



City of
Gainesville

LD22-000089

Lighting Standard Updates

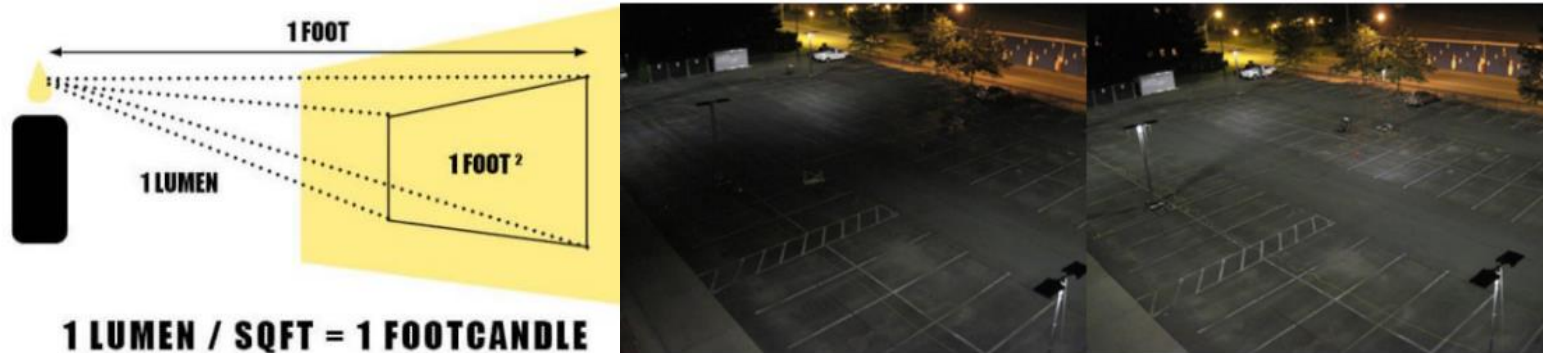
**Department of Sustainable Development
Dan Zhu**

