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Project Title:	Repeal of Portable Luminaires
TN #:	247749
Document Title:	Proposed Regulatory Language (Express Terms - 45 Day Language)
Description:	Proposed Regulatory Language for the Repeal of Portable Luminaires Rulemaking. *** This Document Supersedes TN#247379 ***.
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Proposed Regulatory Language

California Code of Regulations
Title 20. Public Utilities and Energy
Division 2. State Energy Resources Conservation and Development Commission
Chapter 4. Energy Conservation
Article 4. Appliance Efficiency Regulations
Sections 1601-1609

Proposed new language appears as underline (example) and proposed deletions appear as strikeout (~~example~~). Existing language appears as plain text. Three dots or "…" represents the substance of the regulations that exists between the proposed language and current language.

§ 1601. Scope.

This Article applies to the following types of new appliances, if they are sold or offered for sale in California, except those sold wholesale in California for final retail sale outside the state and those designed and sold exclusively for use in recreational vehicles, or other mobile equipment. Unless otherwise specified, each provision applies only to units manufactured on or after the effective date of the provision.

NOTE: For the applicability of these regulations to appliances installed in new building construction, see sections 110.0 and 110.1 of part 6 of Title 24 of the California Code of Regulations.

…**[skipping (a) through (m)]**

(n) Luminaires, which are torchieres, metal halide luminaires~~, portable luminaires~~, under-cabinet luminaires, and includes luminaires with GU24 socket and base configurations and GU24 adaptors.

…**[skipping the rest of section 1601]**

Note: Authority cited: Sections 25213, 25218(e), 25401.9, 25402(a)-25402(c), and 25960, Public Resources Code; and sections 16, 26, and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25401.9, 25402(a)-25402(c), 25402.5.4, and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

§ 1602. Definitions.

…**[skipping (a) through (m)]**

(n) Luminaires and Torchieres.

~~"Art work luminaire" means a luminaire designed only to be mounted directly to art work only for the purpose of illuminating that art work.~~

"Automatic daylight control" is a control that automatically reduces lighting in response to available daylight. This control typically uses photosensors to detect changes in daylight illumination and then change the electric lighting level in response to the daylight changes.

~~"Dedicated fluorescent lamp socket" means one of the ANSI designated type of fluorescent lamp sockets that will accept only a compact or linear fluorescent lamp, and that is used in luminaires where the ballast is permanently installed in the luminaire between the power cord and the lamp socket. "Dedicated fluorescent lamp socket" does not include sockets where the ballast is located between the socket and the lamp, or where the ballast is integrated into the lamp.~~

~~"E12 screw-based socket" means an ANSI designation for a screw-base socket commonly referred to as a candelabra screw-base.~~

~~"E17 screw-based socket" means an ANSI designation for a screw-base socket commonly referred to as an intermediate screw-base.~~

~~"E26 screw-based socket" means an ANSI designation for a screw-base socket commonly referred to as a medium screw-base.~~

~~"General lighting application" means lighting that provides an interior or exterior area with overall illumination.~~

"GU24" means the designation of a lamp holder and socket configuration, based on a coding system by the International Energy Consortium: "G" indicates the broad type of two or more projecting contacts, such as pins or posts; "U" distinguishes between lamp and holder designs of similar type that are not interchangeable due to electrical or mechanical requirements; and "24" indicates 24 millimeter center to center spacing of electrical contact posts."

"GU24 adaptor" means a one-piece device, pig-tail, wiring harness, or other such socket/base attachment that connects to a GU24 socket on one end and provides a different type of socket or connection on the other end; a GU24 adaptor does not alter the voltage. A fluorescent ballast with a GU24 base is not a GU24 adaptor.

"High frequency electronic ballast" means a fluorescent lamp ballast having an output frequency of no less than 20kHz. "Fluorescent lamp ballast" is defined in section 1602(j) of this Article.

"Indoor metal halide luminaire" is a metal halide luminaire that is not an outdoor metal halide luminaire.

"Integral control" means a fully functional occupancy sensor or automatic daylight control system for which all required components for an integral control, including control devices, sensors, and wiring, are factory installed, packaged and sold with each individual luminaire, and are integrated into each individual luminaire at the factory in one of the following three methods:

(1) is integrated directly into the luminaire housing and hardwired to the lighting system; or

(2) is pre-wired to allow proper functionality between the control and luminaire, and to allow remote mounting of the control. One end of the wiring shall be pre-wired to the luminaire, and the other end shall be prewired to the control. The wiring may be either a metal or fiber conductor. The wiring may allow temporary disconnection in the field to allow remote mounting of the control; or

(3) is pre-wired with a wireless radio controlled sensor to allow proper functionality between the control and luminaire, and to allow interaction with the wireless control signal in the lighting system.

