

Chapter 19.556 OUTDOOR LIGHTING¹

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19.556.080 Design and development standards.

- A. All outdoor lighting shall be designed and implemented to mitigate light trespass onto adjacent properties and comply with the following:
1. The correlated color temperature of all outdoor lighting shall be 3,000 Kelvin or less, with tolerance within the ANSI standard C78.377 of LED sources.
 2. Shall comply with the California Title 24 California Code of Regulations, Title 24, Parts 1, 2, 6 and 11.
 3. Shall comply with Table 19.556.080 A - Lighting Limits for Residential Including Multifamily Properties with Fewer than eight Units or Table 19.556.080 B - Lighting Limits for Nonresidential and Multifamily Residential Properties with eight Units or more.
 - a. Except that, the maximum mounting height of luminaires (above ~~finished~~ adjacent grade) shall not apply to fully recessed luminaires.
 - b. Except that, the maximum mounting height for buildings with exterior entrance doors shall be 12 feet above adjacent floor unless recessed into an adjacent ceiling, soffit or overhang.
 - c. Average illumination of a façade or edifice shall not exceed five footcandles (50 lux).
 4. Lighting shall be hooded or shielded so as to prevent either the spillage of lumens or reflection into the sky. Outdoor lighting shall be downward facing, except as may be specifically allowed herein.

Table 19.556.080 A - Limits for Residential Including Multifamily with Less than eight Units.

Restriction	Lighting Zone 0 (Zero)	Lighting Zone 1 (One)	Lighting Zone 2 (Two)	Lighting Zone 3 (Three)
Automatic Lighting Controls	Per Title 24 Part 6 Section 150.0(k.) 3. (A).iii.			
Maximum lumens per fully shielded luminaire	300	1000	2000	3000
Unshielded and decorative lighting	Prohibited	One per residence, not to exceed 300 lumens per residence	Two per residence, not to exceed 600 lumens per luminaire and 1000 lumens per residence	Three per residence, not to exceed 900 lumens per luminaire and 2000 lumens per residence

¹Editor's note(s)—Ord. No. 7447, § 1(Exh. A), adopted Nov. 27, 2018, repealed Ch. 19.556, §§ 19.556.010 and 19.556.020, and replaced in its entirety a new chapter 19.556, §§ 19.556.010—19.556.090, as set out herein. Former Ch. 19.556 pertained to lighting and derived from Ord. 6966 § 1, adopted in 2007.

Maximum mounting height of luminaires (above finished adjacent grade)	8 feet	12 feet	12 feet	25 feet
Landscape lighting maximum per luminaire	Prohibited	Downlight only, not to exceed 300 lumens	Downlight and/or shielded uplight, not to exceed 450 lumens	Downlight and/or shielded uplight, not to exceed 600 lumens
Landscape lighting maximum lumens per acre	0	6000	12000	18000
Architectural Floodlighting ¹	Prohibited	Prohibited	16000 lumens above horizontal plane of light source	20000 lumens above horizontal plane of light source
Maximum allowable light trespass ²	0	0.1 footcandle (1 lux)	0.2 footcandle (2 lux)	0.5 footcandle (5 lux)

1. Lumens represent maximum lumens per site development. Architectural floodlighting must comply with unshielded and decorative lighting restrictions, including maximum number of luminaires and lumens per residence.
2. Allowable light trespass shall be determined based upon the light zone in which the trespass occurs, not from which the light originates.

Table 19.556.080 B - Limits for Nonresidential and Multifamily Properties more than eight Units.

Restriction	Lighting Zone 0 (Zero)	Lighting Zone 1 (One)	Lighting Zone 2 (Two)	Lighting Zone 3 (Three)
Maximum Allowed Lighting Watts	Per Title 24 Part 6 Section 140.7			
Automatic Lighting Controls	Per Title 24 Part 6 Section 130.2 for nonresidential properties and for multifamily residential properties of 8 residences or more.			
Backlight, uplight and glare limits	BUG 0,0,0 only	Per Title 24 Part 11 Section 5.106.8		
Unshielded and decorative lighting	Prohibited	Prohibited	Maximum 600 lumens per luminaire, not to exceed 12000 lumens per acre.	Maximum 900 lumens per luminaire, not to exceed 18000 lumens per acre
Maximum mounting height of luminaires (above finished adjacent grade)	8 feet	25 feet		
Landscape lighting per luminaire	Prohibited	Downlight only, not to exceed 450 lumens	Downlight and/or shielded uplight, not to exceed 600 lumens	Downlight and/or shielded uplight not to exceed 900 lumens
Maximum landscape lighting lumens per acre	0	9000	12000	18000

Architectural Floodlighting ¹	Prohibited	Prohibited	20000 lumens above horizontal plane of light source	20000 lumens above horizontal plane of light source
Maximum allowable light trespass ²	0	0.1 footcandle (1 lux)	0.2 footcandle (2 lux)	0.5 footcandle (5 lux)

1. Lumens represent maximum lumens per site development. Architectural floodlighting must comply with unshielded and decorative lighting restrictions, including maximum number of luminaires and lumens per residence.
2. Allowable light trespass shall be determined based upon the light zone in which the trespass occurs, not from which the light originates.

(Ord. 7447 § 1(Exh. A), 2018)