

TOWN OF PARADISE VALLEY

Lighting

Town Council
May 25, 2017



Mayor and Council #1 Value Goal

- Maintaining and improving the Paradise Valley quality of life

Quality of Life Initiatives

- Bicycle and Pedestrian Master Plan
- Design Criteria for Visually Significant Corridors
- Noise Ordinance – Construction noise and leaf blowers
- Hillside Code
- **Lighting Code**
- Wall Code
- Sign Code for private property
- Blight



Purpose

- At the Council Retreat there was consensus to:
 - “Preserve low light level conditions while realizing lighting is necessary for safety, security, and enjoyment of outdoor living”.



20 Years since last comprehensive update

- Outdated and does not reflect current standards
- “Housekeeping” needed:
 - addition of definitions, purpose, and clarifications.



Previous Scope

- Inclusion of lumen measurements
- Revisions to:
 - Security lighting standards
 - Entry door lighting
 - Driveway marker lighting
 - Timeframe for Holiday lights
- Addition of standards for:
 - Pole lighting
 - String and bulb lighting
 - Rope lighting
 - Tree lighting
 - Outdoor chandeliers
 - Kelvin measurements
 - Lux measurements
- 12 Public Meetings
- 13 Months of Study
- Recommendation from PC sent to Council
- Council sent back to PC for further study
 - Explore not regulating types of luminaires and/or lumens; limit footcandles/lux at the property line.
 - Allow String & bulb lights
- PC not in full agreement with Council direction
- No Consensus / Philosophical differences

Addition of numerous definitions

Addition of numerous diagrams



Additions

Purpose Statement

Preserve low light level conditions that minimize light pollution, while maintaining adequate lighting for safety, security, and enjoyment of outdoor living

Definitions

Footcandle, Lumens, Luminaire, Lux, Opaque, Partially Shielded (Partial Cut-Off), Safety Lighting, Security Lighting

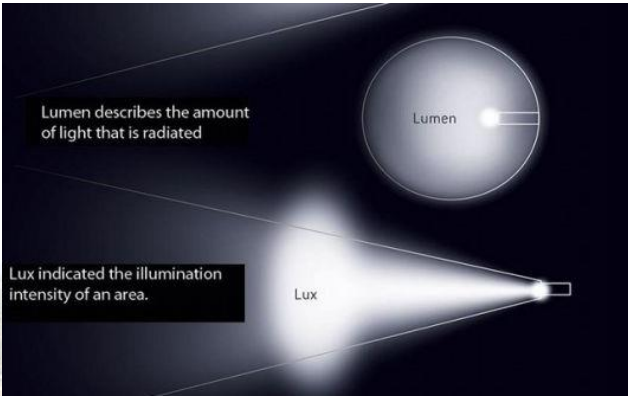
Provision for holiday lights

Replicates Hillside restrictions on temporary holiday lighting and permits them between October 15th and January 15th

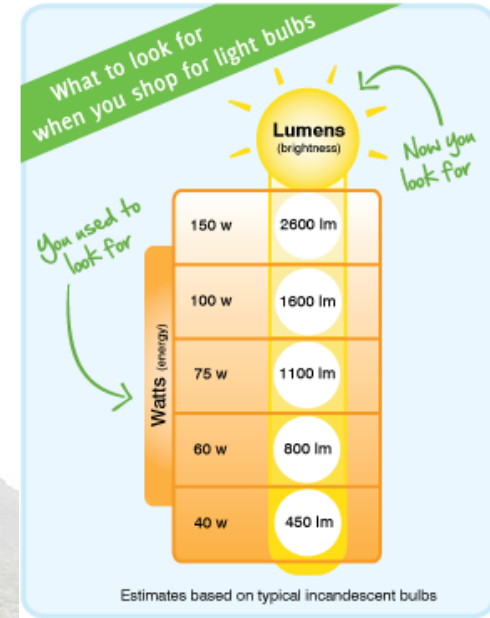


Technical Revisions

- Wattage changed to lumens
- Light measurements can be computed in both foot-candles and Lux.

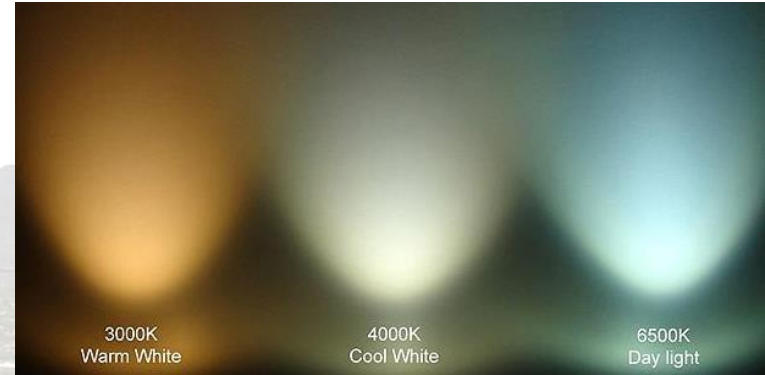


Watts measure the amount of energy required to light products, whereas lumens measure the amount of light produced



Signs

- Kelvin measurement added to prevent bright, blue/white lighting
- Sign lighting permitted only during business hours
- Non-opaque, back lit signs now prohibited



Questions?

