

## LED LIGHT METER READINGS

Listed below are the light meter readings for the test LED streetlights

The readings were taken on the sidewalk behind the pole, underneath the light and across the street

All readings are in footcandles

These measurements are not meant to replicate computer modeling that calculates the average footcandles of light in a street per the IES Guidelines

### HICKORY TEST 1: 3000K and 35 watt & 30 watt

LED	behind	under	across	
36 Hickory	0.71	0.66	0.33	35 watt
32 Hickory	0.83	0.64	0.31	30 watt
26 Hickory	0.9	0.88	0.4	35 watt
24 Hickory	1.23	0.96	0.41	35 watt
18 Hickory	0.7	0.57	0.22	35 watt
16 Hickory	1.02	0.85	0.43	35 watt
10 Hickory	0.84	0.9	0.45	30 watt
4 Hickory	0.84	0.73	0.34	35 watt

### HICKORY Test 2: 24 and 19 watt/2700 and 3000 K

LED	behind	under	across	
36 Hickory	0.59	0.53	0.22	24 watt
32 Hickory	0.46	0.53	0.16	24 watt
26 Hickory	0.59	0.54	0.26	24 watt
24 Hickory	0.48	0.44	0.16	24 watt
18 Hickory	0.9	0.75	0.22	19 watt
16 Hickory	0.62	0.68	0.34	19 watt
10 Hickory	0.72	0.46	0.32	19 watt
4 Hickory	0.56	0.54	0.24	19 watt

### COLUMBIA @ corner of Hickory

HPS

	behind	under	across
	0.8	0.85	0.29

### ELM @ corner of Hickory

HPS

	behind	under	across	
	2.86	3.21	0.62	100 Watt
	1.86	2.97	1	100 Watt

### MONTGOMERY

HPS

	behind	under	across
Pine	1.08	2.12	0.66
	0.29	0.69	0.21
to	0.64	0.88	0.33
	0.97	0.85	0.39
Hickory	0.21	0.33	0.17

### OSWEGO 3000K and 35 watt

LED	*	under	across	
37		0.67	0.56	35 watt
43		0.62	0.52	35 watt
47		0.87	0.56	35 watt

\* no sidewalk

### ERIE 3000K and 35 watt

LED	behind	under	across	
722	1.22	1.33	0.6	35 watt
718	1.14	0.99	0.62	35 watt
716	0.98	0.9	0.52	35 watt
710	0.57	0.72	0.54	35 watt
706	0.55	0.6	0.54	35 watt
702	0.95	0.78	0.31	35 watt
700	0.55	0.93	0.62	35 watt

Please Note:

These measurements are not meant to replicate computer modeling that calculates the average footcandles of light in a street per the IES Guidelines