

ORDINANCE NO. \_\_\_\_\_

ORDINANCE OF THE CITY OF CHULA VISTA  
AMENDING CHAPTER 15.26 OF THE CHULA VISTA  
MUNICIPAL CODE ADOPTING THE CALIFORNIA  
ENERGY CODE, 2019 EDITION

The City Council of the City of Chula Vista does ordain as follows:

**Section I. Amended Chapter 15.26**

That Chapter 15.26 of the Chula Vista Municipal Code is hereby amended to read as follows:

**Chapter 15.26  
ENERGY CODE**

Sections:

**15.26.010 California Energy Code, 2016-2019 Edition, adopted by reference.**  
**15.26.020 Outdoor lighting zones.**

**15.26.010 California Energy Code, 2016-2019 Edition, adopted by reference.**  
The City of Chula Vista adopts, by reference, that certain document known as the California Energy Code, 2016-2019 Edition, set forth in Title 24, Part 6, of the California Code of Regulations, as copyrighted by, and as may be amended from time to time by, the California Building Standards Commission. That California Energy Code is adopted as the energy code of the City of Chula Vista for the purpose of regulating building design and construction standards to increase efficiency in the use of energy for new residential and nonresidential buildings. Chapter 15.06 CVMC shall serve as the administrative, organizational and enforcement rules and regulations for this chapter.

**15.26.020 Outdoor lighting zones.**

Pursuant to Section 10-114 (c) of the California Code of Regulations, Title 24, Part 1, the city has adopted an outdoor lighting zones map amending state default lighting zones as applied to certain areas of the City. The location of outdoor lighting zones in the City are per the adopted Outdoor Lighting Zones Map, dated September 2, 2005 and kept on file with the City ~~Planning and Building~~Development Services Department.

~~**15.26.030 Reduced power allowances for specific outdoor lighting applications.**~~

~~A. Purpose and Intent. It is the purpose and intent of this section to provide standards for builders and developers of newly constructed and existing commercial buildings to exceed the minimum requirements of the 2016 California Building Energy Efficiency Standards for Residential and Non-Residential Buildings (California Code of Regulations, Title 24, Part 6) (“2016 Energy Efficiency Standards”) by requiring the~~

installation of more energy-efficient outdoor lighting for specific applications, in an effort to reduce greenhouse gas emissions from energy usage.

B. Requirements. Table 140.7-B of the 2016 Building Energy Efficiency Standards is amended by modifying the following rows below the header to read as follows. The remainder of Table 140.7-B is unchanged.

**Table 140.7-B: Additional Lighting Power Allowances for Specific Applications**

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
<b>WATTAGE ALLOWANCE PER APPLICATION. Use all that apply as appropriate.</b>					
<b>Building Entrances or Exits.</b> Allowance per door. Luminaires qualifying for this allowance shall be within 20 feet of the door.	Not applicable	9 watts	15 watts	19 watts	21 watts
<b>Primary Entrances to Senior Care Facilities, Police Stations, Hospitals, Fire Stations, and Emergency Vehicle Facilities.</b> Allowance per primary entrance(s) only. Primary entrances shall provide access for the general public and shall not be used exclusively for staff or service personnel. This allowance shall be in addition to the building entrance or exit allowance above. Luminaires qualifying for this allowance shall be	Not applicable	20 watts	40 watts	57 watts	60 watts

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
within 100 feet of the primary entrance.					
<b>Drive Up Windows.</b> Allowance per customer service location. Luminaires qualifying for this allowance shall be within 2 mounting heights of the sill of the window.	Not applicable	16 watts	30 watts	50 watts	75 watts
<b>Vehicle Service Station Uncovered Fuel Dispenser.</b> Allowance per fueling dispenser. Luminaires qualifying for this allowance shall be within 2 mounting heights of the dispenser.	Not applicable	120 watts	175 watts	185 watts	330 watts
<b>ATM Machine Lighting.</b> Allowance per ATM machine. Luminaires qualifying for this allowance shall be within 50 feet of the dispenser.	Not applicable	250 watts for first ATM machine, 70 watts for each additional ATM machine.			
	<b>WATTAGE ALLOWANCE PER UNIT LENGTH (w/linear ft). May be used for one or two frontage side(s) per site.</b>				
<b>Outdoor Sales Frontage.</b> Allowance for frontage immediately	Not applicable	No Allowance	11 W/linear	19 W/linear	25 W/linear

