

MANDATORY MEASURES

SIGNAGE

REQUIRED CONTROLS

Outdoor sign lighting must be automatically controlled by one of the following two options:

1. A photocontrol *and* an automatic time switch
or
2. An astronomical time switch

All outdoor sign lighting that is on during the day and night must be equipped with a control that provides the ability to automatically reduce the lighting power of the sign at least 65% at night.

Indoor signs must be equipped with:

1. An astronomical time switch
or
2. An automatic time switch

Section 130.3 (a)

DEMAND RESPONSE FOR EMCs

An Electronic Message Center (EMC) is an electronically controlled sign that produces pixelated images using any type of light source or lighting system.

An EMC that has a connected lighting power load larger than 15 kW must have a control installed that can reduce lighting power at least 30% in response to a demand response (DR) signal.



Section 130.3 (a)

SIGNAGE | SECTION 7

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ENERGY COMPLIANCE

Signs must also:

1. Comply with an allowed lighting power maximum
or
2. Use one of several approved and compliant light sources

Section 130.3 (a)

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INTERNALLY ILLUMINATED SIGNS

Internally illuminated signs may use no more than 12 W/ft² of the illuminated sign area. For double-faced signs, only the area of one of the faces needs to be counted.



Section 140.8 (a)

EXTERNALLY ILLUMINATED SIGNS

Externally illuminated signs may use up to 2.3 W/ft² of illuminated sign area. If both faces are lit, then both must be counted.




Section 140.8 (a)

COMPLIANCE LIGHT SOURCES

If a sign is only equipped with one of the following light sources, it does not need to meet the allowed lighting power requirements:

1. High pressure sodium (HPS) lamps
2. Metal halide (MH) lamps that are pulse start or ceramic with a ballast that has a minimum efficiency of 88%
3. Neon or cold cathode lamps with transformer or power supply efficiency of: at least 75% for a rated output current less than 50 mA
greater than 68% when the rated output current is at least 50 mA
4. Fluorescent lighting systems that only use lamps with a CRI over 80 or only use electronic ballasts with an output frequency greater than 20 kHz
5. LEDs with a power supply efficiency of at least 80%
6. CFLs that do not use a medium screw-base socket

Section 140.8 (b)

STATE OF CALIFORNIA			
SIGN LIGHTING		CALIFORNIA ENERGY COMMISSION	
CEC-NRCC-LTS-01-E(Revised 08/16)		NRCC-LTS-01-E	
CERTIFICATE OF COMPLIANCE		(Page 5 of 5)	
Sign Lighting			
Project Name:		Date Prepared:	
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT			
1. I certify that this Certificate of Compliance documentation is accurate and complete.			
Documentation Author Name:		Documentation Author Signature:	
Company:		Signature Date:	
Address:		CEA Certification Identification (if applicable):	
City/State/Zip:		Phone:	
RESPONSIBLE PERSON'S DECLARATION STATEMENT			
I certify the following under penalty of perjury, under the laws of the State of California:			
1. The information provided on this Certificate of Compliance is true and correct.			
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).			
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.			
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.			
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.			
Responsible Designer Name:		Responsible Designer Signature:	
Company:		Date Signed:	
Address:		License:	
City/State/Zip:		Phone:	