

ORDINANCE NO. 20-03-111

AN ORDINANCE OF THE CITY COMMISSION OF LAUDERHILL, FLORIDA AMENDING THE LAND DEVELOPMENT REGULATIONS PERTAINING TO LIGHTING REQUIREMENTS AND STANDARDS; AMENDING SCHEDULE P - DESIGN STANDARDS AND GUIDELINES, SECTION 8 – LIGHTING STANDARDS; AND AMENDING ARTICLE III, ZONING DISTRICTS, SECTION 6.9 – LIGHTING STANDARDS, REQUIREMENTS, AND CONSERVATION, SUB-SECTION 6.9.4, LIGHTING CONSERVATION, IS HEREBY AMENDED TO ADD SUBPARAGRAPH (G); PROVIDING FOR FINDINGS AND CONCLUSIONS; PROVIDING FOR CONFLICTS; PROVIDING FOR AN EFFECTIVE DATE (REQUESTED BY INTERIM CITY MANAGER, DESORAE GILES-SMITH).

WHEREAS, Staff has identified a need to add provisions to the Land Development Regulations regarding City-Wide Lighting Requirements and Standards in order to be in line with standards established by the International Dark-Sky Association (IDA) which is already referred to as the standard that the City of Lauderhill strives to adhere to as provided within Schedule P. - Design Standards and Guidelines, Section 8 – Lighting Standards; and

WHEREAS, the objective of this ordinance amendment is to amend Schedule P. - Design Standards and Guidelines, Sec. 8. - Lighting Standards and to amend Article III, Zoning Districts, Section 6.9 - Lighting Standards, Requirements, and Conservation by adding Sub-Section 6.9.4.G; and

WHEREAS, the Planning and Zoning Board considered and approved this Ordinance at its meeting on February 25, 2020; and

WHEREAS, Staff recommends approval of this Ordinance to be codified into the Land Development Regulations;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF LAUDERHILL, FLORIDA:

SECTION 1. Land Development Regulations (LDR), Schedule P. - Design Standards and Guidelines, Section 8. - Lighting Standards is amended to read as follows:

Sec. 8. - Lighting standards.

A well coordinated lighting system is a very effective way of establishing a sense of security and unity throughout the City of Lauderdale. Although the primary function of site lighting is to provide nighttime orientation and security, light fixtures become visible site elements that contribute significantly to the overall urban character. Light fixtures should therefore be cohesive, with thematic variations consistent between streetscape lighting, pedestrian lighting and any added decorative fixtures.

The City of Lauderdale strives to adhere to lighting guidelines established by the International Dark Sky Association (IDA). The guidelines outline ways to preserve and protect the night sky. The IDA recommends light bulbs and fixtures that abide by these standards. The City of Lauderdale urges new development and any amendments to existing development to utilize lighting design that is Dark Sky compliant.

As an added standard recommended by the International Dark Sky Association (IDA) regulations, all outdoor lighting shall have a color temperature of no more than 3000 Kelvins and be fully shielded. Exceptions to said requirement may be granted by process of site plan review for sports lighting, special entertainment districts, and other extraordinary circumstances with the approval of the City Manager.

Light fixtures must be scaled based on the spaces within which they are being implemented. In general, the larger the scale of the use, the higher the mounting light will be. The size of the fixture should also be in proportion to the height of the pole it is mounted on. Various uses require different types of lighting.

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SECTION 2. Land Development Regulations (LDR), Article III, Zoning Districts, Section 6.9 - Lighting Standards, Requirements, and Conservation, Section 6.9.4.G, Lighting conservation, is hereby amended to add subsection (G) to read as follows:

6.9.4. *Lighting conservation.* In order to reduce energy consumption, and reduce light pollution, the City of Lauderhill requires, as part of a review of any development within the City, the following requirements:

- A. Lighting systems shall reduce energy consumption to the maximum extent possible and shall satisfactorily illuminate the designated area as intended for safety and necessary visibility in order to provide the intended lighting of the premises. The City of Lauderhill may also require limitations as to the hours that particular lighting materials may be used if it is determined to be unnecessary for safety and necessary visibility, and the use of automatic timing devices to restrict the hours of illumination. Outdoor lighting shall utilize flat lens fixtures with an IES classification of full cut-off to minimize impacts from light pollution, including light trespass, glare and urban sky glow to preserve enjoyment of the night sky and minimize conflict caused by unnecessary illumination. Floodlighting through the use of any up light will not be permitted.
- B. Landscaping shall not be installed or maintained to the extent that it restricts light from reaching those areas it is intended to illuminate.
- C. A maximum of fifty (50) percent of the exterior surface of any building or structure may be comprised of reflective material that has a light reflectivity factor greater than thirty (30) percent.
- D. Reflective materials shall not be permitted where the Chief Building Official, Development Review Committee or Planning and Zoning Board determines that their use would contribute to light pollution, potential traffic hazards, diminished quality of riparian habitat, reduce enjoyment of public open space, or intensifies the concentration of heat in a particular area.
- E. Lighting systems shall be directed or shielded or both so that light does not create light pollution within public rights-of-way or surrounding properties. Light trespass shall be no greater than 0.5 FC (one-half footcandle) at the property line measured at grade.
- F. All outdoor exterior lighting fixtures must comply with EnergyStar certification requirements for Solid State Lighting Luminaires in force at the time of submittal for review.

- G. As an added standard recommended by the International Dark Sky Association (IDA) regulations, all outdoor lighting shall have a color temperature of no more than 3000 Kelvins and be fully shielded. Exceptions to said requirement may be granted by process of site plan review for sports lighting, special entertainment districts, and other extraordinary circumstances with the approval of the City Manager.

SECTION 3. Conflict. All ordinances or parts of ordinances, all resolutions or parts of resolutions in conflict herewith be and the same are hereby repealed as to the extent of such conflict.

SECTION 4. Codification. The provisions of this Ordinance shall become and be made a part of the City of Lauderdale, Florida Land Development Regulations; sections of this Ordinance may be renumbered or re-lettered to accomplish such intention; and the word "ordinance" may be changed to "article," "part," "section," or other appropriate word.

SECTION 5. Effective Date. This Ordinance shall take effect immediately upon its adoption.

DATED this _____ day of _____, 2020.

PASSED on first reading this _____ day of _____, 2020.

PASSED AND ADOPTED on second reading this _____ day of _____, 2020.

PRESIDING OFFICER

ATTEST:

CITY CLERK

FIRST READING

SECOND READING

MOTION
SECOND

M. BATES
H. BERGER
R. CAMPBELL
D. GRANT
K. THURSTON