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
<p>adjacent to the principal viewing location(s) and unobstructed for its viewing length. A corner sales lot may include two adjacent sides provided that a different principal viewing location exists for each side. Luminaires qualifying for this allowance shall be located between the principal viewing location and the frontage outdoor sales area.</p>			ft	ft	ft
	<p><del><b>WATTAGE ALLOWANCE PER HARDSCAPE AREA (W/ft<sup>2</sup>).</b></del> May be used for any illuminated hardscape area on the site.</p>				
<p><del><b>Hardscape Ornamental Lighting.</b></del> Allowance for the total site illuminated hardscape area. Luminaires qualifying for this allowance shall be rated for 100 watts or less as determined in accordance with Section 130.0(d), and shall be post-top luminaires, lanterns, pendant luminaires, or chandeliers.</p>	Not applicable	No Allowance	0.02 W/ft <sup>2</sup>	0.04 W/ft <sup>2</sup>	0.06 W/ft <sup>2</sup>
	<p><del><b>WATTAGE ALLOWANCE PER SPECIFIC AREA (W/ft<sup>2</sup>).</b></del> Use as appropriate provided that none of the</p>				

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
	following specific applications shall be used for the same area.				
<del><b>Building Facades.</b> Only areas of building facade that are illuminated shall qualify for this allowance. Luminaires qualifying for this allowance shall be aimed at the facade and shall be capable of illuminating it without obstruction or interference by permanent building features or other objects.</del>	<del>Not applicable</del>	<del>No Allowance</del>	<del>0.100 W/ft<sup>2</sup></del>	<del>0.170 W/ft<sup>2</sup></del>	<del>0.225 W/ft<sup>2</sup></del>
<del><b>Outdoor Sales Lots.</b> Allowance for uncovered sales lots used exclusively for the display of vehicles or other merchandise for sale. Driveways, parking lots or other non-sales areas shall be considered hardscape areas even if these areas are completely surrounded by sales lot on all sides. Luminaires qualifying for this allowance shall be within 5 mounting heights of the sales lot area.</del>	<del>Not applicable</del>	<del>0.06 W/ft<sup>2</sup></del>	<del>0.21 W/ft<sup>2</sup></del>	<del>0.28 W/ft<sup>2</sup></del>	<del>0.485 W/ft<sup>2</sup></del>
<del><b>Vehicle Service Station</b></del>	<del>Not</del>	<del>0.006</del>	<del>0.068</del>	<del>0.138</del>	<del>0.200</del>

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
<p><b>Hardscape.</b> Allowance for the total illuminated hardscape area less area of buildings, under canopies, off property, or obstructed by signs or structures. Luminaires qualifying for this allowance shall be illuminating the hardscape area and shall not be within a building, below a canopy, beyond property lines, or obstructed by a sign or other structure.</p>	applicable	W/ft <sup>2</sup>	W/ft <sup>2</sup>	W/ft <sup>2</sup>	W/ft <sup>2</sup>
<p><b>Vehicle Service Station Canopies.</b> Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.</p>	Not applicable	0.220 W/ft <sup>2</sup>	0.430 W/ft <sup>2</sup>	0.580 W/ft <sup>2</sup>	1.010 W/ft <sup>2</sup>
<p><b>Sales Canopies.</b> Allowance for the total area within the drip line of the canopy. Luminaires qualifying for this allowance shall be located under the canopy.</p>	Not applicable	No Allowance	0.655 W/ft <sup>2</sup>	0.908 W/ft <sup>2</sup>	1.135 W/ft <sup>2</sup>
<p><b>Non-sales Canopies and Tunnels.</b> Allowance for the total area within the drip line of the canopy or inside</p>	Not applicable	0.057 W/ft <sup>2</sup>	0.137 W/ft <sup>2</sup>	0.27 W/ft <sup>2</sup>	0.37 W/ft <sup>2</sup>

