



OUTDOOR LIGHTING STANDARDS COMMITTEE
MEETING MINUTES

MEETING HELD AT CITY HALL

March 23, 2011

7:00pm

MEMBERS PRESENT: Ralph Mossman (conduction), Tony Goe, August Christensen, Greer Jones and Carl Jordan.

OTHERS PRESENT: Doug Self, Driggs Planning and Zoning Administrator.

1) Approval of Minutes

Carl Jordan requested a change in wording on a statement regarding lighting and crime studies. August Christensen moved to approve the minutes. Carl Jordan seconded the motion. The motion passed with all in favor.

2) Recap of Walking Tour

August asked if one lighting color was better than another and noted that Wells Fargo lights seemed 'out of control', but the measured levels were legal. August added that another interesting aspect was the large percentage (Carl recalled 50%) of light reflecting off of the snow. Ralph Mossman recalled the experiment at the Post Office and how the detail (needles) on a foreground bush became apparent when the wall pack light was shielded with a hand. August added that a fully shielded fixture, eliminating glare, seemed like a critical standard.

3) Discussion of Lighting and Safety Literature

Tony Goe stated that some of the European studies might not be applicable and suggested the Committee consider acquiring the Lighting Handbook from the IESA. Tony added that he would join the organization Crime Prevention Through Environmental Design, and share their information on lighting.

4) Review of Draft Ordinance Provided by Carl Jordan

Ralph Mossman asked the members to review and comment on the structure of the draft ordinance. August suggested that a guide will be necessary to interpret or introduce the regulations to the public. Carl Jordan stated that he did not want to have an overly prescriptive ordinance, but to deal objectively with the ordinance objectives, such as preventing glare. Carl stated that the heart of the regulations is in the purpose, and brought up minimization of the nonessential consumption of electrical energy. Tony Goe responded that he did not want to see the regulations telling people that they could not use a certain amount of electricity if that's what they wanted to do. Doug Self suggested that the word 'encourage' can be used in such cases.

Ralph requested the committee respond to the structure of the ordinance at this point.

Tony stated that the word 'performance' could be deleted from the phrase 'performance standards'. The committee agreed to think about this word.

REVIEW OF SECTION I. REGULATORY PURPOSE

Ralph suggested adding a purpose to educate the public, and to not burden the public with regulations. Tony Goe suggested striking the word 'regulatory' from the section title. The majority of members agreed with this deletion.

Ralph requested to strike the word electrical under item (b).

Ralph questioned whether the city would want to require replacement of existing fixtures.

The Committee discussed the idea of adding an 'education' related purpose statement.

The Committee discussed energy consumption practices in town. Tony suggested different standards between commercial/public and residential/private restrictions on time restrictions.

Greer Jones suggested that (b) be changed to read "Encourage the conservation of natural resources by minimizing the nonessential consumption of energy."

Tony Goe asked Carl what he meant under Paragraph 2, Sentence 1, and suggested changing "impose adverse burdens" to "have adverse affect". The committee accepted the change.

Carl Jordan asked if one purpose should be to become a designated dark sky community. Tony Goe stated that (e) was worded well and captured the dark sky intention. August observed that it was surprising that dark sky standards were not required of communities next to a national park.

DEFINITIONS

- Color Temperature. The Committee discussed how to possibly improve this definition for the general public. Carl stated that a technical definition was necessary to support the ordinance regulations. August stated that she did not find in the ordinance that there was a direction on which was a better light color. Carl stated that lower level lighting applications such as street lighting should be blue so that your rods are activated. Tony added that in security lighting, the whiter (bluer) light was more useful to obtain color details, and that in a commercial / downtown area the whiter lights allow the color of buildings to reflect and creates a more attractive environment. August stated that there was a negative, harsher feeling with the bluer lights.

- Directional axis of light: August suggested deleting 'locus'.

Carl stated that all of the definitions typically relate to fixtures and to the various design aspects of a fixture – how the fixture throws light. Carl stated that one goal was to allow staff to go out in the day to enforce the ordinance because the regulations are attached to the fixture, with the exception of lighting level, which may require a nighttime illumination measurement.

- Fixture – Ralph asked if ‘fixture’, ‘lighting unit’, and ‘light source’ were the same and suggested removing lighting unit and lighting source. Carl agreed with these changes.
- Floodlight and Spotlight – Ralph suggested defining beam-spread angles.
- Fully shielded fixture – Ralph suggested deleting this term.
- Kelvin – Ralph suggested placing the last sentence first in the definition and removing the middle sentence. The committee agreed
- Lamp string – Ralph suggested that the definition should account for simple housings

Ralph suggested defining ‘shielding’ or ‘shielded’. Carl stated that he does not define ‘full shielded’ because it needs context, and that a fixture would be ‘fully shielded’ if it met the standards of the ordinance. Carl stated that a fixture could be fully shielded in a number of ways.

Discussion of lamp strings definition occurred at length.

August moved to appoint a subcommittee of Carl and Ralph to work with Doug on the definitions section. Tony Goe seconded the motion. The motion passed with all in favor.

August moved to adjourn the meeting and to schedule the next meeting for Wednesday, March 30th, at 6:30pm.

Tony Goe seconded the motion to schedule the next meeting for the following Wednesday at 6:30pm, and to adjourn. The motion passed with all in favor.

The meeting adjourned at 9:00pm.