

## Luminaire Photometric Report

Filename: SLL003PC-400-TPW-005

Manufacturer: LEDTRONICS -

Luminaire: WITH CLEAR LENS, 120VAC, 21.1W

Luminaire Cat: SLL003PC-400-TPW-005

Lamp: . LUMEN RATING: 1690.0Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 1690

Max Candela: 576.0 at Horizontal: 0, Vertical: 0

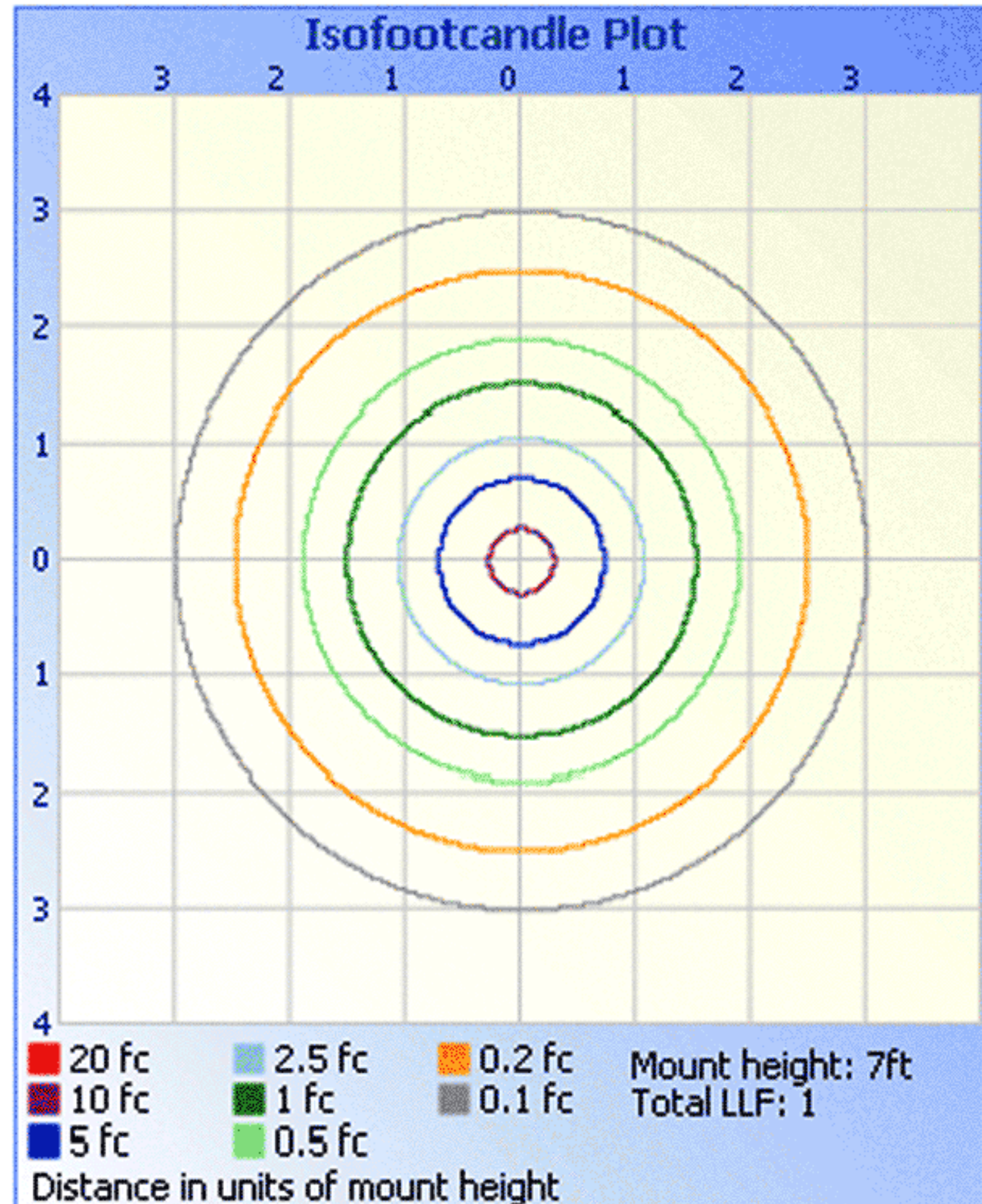
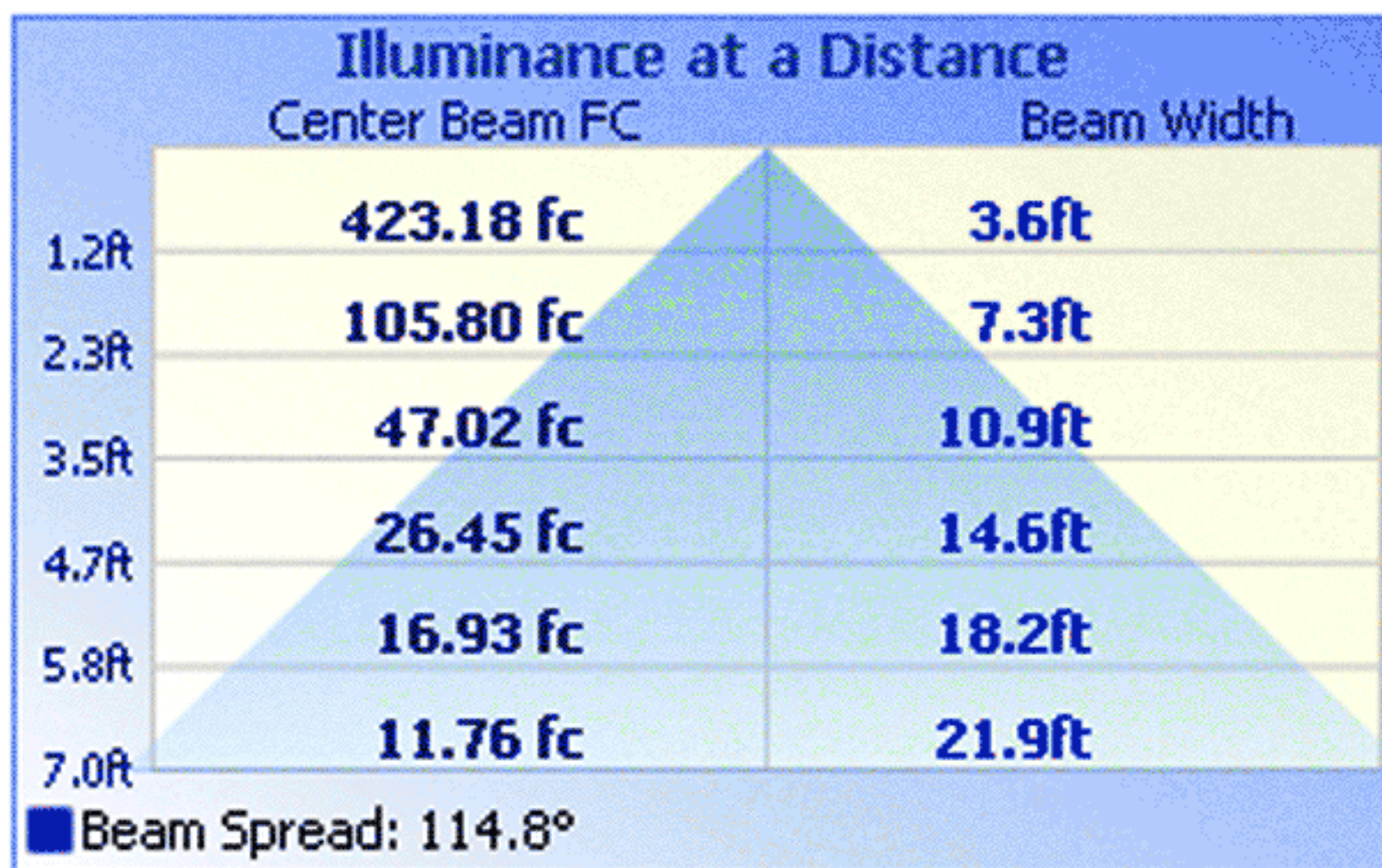
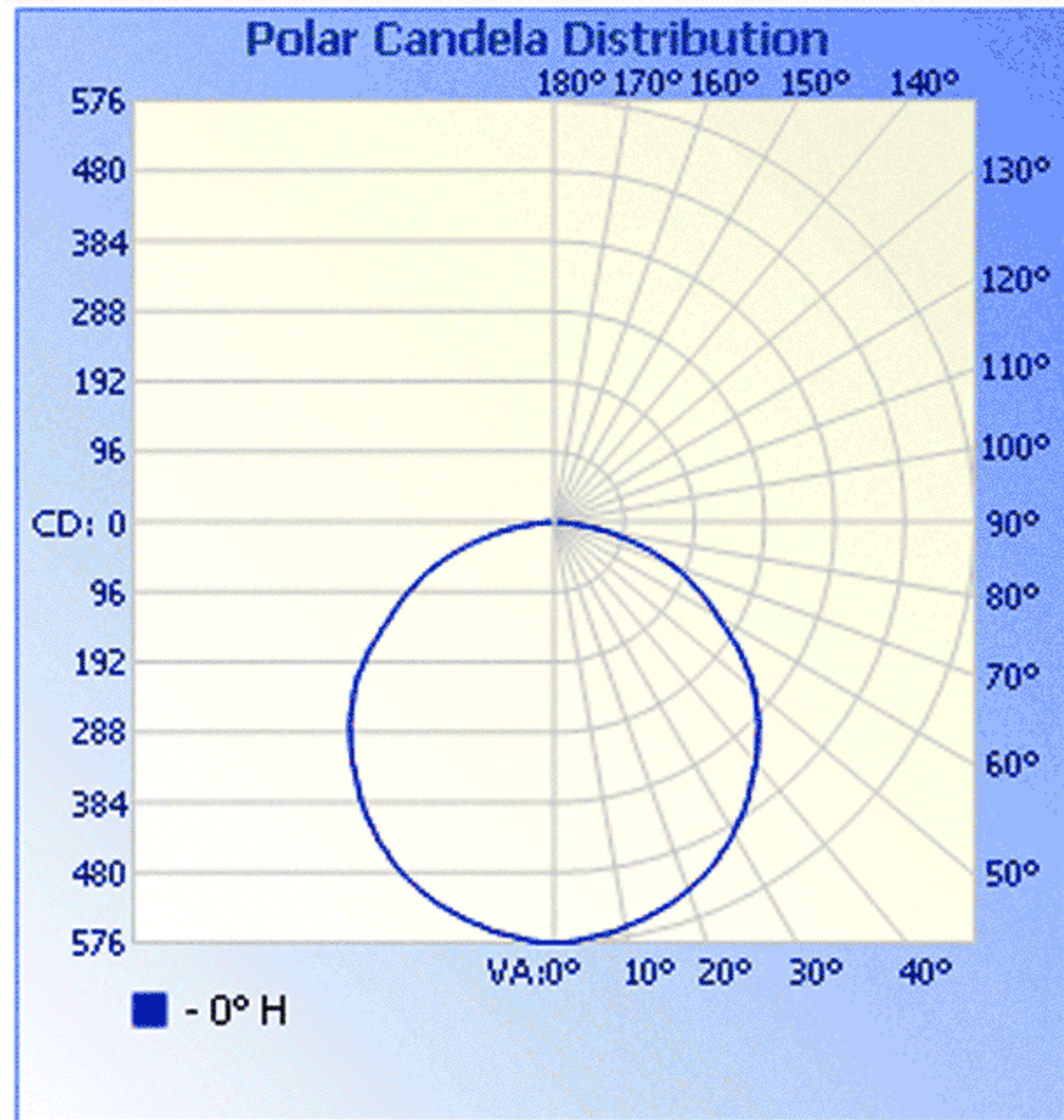
Luminous Opening: Point

