

RESULT SHEET

Date: 10/18/2016

Case No./Name: 07-16ZT2 CZO Text Amendments (Glare)

A. STAFF STIPULATIONS AND RECOMMENDATIONS

Staff recommends **APPROVAL** as submitted.

City Code of Ordinances

Sec. 92.56. - Nuisance Glare.

No use or operation shall be located or conducted as to produce intense glare or direct illumination across the bounding property line from a visible source of illumination, nor shall any light be of such intensity as to create a nuisance or detract from the use and enjoyment of adjacent properties. For the purposes of this section, glare or direct illumination in violation of the Comprehensive Zoning Ordinance, Article XXVII, Section B Glare, (D)(1) shall constitute a nuisance.

- ~~(A) For the purposes of this section, nuisance glare shall be defined as more than two-tenths (0.2) of one foot-candle of light vertically measured five feet above ground level at the property line shining onto any adjacent residentially zoned property, and, more than four-tenths (0.4) of one foot-candle of light vertically measured five feet above ground level at the property line for all other areas.~~
- ~~(B) All luminaires shall be so arranged as to reflect the illumination away from any residentially zoned property. Such luminaires shall not distribute more than two-tenths (0.2) of one foot-candle of light upon any adjacent residentially zoned property.~~
- ~~(C) All luminaires shall be placed, shielded or otherwise arranged such that illumination or glare shall not create a hazard to motorists on any street, alley or public way.~~
- ~~(D) Exemptions. The following shall be exempted from this section:~~
 - ~~(1) Lighting installed for public benefit on public rights-of-way, parks and public recreation areas;~~
 - ~~(2) Emergency lighting by police, fire and/or municipal, state or federal government authorities.~~

~~(Ord. 3464, passed 12-6-2011)~~

Comprehensive Zoning Ordinance

ARTICLE XXVII PERFORMANCE STANDARDS

SECTION B. GLARE

The purpose of this section is to minimize glare, sky glow, light trespass and excessive energy consumption to attain effective outdoor lighting through the use of appropriate lighting fixtures, practices and systems, while maintaining safety, security and productivity.

- (A.) Light fixtures shall be hooded or a lighting source with a seal of approval for dark sky compliance or its equivalent as determined by the City Manager or designee shall be installed;
- (B.) Light fixtures of any kind shall be configured on building facades oriented 90 degrees downward from any arterial street, as shown on the adopted Transportation Plan.
- (C.) Adjustable wall-mounted fixtures shall be mounted with shielding placed such that light is projected downwards with spillage no greater than 45-degrees from the face of the building.
- (D.) Light and Glare Standards:
 - (1) There shall be no more than two tenths (0.2) of one (1) foot candle of light vertically measured five (5) feet above grade or more at the property line shining onto any adjacent residential uses or zoned property, and, more than four-tenths (0.4) of one (1) foot candle of light vertically measured five (5) feet above grade or more.
 - (2) The use of mercury vapor lamps as a light source shall be prohibited.
 - (3) All luminaires on property zoned or used for commercial or multi-family residential purposes visible from any street shall be so designed as to have the light source fully shielded from direct view at a point five (5) feet or greater above grade at the property line.
 - (4) All luminaires on property zoned or used for commercial or multi-family residential abutting property used or zoned Single-Family Residential District shall be so designed as to have the light source fully shielded from direct view five (5) feet or greater above grade at the property line.
- (E.) The following shall be exempted from this Section:
 - (1) Lighting installed by a governmental agency for public benefit on public right-of-ways, parks and public recreations areas.
 - (2) Emergency lighting by policy, fire and or municipal, state or federal governmental authorities.
 - (3) All approved public and private school ball fields. Lighting for these outdoor recreational uses shall be shielded to comply with the limitations on neighborhood properties.
 - (4) Outdoor advertising signs constructed of translucent or other materials and wholly illuminated from within do not require such shielding.

(5) Temporary lighting as approved for special events.

(F.) Any addition, replacement, or substantial change to the existing lighting system shall, comply with the provisions of this article.

Replaces:

ARTICLE XXVII PERFORMANCE STANDARDS

SECTION B. GLARE

- ~~1. No use or operation in any district shall be located or conducted as to produce intense glare or direct illumination across the bounding property line from a visible source of illumination, nor shall any light be of such intensity as to create a nuisance or detract from the use and enjoyment of adjacent properties. For the purposes of this section, a nuisance shall be defined as more than two tenths (0.2) of one (1) foot candle of light vertically measured five (5) feet above ground level at the property line shining onto any adjacent residentially zoned property, and, more than four tenths (0.4) of one (1) foot candle of light vertically measured five (5) feet above ground level at the property line for all other areas.~~
- ~~2. All luminaires on property zoned or used for commercial or multi family residential purposes visible from an arterial street as designated by the City of Carrollton Transportation Plan shall be so designed as to have the light source fully shielded from direct view at a point five (5) feet above grade at the property line.~~
- ~~3. All luminaires on property zoned or used for commercial or multi family residential purposes abutting a residentially zoned property shall be so designed as to have the light source fully shielded from direct view at a point three (3) feet above grade at the property line that abuts a residentially zoned property.~~
- ~~4. All luminaires shall be so arranged as to reflect the illumination away from any residentially zoned property. Such luminaires shall not distribute more than two tenths (0.2) of one (1) foot candle of light upon any adjacent residentially zoned property.~~
- ~~5. All luminaires shall be placed, shielded or otherwise arranged such that illumination or glare shall not create a hazard to motorists on any street, alley or public way.~~
- ~~6. The use of mercury vapor lamps as a light source shall be prohibited.~~
- ~~7. The following shall be exempted from this Section:
 - ~~a. Lighting installed for public benefit on public rights-of-way, parks and public recreation areas;~~
 - ~~b. Emergency lighting by police, fire and/or municipal, state or federal government authorities.~~~~
- ~~8. New luminaires added to existing or new structures after January 1, 2012 shall comply with this Section upon installation. This Section shall not be enforced until after January 1, 2017 for luminaires in existence on January 1, 2012. After January 1, 2017 all luminaires shall be in full compliance.~~

(Ord. No. 3467, 12/06/11)

- B. P&Z RECOMMENDATIONS** from P&Z meeting: 09/01/2016
Result: **Approved Article XXVII Performance Standards, Section B Glare** /Vote:
8-0 (Nesbit Absent)
- C. CC PUBLIC HEARING and ORDINANCE ACTION** from CC meeting: 10/18/2016
Result: /Vote: