

Ordinance No. 832

AN ORDINANCE OF THE MAYOR AND COMMON COUNCIL OF THE TOWN OF PRESCOTT VALLEY, A MUNICIPAL CORPORATION OF ARIZONA, AMENDING ARTICLE 13-26a "OUTDOOR LIGHTING REQUIREMENTS" IN CHAPTER 13 'ZONING' OF THE TOWN CODE UPDATING OUTDOOR LIGHTING REQUIREMENTS FOR SECTION 14 (TOWN CENTER) AND ADDING STANDARDS FOR LIGHT EMITTING DIODE (LED) LIGHTING, PROVIDING THAT ALL OTHER CHAPTERS, ARTICLES AND SECTIONS OF THE TOWN CODE, NOT HEREIN AMENDED, SHALL REMAIN IN FULL FORCE AND EFFECT, PROVIDING THAT, IF ANY PROVISION IN THIS ORDINANCE IS HELD INVALID BY A COURT OF COMPETENT JURISDICTION, THE REMAINING PROVISIONS SHALL NOT BE AFFECTED BUT SHALL CONTINUE IN FULL FORCE AND EFFECT, AND PROVIDING THAT THIS ORDINANCE SHALL BE EFFECTIVE THIRTY (30) DAYS AFTER ITS PASSAGE AND APPROVAL ACCORDING TO LAW

WHEREAS, the Mayor and Common Council of the Town of Prescott Valley passed and approved Ordinance No 276 on June 11, 1992, adopting by reference a document declared by Resolution No 442 to be a public record, which public record (among other things) enacted a new Article 7-9 "Outdoor Lighting Code" in Chapter 7 which regulated outdoor lighting so as to protect the community's "dark sky" by limiting light pollution, and

WHEREAS, the Mayor and Council then passed and approved Ordinance No 485 on May 28, 2000, to (among other things) amend Article 7-9 "Outdoor Lighting Code" of Chapter 7 in order to adopt, to the extent possible, the same and similar uniform technical code versions and amendments thereto as those in other jurisdictions in Central Yavapai County, and

WHEREAS, in light of the continued growth of Prescott Valley, Town staff then researched the advisability of adopting a new lighting code consistent with Town policy and Council actions in order to ensure minimal light pollution, reduce glare, and retain the enjoyment of Prescott Valley's night-time quality but still allow for necessary commercial services and development in the Town [particularly the Town Center (Section 14)], and

WHEREAS, on May 9, 2002, The Mayor and Common Council of the Town of Prescott Valley passed and approved Ordinance No 521, repealing Article 07-07 "Outdoor Lighting Code" of Chapter 7 of Town Code and replacing said Article with Article 13-26a "Outdoor Lighting Requirements", and

WHEREAS, on June 15, 2017, The Mayor and Common Council recommended to staff updating Article 13-26a "Outdoor Lighting Requirements" to amend the currently required "Town Standard" lighting in Section 14 (Town Center) and update portions of the Outdoor Lighting Requirements to accommodate changing lighting technologies and include LED standards

WHEREAS, the Prescott Valley Planning and Zoning Commission held a public hearing on the proposed amendments at its regular meeting held July 10, 2017 and voted thereafter to forward the same to the Town Council with a recommendation of approval, and

WHEREAS, the Town Council has considered this recommendation at its regular meetings held on July 27, 2017, and August 10, 2017, and

WHEREAS, the Town Council finds that the proposed amendments conform to the Town's *General Plan 2025* and are designed to help preserve the peace, health and safety of the community, and

WHEREAS, the Town Council further finds that the procedures required by A R S §§9-462 03 and 9-462 04 (and by Article 13-30 of the Prescott Valley Town Code) have been complied with in connection with this zoning action,

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND COMMON COUNCIL OF THE TOWN OF PRESCOTT VALLEY, ARIZONA, AS FOLLOWS

SECTION 1 That Section 13-26a-030 "Definitions" in Article 13-26a "OUTDOOR LIGHTING REQUIREMENTS" in Chapter 13 "ZONING" of the Town Code of the Town of Prescott Valley, is hereby amended to read as follows:

13-26a-030 Definitions.