2022-566



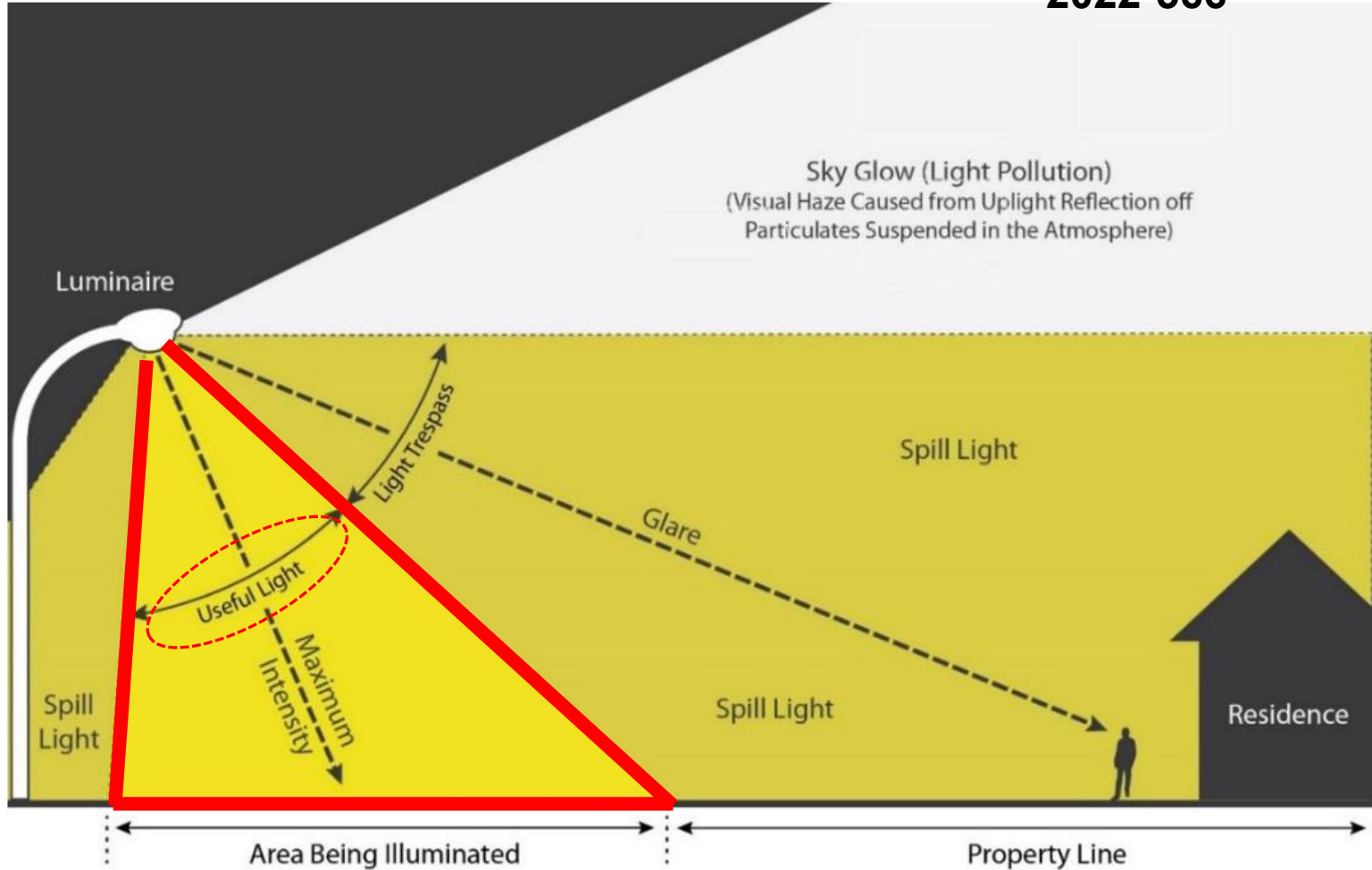


- Footcandle = unit of illuminance
- Lumen = total amount of light emitted in all directions
- Illuminance = density of light on a surface
- Uniformity Ratios = avg/min & max/min



TERMINOLOGY

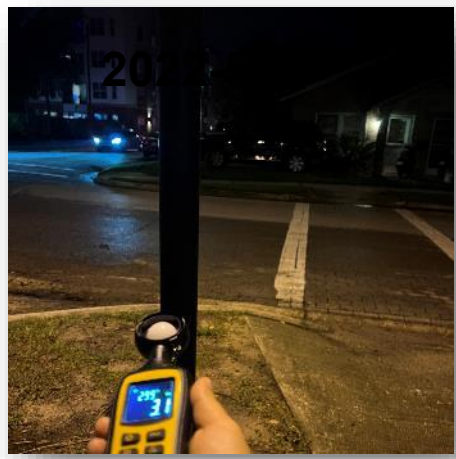
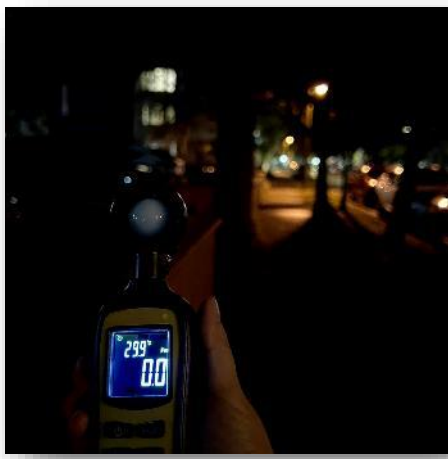
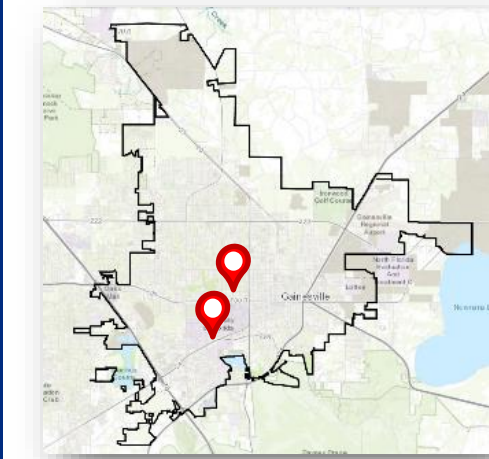
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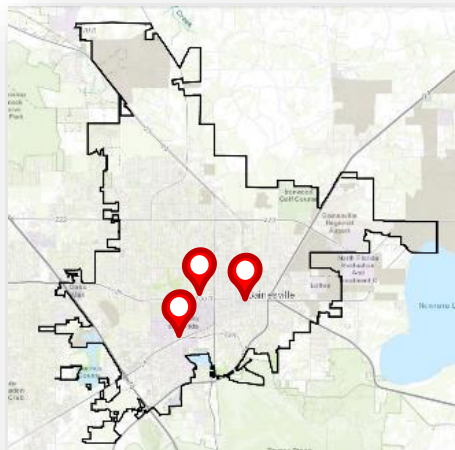
SITE PHOTOS



