

# TOWN OF PARADISE VALLEY

## Lighting

Town Council  
June 8, 2017



# Mayor and Council #1 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- Outdated and does not reflect current standards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

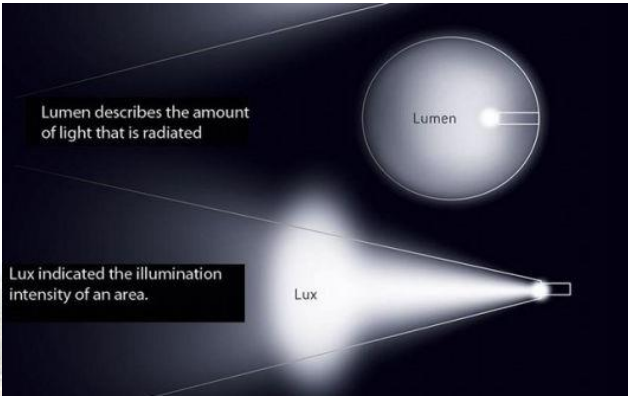
## Provision for holiday lights

Temporary holiday lighting shall be permitted between October 15<sup>th</sup> and January 15<sup>th</sup>

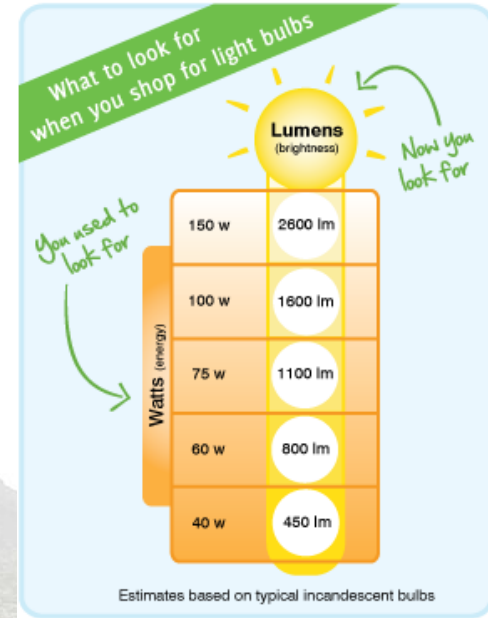


# Technical Revisions

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

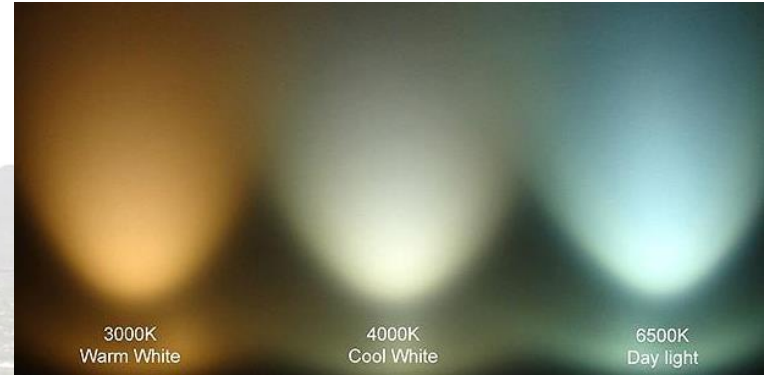


Watts measure the amount of energy required to light products, whereas lumens measure the amount of light produced



# Signs

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





# Recommendation

- Approval of Ordinance # 2016-04 Lighting Code Revisions to Article 10 Height and Area Regulations, Section 1023 Outdoor Lighting and Illumination; Article 25 Signs, Section 2506 Lighting; and Special Use Permit Guidelines, Section 2 Lighting



# Questions?