"Lamp-ballast system efficiency" means the efficiency of a lamp and ballast combination expressed as a percentage and calculated by dividing the output circuit lamp power by the input circuit power as measured in accordance with ANSI C82.6-2005 (American National Standard for Ballasts for High-Intensity Discharge Lamps - Methods of Measurement).

~~"LED array or module" means an assembly of LED packages (components), or dies on a printed circuit board or substrate, possibly with optical elements and additional thermal, mechanical, and electrical interfaces that are intended to connect to the load side of a LED driver. Power source and ANSI standard base are not incorporated into the device. The device cannot be connected directly to the branch circuit.~~

~~"LED lamp, integrated" means an integrated assembly comprised of LED packages (components) or LED arrays (modules), LED driver, ANSI standard base and other optical, thermal, mechanical and electrical components. The device is intended to connect directly to the branch circuit through a corresponding ANSI standard lamp holder (socket)~~

~~"LED lamp, non-integrated" means an assembly comprised of an LED array (module) or LED packages (components) and an ANSI standard base. The device is intended to connect to the LED driver of an LED luminaire through an ANSI standard lamp-holder (socket). The device cannot be connected directly to the branch circuit.~~

~~"LED luminaire" means a complete lighting unit consisting of LED-based light emitting elements and a matched driver together with parts to distribute light, to position and protect the light emitting elements, and to connect the unit to a branch circuit. The LED-based lighting emitting elements may take the form of LED packages (components), LED arrays (modules), or LED lamps. The LED luminaire is intended to connect directly to a branch circuit.~~

~~"LED package" means an assembly of one or more LED dies that includes wire bond or other type of electrical connections, possibly with an optical element and thermal, mechanical, and electrical interfaces. Power source and ANSI standardized base are not incorporated into the device. The device cannot be connected directly to the branch circuit.~~

~~"Luminaire efficacy" for LEDs means the luminous efficacy of the LED luminaire, or of the LED light engine with integral heat sink, when tested in accordance with IES LM-79-08.~~

"Metal halide ballast" means a ballast used to start and operate metal halide lamps.

"Metal halide lamp" means a high-intensity discharge lamp in which the major portion of the light is produced by radiation of metal halides and their products of dissociation, possibly in combination with metallic vapors.

“Metal halide lamp fixture” or “Metal halide luminaire” means a light fixture for general lighting application designed to be operated with a metal halide lamp and a ballast for a metal halide lamp.

“Nonpulse-start electronic ballast” means an electronic ballast with a starting method other than pulse-start.

“Occupant sensor, lighting” means a device that automatically reduces lighting or turns lights off soon after an area is vacated.

“Outdoor metal halide luminaire” means a metal halide luminaire that is UL 1598 Wet Location Listed and labeled “Suitable for Wet Locations” as specified by the National Electrical Code 2005, Section 410.4(A).

~~“Portable floor luminaire” means a portable luminaire designed to be located on the floor and not located on a table, desk, or other structure above the floor.~~

~~“Portable luminaire” means a luminaire that has a flexible cord and an attachment plug for connection to a nominal 120-volt, 15- or 20-ampere branch circuit; that allows the user to relocate the luminaire without any rewiring; that are typically controlled with a switch located on the luminaire itself or on the power cord; and that are intended for use in accordance with the National Electrical Code, ANSI/NFPA 70-2002. Portable luminaire does not include any of the following:~~

- ~~(1) direct plug-in nightlights;~~
- ~~(2) sun and heat lamps;~~
- ~~(3) aquarium lamps;~~
- ~~(4) medical and dental lights;~~
- ~~(5) portable electric hand lamps;~~
- ~~(6) signs and commercial advertising displays;~~
- ~~(7) photographic lamps;~~
- ~~(8) germicidal lamps;~~
- ~~(9) illuminated vanity mirrors;~~
- ~~(10) lava lamps not providing general or task illumination;~~
- ~~(11) industrial work lights rated for use with lamps providing greater than 7,000 lumens;~~
- ~~(12) portable luminaires for marine use or for use in hazardous locations as defined in the National Electrical Code, ANSI/NFPA 70;~~
- ~~(13) Christmas tree and decorative lighting outfits or electric candles and candelabras without lamp shades that are covered by the Standard for Christmas Tree and Decorative Outfits, UL 588.~~

~~“Portable table luminaire” means a portable luminaire designed to be located on a table, desk, or other structure above the floor.~~

“Probe-start metal halide ballast” means a ballast that:

(1) starts a probe-start metal halide lamp that contains a third starting electrode (probe) in the arc tube; and

(2) does not generally contain an igniter but instead starts lamps with high ballast open circuit voltage.