A The following terms apply

91 "Catalog Cut" means a technical illustration provided by a manufacturer showing the cross-section of the complete fixture

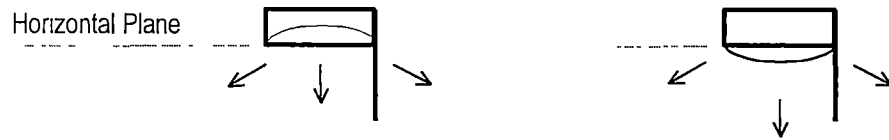
2 "CCT or Color Correlated Temperature" means the equivalent color of a heated metal object to the accompanying temperature in Kelvin Scale (K).

83 "Fixture Height" means the height measured from the top of a light fixture to the adjacent grade at the base of the support for that light fixture

124 "Flood Light" means a specific form of lamp designed to direct its output in a specific direction (a beam) with a reflector formed from the glass envelope of the lamp itself, with a clear or nearly clear glass envelope. Such lamps are so designated by the manufacturers and are typically used in residential outdoor area lighting

- 5 "Foot-Candle (fc)" means one (1) lumen per square foot unit of Illuminance It is the luminous flux per unit area in the Imperial system One foot-candle equals approximately 0.1 lux
- 16 "Fully-Shielded" means outdoor light fixtures shielded or constructed so that all of the light rays emitted by the fixture are projected below a horizontal plane passing through the lowest point on the fixture from which light is emitted "Fully-Shielded" shall also conform to cutoff guidelines defined by IESNA as "the candlepower per 1000 lumens does not numerically exceed 25 (2.5%) at an angle of 90° above (nadir) horizontal, and 100 (10%) at a vertical angle of 80° above nadir" Drop or sag lens type fixtures shall not be allowed

	Shielded Fixture	Prohibited, Drop or Sag
Lenses		



- 67 "Horizontal Foot-Candle (hfc)" means the Illuminance measured by a light meter at the adjacent grade of the fixture or building on which it is attached, unless otherwise specified
- 48 "IESNA (IES)" means Illuminating Engineering Society of North America
- 39 "Illuminance" means the intensity of light in a specified direction measured at a specific point
- 1410 "Individual" means any private individual, tenant, lessee, owner, or any commercial entity including, but not limited to, companies, partnerships, joint ventures or corporations
- 11 "Lamp or Bulb" means a source of light
- 12 "LED" means Light Emitting Diode
- 213 "Light Fixture" means the complete lighting assembly (including the lamp, housing, reflectors, lenses and shields), less the support assembly (pole or mounting bracket) Light Fixture shall also mean Luminaire as referenced by IESNA
- 714 "Lumen" means a unit measurement to define the total output of light for a particular light fixture or lamp, and is specified by the manufacturer

~~1315~~ "Recreational Facilities" means public, municipal or private facilities designed and equipped for the conducting of sports, leisure time activities, and other customary and usual recreational activities. Outdoor Recreational Facilities include, but are not limited to, fields or stadiums for softball, baseball, football, soccer, golf, driving ranges and other "field sports," and courts for tennis, basketball, volleyball, handball and other "court sports."

~~1016~~ "Town Standard" street lighting means the ~~Bega 8081, 8082 and 8085 LSI (Model XCN4 3000K)~~ light fixture models

(Ord No 521, Enacted, 05/09/02, Ord No 832, Amended, 08/10/17)

SECTION 2. That Section 13-26a-040 "Lighting Standards" in Article 13-26a "OUTDOOR LIGHTING REQUIREMENTS" in Chapter 13 "ZONING" of the Town Code, is hereby amended to read as follows

13-26a-040 Lighting Standards.

A General lighting standards (unless specified elsewhere)

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2 Light fixture types shall be regulated as follows

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c Incandescent, fluorescent, high pressure sodium (HPS), low pressure sodium (LPS), ~~and quartz,~~ and LED fixtures are allowed in all zoning districts, subject to all other provisions of this Article

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C The installation of freestanding light fixtures shall be governed by the following

1 Freestanding light fixtures shall be LED, HPS or LPS only (unless specified elsewhere), and all such fixtures are subject to the light trespass standards of Section 13-26a-060 and the lighting level standards of Section 13-26a-070

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(Ord No 521, Enacted, 05/09/02, Ord No 832, Amended, 08/10/17)

SECTION 3 That Section 13-26a-050 "Town Center (Section 14) Lighting Standards" in Article 13-26a "OUTDOOR LIGHTING REQUIREMENTS" in Chapter 13 "ZONING" of the Town Code, is hereby amended to read as follows

13-26a-050 Town Center (Section 14) Lighting Standards.

