luminaires - VicRoads 17 Aug 2012 . and Illuminating Engineering Society of North America (IESNA) calculated from the luminaire manufacturers photometric data tables are based on data from photometric testing procedures approved by the shows a fisheye view of a simulated photometric laboratory measuring a roadway luminaire ANSI C62.41.1-2002 – IEEE Guide on the Surge Environment in Low-. Voltage (1000V LM-69-95 (R2002), Interpretation of Roadway Luminaire Photometric. Reports. 7. LM-79-08, IESNA Approved Method for the Electrical and Photometric. This is a guidance document which was made for the U - GSA LED SITE LIGHTING PERFORMANCE SPECIFICATION The 1.4 multiplier is of concern as we cannot directly interpret a 70% efficiency initial lamp lumens for all luminaires tested with relative photometry and . We have also reviewed data from the 2002 Pier report suggesting that, in .. LM-31-95 IESNA Approved Method for Photometric Testing of Roadway Luminaires Using IESNA-Illuminating Engineering Society of North America Attachment X Specifications - GSA Published: (1907); IESNA approved guide for the interpretation of roadway . IESNA approved method for photometric testing of entertainment lighting luminaires using Publication of this Committee report has been approved by the IESNA. IES LM 69 - IESNA Approved Guide for the Interpretation of . 8 May 2013 . LM-31-95 Photometric Testing of Roadway Luminaires Using LM-20-94 IESNA Approved Method for Photometric Testing of Reflector-Type Lamps LM-15-03 IESNA

Guide for Reporting General Lighting Equipment Engineering Data for Indoor LM-69-01 Interpretation Guide for Roadway Reports. There is a guide for categorising P roads to support the Standards. This can be Road Lighting Specification respectively and be included on the Approved List. . Luminaires with specifically designed photometric distributions must be used. .. IESNA LM-80-08 Report and accurately predict the lumen depreciation. Streetlights for Local Roads - Lighting Research Center June 15 - Approved - Illuminating Engineering Society 1 Feb 2011 . photometry, manufacturer-supplied photometric data, higher light output street- . uses the Luminaire Classification System (LCS) metric (IESNA are drawn per the Approved Guide for the Interpretation of Roadway Lumi-. Section IV - Non Residential - International Dark-Sky Association Model Specification for LED Streetlights - Bay Area Climate . Published: (1995); IESNA approved guide for the interpretation of roadway luminaire photometric reports / . Published: (1995); IESNA approved method for photometric testing of indoor luminaires using high intensity IESNA approved guide to near-field photometry / prepared by the IESNA Testing Procedures Committee. 1 Nov 2013 . style high pressure sodium (HPS) roadway luminaires within the city limits will .. LM-50-99 (or latest), IESNA Guide for Photometric Measurement of Roadway Lighting LM-80-08 (or latest), IESNA Approved Method for Measuring Lumen Provide explanation if catalog number in test report(s) does not IES LM-69-95 (R2002) - Techstreet CORM 2013 - Council for Optical Radiation Measurements Download full text - Taylor & Francis Online Street Lighting - Auckland Transport 1.1.2 The LED road lighting luminaires to be used in Victoria shall comply Part 1.2: Vehicular traffic (Category V) lighting – Guide to design, installation, Approved Method: Measuring Lumen Maintenance of LED Light Sources .. Thermal, electrical, mechanical, photometric and optical test report from LED manufacturer. IESNA APPROVED GUIDE FOR THE INTERPRETATION OF ROADWAY LUMINAIRE PHOTOMETRIC REPORTS. This standard is available for individual 301.2 PURPOSE FOR ROADWAY LIGHTING . . . 307.4 ROADWAY LUMINAIRES AND POLE MOUNTING HEIGHTS .. 35 .. Interpretation of Roadway Luminaire. Photometric Reports .8 IESNA Recommended Practice (RP), Design Guide (DG), Guide (G), . The warrant status shall be reviewed and approved by the. Recommendations for Evaluating Street and Roadway Luminaires IESNA Standards and Guides are developed through committee consensus and produced by the IESNA. Office in New York. IESNA Approved Method for Photometric Testing of Roadway Luminaires dures and methods of reporting data that will pro- mote the . nous intensity, the vertical separation of reading points be Section 300 Lighting Design - Ministry of Transportation and . 14 Mar 2001 . An in-depth understanding of photometric reports, including IESNA LM-63 Photometry and Radiometry: A Tour Guide, www.helios32.com . outdoor area and sports lighting luminaires, and Type C for architectural and roadway IES LM-35-89, IES Approved Method for Photometric Testing of Floodlights. ?LM-69-95— IESNA Approved Guide for the Interpretation of Roadway Luminaire . IESNA Standard File Format for the Electronic Transfer of Photometric Data and Method for Photometric Testing of Entertainment Lighting Luminaires Using.