"Pulse-start metal halide ballast" means an electronic or electromagnetic ballast that starts a pulse-start metal halide lamp with high voltage pulses. Lamps shall be started by first providing a high voltage pulse for ionization of the gas to produce a glow discharge. To complete the starting process, power shall be provided by the ballast to sustain an arc through a glow-to-arc transition.

"System input power rating" means the operating input wattage of the rated lamp/ballast combination published in manufacturer's catalogs based on independent testing lab reports as specified by "Standards for Luminaire" UL 1598.

"Torchiere" means a portable electric lamp with a reflector bowl that directs light upward to give indirect illumination.

"Under-cabinet luminaire" means a luminaire designed for mounting in, on, under, or within modular office furniture.

~~"Wall mount adjustable luminaire" means a portable luminaire that is designed only to be mounted on a wall, having no base which will allow the luminaire to stand on a horizontal surface.~~

[end of (n)]

…**[skipping (o) through (x)]**

The following documents are incorporated by reference in section 1602.

Number	*Title*

…**[skipping FEDERAL STATUTES AND REGULATIONS through HYDRAULIC INSTITUTE (HI)]**

ILLUMINATING ENGINGEERING SOCIETY (IES)

IES LM-9-09	Electrical and Photometric Measurements of Fluorescent Lamps
IES LM-16-1993	IES Practical Guide to Colorimetry of Light Sources
~~IES LM-79-08~~	~~Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products~~
ANSI/IES RP-16-10	Nomenclature and Definitions for Illuminating Engineering
Copies available from:	Illuminating Engineering Society 120 Wall Street, 17th Floor New York, NY 10005-4001 www.ies.org Phone: (212) 248-5000 FAX: (212) 248-5017/18

…**[skipping INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) through INTERNATIONAL TELECOMMUNICATION UNION (ITU)]**

NATIONAL ELECTRIC CODE (NEC)

NFPA 20 (2016)	Standard for the Installation of Stationary Pumps for Fire Protection
~~ANSI/NFPA 70 (2002)~~	~~National Electrical Code~~
Copies available from:	National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471 www.nfpa.org Phone: (617) 770-3000 FAX: (617) 770-0700

…**[skipping NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA) through SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS (SMPTE)]**

UNDERWRITERS LABS (UL)

ANSI/UL 448-2013	Standard for Safety Centrifugal Stationary Pumps for Fire Protection Service
~~UL 588~~	~~Standard for Seasonal and Holiday Decorative Products~~

…**[skipping the rest of section 1602]**

Note: Authority cited: Sections 25213, 25218(e), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and Sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25401.9, 25402(a)-25402(c), 25402.5.4 and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

§ 1602.1 Rules Of Construction.

[No Changes]

§ 1603. Testing: All Appliances.

[No Changes]

§ 1604. Test Methods for Specific Appliances.

…**[skipping (a) through (m)]**

(n) Luminaires and Torchieres.

(1) **Torchieres.**
There is no test method for torchieres.

(2) **Metal Halide Luminaires.**
The test method for metal halide luminaires is ANSI C82.6-2005. Ballasts may be tested separately, outside the luminaire. A sample of at least five ballasts shall be tested for

each lamp wattage for which the luminaire and ballasts are rated. The average of these tests shall be used for certification and compliance purposes.

Ballasts efficiency for High Intensity Discharge (HID) luminaire means the efficiency of a lamp and ballast combination expressed as a percentage and calculated by Efficiency = P_{out} / P_{in}, as measured. P_{out} is the measured operating lamp wattage and P_{in} is the measured operating input wattage.

