

## **BIBLIOGRAPHY IEEE 3001.9 | Campus Outdoor Lighting Systems | 3.17.22**

### **7.8 References & Bibliography & Annex A.X**

#### [IEEE IAS Paper v12](#)

IEEE C2. National Electrical Safety Code [Section 6.6]

IEEE 1685 – Guide to Diagnosing Mitigating Stray and Contact Voltage

IEEE 81 - Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

IEEE C62.41 Transient Surge Requirements

IEEE C136.11 American Standard for Roadway Lighting Equipment Series Sockets and Series Sockets Receptacles

IEEE C136.2 American National Standard for Roadway and Area Lighting Equipment: Luminaires Voltage Classification

IEEE C136.3 American National Standard for Roadway and Area Lighting Equipment Luminaire Attachments

[IEEE The Hazardous Multigrounded Neutral Distribution System And Dangerous Stray Currents](#)

[IEEE The Calculation of Energy Saving in use Light Management Systems](#)

[IEEE Recent Research: Street Lights](#)

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ASTM C1089-19 Standard Specification For Spun Cast Prestressed Concrete Poles

[AASHTO](#)

[American Public Power Association](#)

[California Title 24](#)

Federal Highway Administration Roadway Lighting Handbook

<https://www.ies.org/standards/joint-standards/>

[Regulations Governing the Development of NFPA Standards](#) (RE: Definitions)

[NECA/IESNA 501-2006 STANDARD FOR INSTALLING EXTERIOR LIGHTING SYSTEMS](#)

[OSHA 1910.303](#)

[PG&E Electric & Gas Service Requirements](#)

[“Are Your Streetlights Grounded?” Pete Jackson. JAEI Magazine, December 2011.](#)

“Analysis of Public Shock and Electrocutation Cases” Mark Voltgerger, Power Quality Testing, November 2006

“Calculation of Pole Voltage Rise” Wilson & Company Report

[“Electrical Safety” National Institute for Occupational Safety and Health](#)

[“Underground Facility Damage Prevention And Safety Act 174 of 2013”](#)

[IEC 60364-7-714: Electrical installations of buildings Part 7-714 Requirements for special installations or locations - External lighting installations](#)

[Neutral Currents in Large Public Lighting Networks](#)

Unbalance Propagation at Different Voltage Levels

National Electronic Injury Surveillance System

NEMA LSD 64-2014 [Lighting Controls Terminology.](#)

<https://facilities.uw.edu/blog/posts/2016/04/05/leading-way-led>

Lithonia LED power supply and luminaire

IEEE Definitions

IES Definitions

IEC / CIE Definitions

NEMA Area Lighting Standards

<https://www.nema.org/Products/Pages/Area-Lighting.aspx>

[NEMA ANSI C137 Lighting Systems Committee](#)

IES Lighting Handbook

[x] *IEEE 3000 Dot Standards: In development*

<http://standards.ieee.org/findstds/3000stds/about.html>

*Comply with ANSI C78.377A*

*NECA/IESNA-501, Recommended Practice for Installing Exterior Lighting Systems(ANSI).*

*AASHTO American Association of State Highway and Transportation Officials guidelines are frequently referenced in campus systems in which the educational institution owns the roadways.*

*[https://www.energycodes.gov/sites/default/files/becu/webcast\\_adv\\_lighting\\_richman.pdf](https://www.energycodes.gov/sites/default/files/becu/webcast_adv_lighting_richman.pdf)*

*[Schneider]*

*[https://download.schneider-electric.com/files?p\\_enDocType=White+Paper&p\\_File\\_Name=998-2095-10-07-17AR0\\_EN.pdf&p\\_Doc\\_Ref=998-2095-10-07-17AR0\\_EN](https://download.schneider-electric.com/files?p_enDocType=White+Paper&p_File_Name=998-2095-10-07-17AR0_EN.pdf&p_Doc_Ref=998-2095-10-07-17AR0_EN)*

*Comply with IESNA TM-15-07 Luminaire Classification System for Outdoor Luminaires*

*IEC 61000-3-2 standard*

*[https://www.energy.gov/sites/prod/files/2015/10/f27/gateway\\_princeton-exterior\\_brief.pdf](https://www.energy.gov/sites/prod/files/2015/10/f27/gateway_princeton-exterior_brief.pdf)*

*Surge protection meeting Category C per ANSI C62.41.2.*

*See Standards Michigan Library of Design Guidelines for Colleges and University Power Systems*

*At least one wire manufacturer provides a simple voltage drop calculator [Southwire]  
<https://www.southwire.com/support/voltage-drop-calculator.htm>*

*[X] [University of Georgia General Electrical Requirements](#)*

