

SIGN LIGHTING

Certificate of Compliance (Sign Lighting)		(Page 1 of 2)	SLTG-1C
Project Name:	Phase of Construction Function Type	<input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Outdoor Signs <input type="checkbox"/> Indoor Signs	
Project Address:	Date:	Compliance Method Used	<input type="checkbox"/> Maximum Allowed Lighting Power <input type="checkbox"/> Alternate Lighting Sources

Documentation Author's Declaration Statement	
<ul style="list-style-type: none"> I certify that this Certificate of Compliance documentation is accurate and complete. 	
Name	Signature
Company	Date
Address	If applicable: CEA # CEPE #
City/State/Zip	Phone:

Principal Lighting Designer's Declaration Statement	
<ul style="list-style-type: none"> I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design. This Certificate of Compliance identifies the lighting features and performance specifications required for compliance with Title 24, Pages 1 and 6 of the California Code of Regulations. The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 	
Name:	Signature
Company:	Phone
Address:	License #
City/State/Zip:	Date

Sign Mandatory Measures
Indicate location on building plans of Mandatory Sign Measures Note Block: _____

Mandatory Sign Lighting Controls		Yes	No
1	§133(a)1. All signs with permanently connected lighting are controlled with an automatic time switch control that complies with the applicable requirements of §119.	<input type="checkbox"/>	<input type="checkbox"/>
2	§133(a)2. All outdoor signs are controlled with a photo control or outdoor astronomical time switch control.	<input type="checkbox"/>	<input type="checkbox"/>
	Exception to §133(a)2. Outdoor signs are in tunnels or large covered areas that require illumination during daylight hours.	<input type="checkbox"/>	<input type="checkbox"/>
3	§133(a)3. All outdoor signs are controlled with a dimmer that provides the ability to automatically reduce sign power by a minimum of 65 percent during nighttime hours.	<input type="checkbox"/>	<input type="checkbox"/>
	Exception 1 to §133(a)3. Signs are illuminated for less than one hour per day during daylight hours.	<input type="checkbox"/>	<input type="checkbox"/>
	Exception 2 to §133(a)3. Outdoor signs are in tunnels or large covered areas that require illumination during daylight hours.	<input type="checkbox"/>	<input type="checkbox"/>
	Exception 3 to §133(a)3. Only metal halide, high pressure sodium, cold cathode, or neon lamps are used to illuminated signs or parts of signs.	<input type="checkbox"/>	<input type="checkbox"/>
4	§133(a)4. An Electronic Message Center (EMC) having a new connected lighting power load greater than 15 kW has a control installed is capable of reducing the lighting power by a minimum of 30 percent when receiving a demand response signal that is sent out by the local utility.	Y <input type="checkbox"/>	N <input type="checkbox"/>
	Exception to §133(a)4. The EMC is required by a health or life safety statute, ordinance, or regulation, including but not limited to exit signs and traffic signs.	Y <input type="checkbox"/>	N <input type="checkbox"/>

SIGN LIGHTING

Certificate of Compliance and Field Inspection Energy Checklist (Sign Lighting) (Page 2 of 2) SLTG-1C

Project Name:	Date:
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		Compliance Method											
		Maximum Allowed Lighting Power											
A	B	C	D	E	F	G	H	I	J	K			
Sign symbol or code	Description or location and plan location	Allowed Watts					Design Watts ¹	Complies? Y/N	Light Source		Field Inspector ²		
		Sign Area (ft ²)	Internally (I) or Externally (E) Illuminated	Allowed LPD (I = 12 W/ft2) (E = 2.3 W/ft2)	Allowed Watts = C x E	Total Installed watts for sign	Complies If $G \leq F$	From List Below	Special Features	Pass	Fail		
											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Sign Area:													

1. Design Watts = total connected lighting load installed in the sign, including power used by lamps, ballasts, transformers, power supplies, etc.
2. If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary. Use additional sheets if necessary.

The sign(s) identified above; use only one or more of the following technologies: (list all applicable numbers that apply in column I above)

- | | |
|----|---|
| 1 | High pressure sodium lamps |
| 2 | Pulse start or ceramic metal halide lamps served by a ballast with $\geq 88\%$ efficiency |
| 3 | Pulse start metal halide lamps that are ≤ 320 watts, are not 250 watt or 175 watt lamps, and are served by a ballast with $\geq 80\%$ efficiency |
| 4 | Neon or cold cathode lamps with transformer or power supply efficiency $\geq 75\%$ with rated output current < 50 mA |
| 5 | Neon or cold cathode lamps with transformer or power supply efficiency $\geq 68\%$ with rated output current ≥ 50 mA |
| 6 | Fluorescent lamps with a minimum color rendering index (CRI) of 80 |
| 7 | Light emitting diodes (LEDs) with a power supply with $\geq 80\%$ efficiency |
| 8 | Single voltage LED external power supplies designed to convert 120 volt AC input into lower voltage DC or AC output, having a nameplate output power less than or equal to 250 watts, and certified to the Energy Commission as complying with the applicable requirements of the Appliance Efficiency Regulations (Title 20) |
| 9 | Compact fluorescent lamps that do not contain a medium screw base sockets (E24/E26) |
| 10 | Electronic ballasts with a fundamental output frequency ≥ 20 kHz |

Field Inspector Notes or Discrepancies