The lamp, and the capacitor when it is provided, is to constitute a nominal system in accordance with ANSI C78.43-2004. P_{in} and P_{out} are to be measured after lamps have been stabilized according to Section 4.4 of ANSI C82.6-2005 using a wattmeter with accuracy specified in Section 4.5 of ANSI C82.6-2005 for ballasts with a frequency of 60 Hz and shall have a basic accuracy of ± 0.5 percent at the higher of (a.) three times the output operating frequency of the ballast, or (b.) 2 kHz for ballast with a frequency greater than 60 Hz.

(3) **Under-Cabinet Luminaires.**

The test method for under-cabinet luminaires is 10 C.F.R. 430.23(q) (Appendix Q to subpart B of part 430 (2015)).

~~(4)~~ ~~**Portable Luminaires.**~~

~~(A) The test methods for LED luminaires using LED lamps are shown in section 1604(k)(3) of this Article.~~

~~(B) The test methods for LED luminaires using LED light engines are California Joint Appendix JA8 – 2008, "Testing of Light Emitting Diode Light Sources," or IES LM-79-08, "Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products," at manufacturer's option.~~

[end of (n)]

…**[skipping (o) through (x)]**

The following documents are incorporated by reference in section 1604.

CALIFORNIA ENERGY COMMISSION TEST METHODS

CEC/Gas-Fired Heat Pumps	Efficiency Calculation Method for Gas-Fired Heat Pumps as a Exceptional Method (1996) New Compliance Option (1996)
California Title 24, part 6, Joint Appendix 8 JA-8 - 2015	Qualification Requirements for High Efficacy Light Sources
California Title 24, part 6, Joint Appendix 10 JA-10 - 2015	Test Method for Measuring Flicker of Lighting Systems and Reporting Requirements
~~California Joint Appendix JA8 – 2008~~	~~Testing of Light Emitting Diode Light Sources~~
Copies available from:	California Energy Commission Energy Hotline 715 P Street,~~1516 Ninth Street,~~ MS-25 Sacramento, California 95814 Phone: (916) 654-5106 FAX: (916) 654-4304

…**[skipping FEDERAL TEST METHODS through HYDRAULIC INSTITUTE (HI)]**

ILLUMINATING ENGINGEERING SOCIETY (IES)

~~IES LM-79-08~~	~~Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products~~
IES LM-84-14	Measuring Luminous Flux and Color Maintenance of LED Lamps, Light Engines, and Luminaires.
IES TM-28 (2014)	Projecting Long-Term Luminous Flux Maintenance of LED Lamps and Luminaires
Copies available from:	Illuminating Engineering Society 120 Wall Street, 17th Floor New York, NY 10005-4001 www.ies.org Phone: (212) 248-5000 FAX: (212) 248-5017/18

…**[skipping the rest of section 1604]**

Note: Authority cited: Sections 25213, 25218(e), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and Sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

§ 1605. Energy Performance, Energy Design, Water Performance, and Water Design Standards: In General.

[No Changes]

§ 1605.1. Federal and State Standards for Federally Regulated Appliances.

[No Changes]

§ 1605.2. State Standards for Federally Regulated Appliances.

[No Changes]

1605.3. State Standards for Non-Federally Regulated Appliances.

…**[skipping (a) through (m)]**

(n) Luminaires and Torchieres.

…**[skipping (n)(1) through (n)(2)]**

~~(3) **Portable Luminaires.**~~

~~(A) Portable luminaires manufactured on or after January 1, 2010 shall meet one or more of the following requirements:~~

1. Be equipped with a dedicated fluorescent lamp socket connected to a high frequency electronic ballast contained within the portable luminaire;
2. Be equipped with one or more GU24 line-voltage sockets and not rated for use with incandescent lamps of any type, including line voltage or low voltage;
3. Be an LED luminaire or a portable luminaire with an LED light engine with integral heat sink, and comply with the minimum requirements shown in Table N-3;

Table N-3
Minimum Requirements for Portable LED Luminaires, and Portable Luminaires with LED Light Engines with Integral Heat Sink

Criteria	*Requirement*
Minimum LED Luminaire Efficacy	29 lumens/W
Minimum LED Light Engine Efficacy	40 lumens/W
Correlated Color Temperature (CCT)	2700K through 5000K
Minimum Color Rendering Index (CRI)	75
Power Factor (for luminaires labeled or sold for residential use)	≥ 0.70