<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
the tunnel. Luminaires qualifying for this allowance shall be located under the canopy or tunnel.					
<b>Guard Stations.</b> Allowance up to 1,000 square feet per vehicle lane. Guard stations provide access to secure areas controlled by security personnel who stop and may inspect vehicles and vehicle occupants, including identification, documentation, vehicle license plates, and vehicle contents. Qualifying luminaires shall be within 2 mounting heights of a vehicle lane or the guardhouse.	Not applicable	0.154 W/ft <sup>2</sup>	0.355 W/ft <sup>2</sup>	0.708 W/ft <sup>2</sup>	0.985 W/ft <sup>2</sup>
<b>Student Pick-up/Drop-off zone.</b> Allowance for the area of the student pick-up/drop-off zone, with or without canopy, for preschool through 12th grade school campuses. A student pick-up/drop-off zone is a curbside, controlled traffic area on a school campus where students are picked up and	Not applicable	No Allowance	0.12 W/ft <sup>2</sup>	0.45 W/ft <sup>2</sup>	No Allowance

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<p>dropped off from vehicles. The allowed area shall be the smaller of the actual width or 25 feet, times the smaller of the actual length or 250 feet. Qualifying luminaires shall be within 2 mounting heights of the student pick-up/drop-off zone.</p>					
<p><b>Outdoor Dining.</b> Allowance for the total illuminated hardscape of outdoor dining. Outdoor dining areas are hardscape areas used to serve and consume food and beverages. Qualifying luminaires shall be within 2 mounting heights of the hardscape area of outdoor dining.</p>	Not applicable	0.004 W/ft <sup>2</sup>	0.030 W/ft <sup>2</sup>	0.050 W/ft <sup>2</sup>	0.075 W/ft <sup>2</sup>
<p><b>Special Security Lighting for Retail Parking and Pedestrian Hardscape.</b> This additional allowance is for illuminated retail parking and pedestrian hardscape identified as having special security needs. This allowance shall be in addition to</p>	Not applicable	0.007 W/ft <sup>2</sup>	0.009 W/ft <sup>2</sup>	0.019 W/ft <sup>2</sup>	No Allowance



<b>Lighting Application</b>	<b>Lighting Zone 0</b>	<b>Lighting Zone 1</b>	<b>Lighting Zone 2</b>	<b>Lighting Zone 3</b>	<b>Lighting Zone 4</b>
<del>the building entrance or exit allowance.</del>					

~~C. Exemptions. The Building Official may exempt a covered building from the provisions of this section if the Official determines there are sufficient practical challenges to make satisfaction of the requirements infeasible. The applicant is responsible for demonstrating requirement infeasibility when applying for an exemption. Applications for exemptions shall be made, in writing, to the Building Official. The Building Official's determination can be appealed per CVMC 15.06.070 and California Building Code Section 1.8.8. (Ord. 3425 § 2, 2018).~~

## **Section II. Severability**

If any portion of this Ordinance, or its application to any person or circumstance, is for any reason held to be invalid, unenforceable or unconstitutional, by a court of competent jurisdiction, that portion shall be deemed severable, and such invalidity, unenforceability or unconstitutionality shall not affect the validity or enforceability of the remaining portions of the Ordinance, or its application to any other person or circumstance. The City Council of the City of Chula Vista hereby declares that it would have adopted each section, sentence, clause or phrase of this Ordinance, irrespective of the fact that any one or more other sections, sentences, clauses or phrases of the Ordinance be declared invalid, unenforceable or unconstitutional.

## **Section III. Construction**

The City Council of the City of Chula Vista intends this Ordinance to supplement, not to duplicate or contradict, applicable state and federal law and this Ordinance shall be construed in light of that intent.

## **Section IV. Effective Date**

This ordinance will take effect and be in force thirty days after final passage but not before January 1, 2020.

## **Section V. Publication**

The City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same to be published or posted according to law.

Presented by

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Kelly G. Broughton, FASLA  
Director of Development Services

Approved as to form by

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Glen R. Googins  
City Attorney