

Government of the District of Columbia

Department of Transportation



d. P3/Streetlights

Streetlight Advisory Panel Meeting

District Department of Transportation

55 M Street SE, Room 639

Tuesday, February 25, 2020

4:30 – 6:00 PM

Agenda

- I. Project Update from DDOT
 - a. Note: The January SAP meeting was cancelled due to an emergency conflict from our scheduled guest speaker.
- II. Presentation on P3 Roadway Lighting Principles
 - a. Jim Pagliaro, Senior Project Manager, Celtic Energy/NV5
 - i. Jim is a mechanical engineer with 12 years of experience in Energy Savings Performance Contract planning, development, and oversight.
 - ii. Jim has specific experience with LED lighting projects, including working with state DOT and municipal clients in North Carolina, Nevada, New York, Connecticut, and California.
- III. Panel Discussion on Future Agenda Items
- IV. Adjourn
 - a. The next meeting is scheduled for Tuesday, March 10, 4:30 – 6:00 PM.

LED Fixture Evaluation

GE Cobra Head 110W, 2700K Nebraska Ave (Pole# 38701DC - 38703DC)							
Members Names	Illumination Visibility	Lighting Uniformity	Glare Control	Backlight Control	Color/ Object Appearance	Aesthetics	Safety
Sharon	9	8	3	5	8	7	9
Laura	10	10	3	5	8	5	10
Kathryn	9	5	1	2	3	3	8
Delores	6	6	3	N/A	6	3	4
Amanda	4	4	2	5	9	3	5
Duilio	4	8	4	N/A	9	8	9
David	5	5	1	1	5	2	6
Average:	6.7	6.6	2.4	3.6	6.9	4.4	7.3

Cree Cobra Head 110W, 2700K Nebraska Ave (Pole# 38707DC - 38704DC)							
Members Names	Illumination Visibility	Lighting Uniformity	Glare Control	Backlight Control	Color/ Object Appearance	Aesthetics	Safety
Sharon	9	7	6	5	8	7	9
Laura	10	10	9	6	8	6	10
Kathryn	9	5	3	4	4	4	8
Delores	6	5	1	N/A	5	2	2
Amanda	9	8	6	5	9	8	9
Duilio	8	8	8	N/A	9	8	9
David	10	8	8	8	8	8	8
Average:	8.7	7.3	5.9	5.6	7.3	6.1	7.9

King Luminaire 100W, 3000K Volta PL. (Pole# 21027 - 21024)							
Members Names	Illumination Visibility	Lighting Uniformity	Glare Control	Backlight Control	Color/ Object Appearance	Aesthetics	Safety
Sharon	6	5	N/A	5	8	3	7
Laura	8	5	1	2	10	3	5
Kathryn	10	9	3	2	7	2	8
Delores	9	6	5	3	2	1	3
Amanda	9	8	8	5	7	9	9
Duilio	9	9	4	4	9	9	9
David	10	4	7	5	6	3	7
Average:	8.7	6.6	4.7	3.7	7.0	4.3	6.9

Spring City 100W, 3000K Volta PL. (Pole# 2A242 - 21023)							
Members Names	Illumination Visibility	Lighting Uniformity	Glare Control	Backlight Control	Color/ Object Appearance	Aesthetics	Safety
Sharon	6	5	N/A	5	9	4	9
Laura	8	5	4	2	9	3	6
Kathryn	9	9	4	3	8	4	8
Delores	9	6	8	4	4	2	5
Amanda	8	8	9	5	9	9	9
Duilio	9	9	4	4	9	9	9
David	10	8	8	8	8	8	8
Average:	8.4	7.1	6.2	4.4	8.0	5.6	7.7