

Certificate of Compliance and Field Inspection Energy Checklist (Sign Lighting)

Project Name:	Date:
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Fill-in Columns A and B for all signs. Fill-in Columns C through H only if using the Maximum Allowed Lighting Power compliance method. Fill-in Column I only if using the Alternate Light Source compliance method.		Compliance Method								
		Maximum Allowed Lighting Power					Alt. Light Source			
A	B	C	D	E	F	G	H	I	J	
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 ≤ F	From List Below	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"/>
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.

Alternate Light Source Compliance Method:

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 ≥ 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 ≥ 80% efficiency
4	Neon or cold cathode lamps with transformer or power supply efficiency ≥ 75% with rated output current < 50 mA
5	Neon or cold cathode lamps with transformer or power supply efficiency ≥ 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 ≥ 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