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SITE PHOTOS



Pedestrian means a person who travels by foot, especially along a road or developed area, or any other mode of travel permitted to utilize sidewalks or multi-use paths/trails.

Pedestrian area means an area in which vehicular traffic is not permitted and is so designated by signs or obstructions as pedestrian walkways or access areas; refer also to sidewalk.

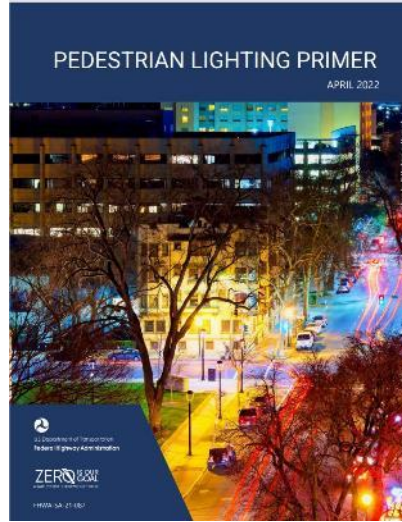
Pedestrian area lighting levels

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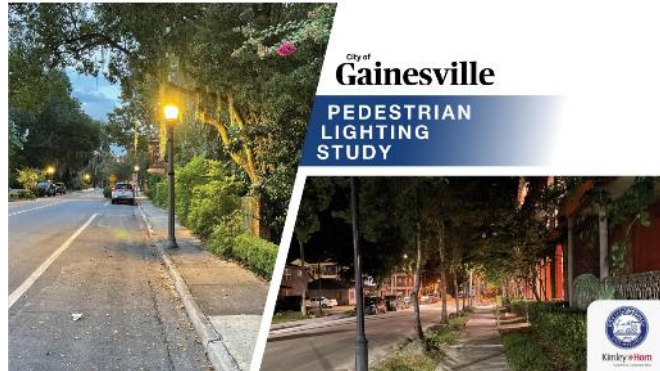
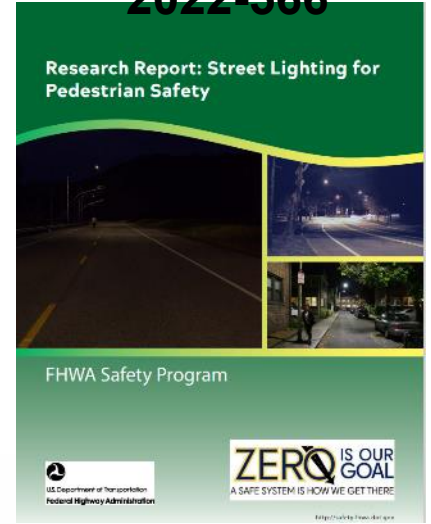
	average horizontal illuminance (footcandles)	average illuminance uniformity ratio	maximum to minimum uniformity ratio
U1 to U3 and any residential development	1.8	6:1	10:1
U4 to U7 and any mixed-use development	2.4	4:1	10:1
U8 to DT and any commercial development	2.5	4:1	10:1

	average horizontal illuminance (footcandles)	average illuminance uniformity ratio
residential development	1.2	6:1
mixed-use development	1.8	6:1
commercial development	2.4	6:1

REFERENCE



2022-566



Illuminating
ENGINEERING SOCIETY

municode
★
CONNECTING YOU & YOUR COMMUNITY

- **Approve petition LD22-000089**
- **Moved by** Sphia Corugedo
- **Seconded by** Thomas Hawkins
- Carried Unanimously
- CPB 9/22/2022

Thank you!