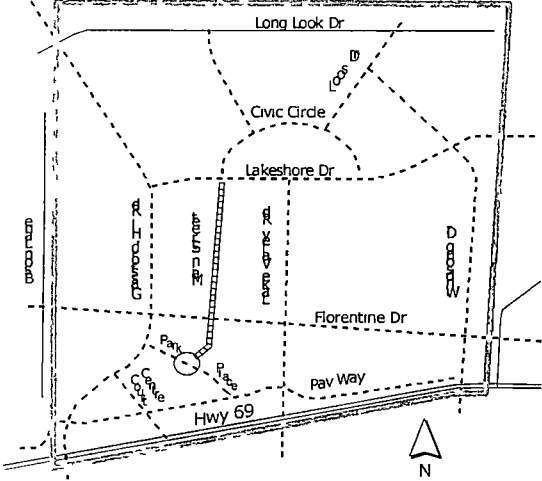
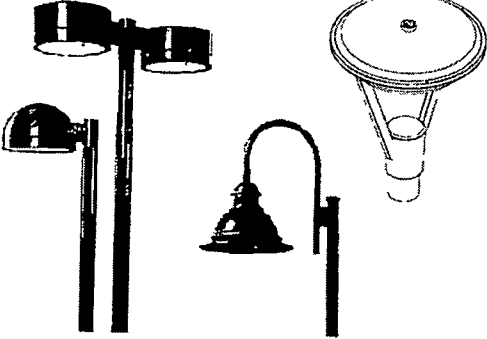
A Arterial Streets

- 1 The illustration in Subsection 13-26a-050(E) below depicts those arterial streets that will utilize the light fixture manufactured by ~~Bega (Models 8081, 8082 & 8085)~~ LSI (Model XCN4 3000K) as the "Town Standard" (or a substantially similar fixture as to type and color as approved by the Town Manager)

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E Illustrations

 <p>..... Arterial Lighting Standards as defined in Section 13-26a-050 ----- "Main Street" Lighting Standards as defined in Section 13-26a-050 <i>Lighting for other future streets in the Town Center (Section 14), and for on-site applications, may allow for other architectural fixtures per the provision of Section 13-26a-060(B)</i></p>	 <p>Gardco "Main Street" "Town Standard" Hardtop Lumec fixture <u>Bega</u> <u>Constitution XCN4</u> fixture Series by Lum <u>LSI</u></p>
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(Ord No 521, Enacted, 05/09/02, Ord No 832, Amended, 08/10/17)

SECTION 4 That Section 13-26a-070 "Lighting Level Guidelines" in Article 13-26a "OUTDOOR LIGHTING REQUIREMENTS" in Chapter 13 "ZONING" of the Town Code, is hereby amended to read as follows

13-26a-070 Lighting Level Guidelines.

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C Parking Lots and Freestanding Light Fixtures

- 1 Only LED, HPS or LPS light fixtures shall be used for parking lots and freestanding light fixtures. The lighting systems for parking lots shall be so designed as to produce an average maintained light level on the horizontal pavement surface that does not exceed an average of two and one-half (2.5) fc and the maximum-to-minimum uniformity ratio shall not exceed twenty to one (20:1) with a maximum level of ten (10) fc. Additionally, a CCT of < 3500K shall be maintained for all LED lighting.

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(Ord No 521, Enacted, 05/09/02, Ord No 832, Amended, 08/10/17)

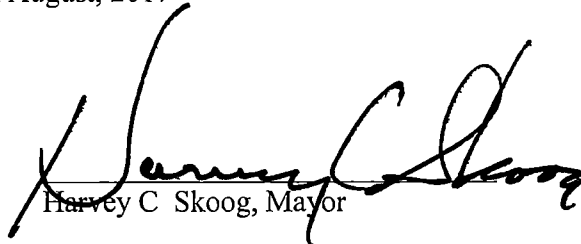
SECTION 5 That all other Chapters, Articles and Sections of the Town Code, not herein amended, shall remain in full force and effect

SECTION 6 That, if any provision in this Ordinance is held invalid by a Court of competent jurisdiction, the remaining provisions shall not be affected but shall continue in full force and effect

SECTION 7 That this Ordinance shall be effective thirty (30) days after its passage and approval according to law

PASSED AND APPROVED by the Mayor and Common Council of the Town of Prescott Valley, Arizona, this 10th day of August, 2017




Harvey C. Skoog, Mayor


Diane Russell, Town Clerk

APPROVED AS TO FORM


Ivan Legler, Town Attorney