Test: 12-18-09

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	447.8	26.5%	26.5%
0-40	736.6	43.6%	43.6%
0-60	1,317.8	78%	78%
60-90	372.2	22%	22%
0-90	1,690.0	100%	100%
0-180	1,690.0	100%	100%

Total Efficiency: 100%



<b>Roadway Illumination Guideline</b>			
<b>Classification</b>		<b>I.E.S. Lighting Standard</b>	
<b>Street</b>	<b>Area</b>	<b>Average Illuminance (Footcandles)</b>	<b>Illuminance Uniformity</b>
Major	Commercial	1.20	3.0 to 1
	Intermediate	0.90	3.0 to 1
	Residential	0.60	3.5 to 1
Collector	Commercial	0.80	3.0 to 1
	Intermediate	0.60	3.5 to 1
	Residential	0.40	4.0 to 1
Local	Commercial	0.60	6.0 to 1
	Intermediate	0.50	6.0 to 1
	Residential	0.30	6.0 to 1
Parking Lot	Open Space	0.5 – 2.0	4 : 1

- Notes:**
1. Source: Illumination Engineering Society of North America, "Lighting Handbook", 8th Edition, 1993.
  2. Footcandle is the amount of direct light thrown by one candle on a one square foot surface, every part of which is one foot away from the candle.
  3. Illuminance uniformity ratio is the average illuminance of the roadway design area between two adjacent areas divided by the lowest value at any point in the area.