4. Be equipped with an E12, E17, or E26 screw-based socket and be prepackaged and sold together with one screw-based compact fluorescent lamp or screw-based LED lamp for each screw-based socket on the portable luminaire. The compact fluorescent or LED lamps which are prepackaged with the portable luminaire shall be fully compatible with the luminaire controls, meaning that portable luminaires having a dimmer control shall be prepackaged with dimmable compact fluorescent or LED lamps, and portable luminaires having 3-way controls shall be prepackaged with 3-way compact fluorescent or LED lamps. The compact fluorescent lamps which are prepackaged with the luminaires shall also meet the minimum energy efficiency levels established by ENERGY STAR® for compact fluorescent lamps in effect on December 31, 2008. The LED lamps required to be packaged with the luminaire shall comply with the minimum requirements for state-regulated LED lamps in sections 1601 through 1607 of this Article;
5. Be equipped with one or more single-ended, non-screw based halogen lamp sockets (line or low voltage), a dimmer control or high low control, and be rated for a maximum of 100W.

EXCEPTIONS to Section 1605.3(n)(3) of this Article. The following portable luminaires are not required to be prepackaged and sold together with compact fluorescent or LED lamps:

1. Portable Wall Mount Adjustable Luminaires that meet all of the following requirements: Designed only to be mounted on a wall, having no base which will allow the luminaire to stand on a horizontal surface, having an articulated arm, having a maximum overall length of 24 inches in any direction, fitted only with a single E12, E17 or E26 lamp socket per luminaire, and controlled with an integral dimmer. Luminaires manufactured on or before December 31, 2011 shall have a maximum relamping rated wattage of 57 watts, and luminaires manufactured on or after January 1, 2012 shall have a maximum relamping rated wattage of 43 watts, as listed on a permanent pre-printed factory-installed label in accordance with Underwriters Laboratories (UL) 153.

2. Art Work Luminaires that meet all of the following requirements: Designed only to be mounted directly to art work only for the purpose of illuminating that art work,

~~fitted only with E12 screw-base line-voltage sockets, having no more than three sockets per luminaire, and controlled with an integral high/low switch. Luminaires with a single socket shall have a maximum relamping rated wattage of 25 watts, and luminaires with two or three sockets shall have a maximum relamping rated wattage of 15 watts per socket, as listed on a permanent pre-printed factory-installed label in accordance with Underwriters Laboratories (UL) 153.~~

~~(B) Portable luminaires that have internal power supplies shall have zero standby power when the luminaire is turned off.~~

~~(4)~~(3) **GU24 adaptors.** GU24 adaptors manufactured on or after January 1, 2010 shall not adapt a GU24 socket to any other line voltage socket.

~~(5)~~(4) See section 1605.1(n) of this Article for energy efficiency standards for federally regulated metal halide lamp fixtures manufactured on or after January 1, 2009, and torchieres.

[end of (n)]

…**[skipping (o) through (x)]**

The following documents are incorporated by reference in section 1605.3.

Number	*Title*

…**[skipping FEDERAL REQUIREMENTS through CANADIAN STANDARDS ASSOCIATION (CSA)]**

UNDERWRITERS LABS (UL)

~~UL 153~~	~~Portable Luminaires~~
UL 1029-2001	Standard for High-Intensity-Discharge Lamp Ballasts
Copies available from:	Underwriters Laboratories, Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 www.ul.com Phone: (847) 272-8800 FAX: (847) 272-8129

UNITED STATES DEPARTMENT OF ENERGY

	International Efficiency Marking Protocol for External Power Supplies Version 3.0 (September 2013)
Copies available from:	US Department of Energy Office of Energy Efficiency and Renewable Energy, Forrestal Building, Mail Station EE-2J 1000 Independence Ave SW Washington, DC 20585-0121 202-586-5000 www.energy.gov

Note: Authority cited: Sections 25213, 25218(e), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and Sections 16, 26, and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and Section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

§ Section 1606. Filing by Manufacturers; Listing of Appliances in the MAEDbS.

(a) Filing of Statements.

Each manufacturer shall electronically file with the Executive Director through the MAEDbS a statement for each appliance that is sold or offered for sale in California. The statement shall contain all of the information described in paragraphs (2) through (4) of this subsection and shall meet all of the requirements of paragraph (1) of this subsection and all other applicable requirements in this Article.

The effective dates of this section shall be the same as the effective dates shown in section 1605.1, 1605.2 or 1605.3 of this Article for appliances for which there is an energy efficiency, energy consumption, energy design, water efficiency, water consumption, or water design standard in section 1605.1, 1605.2, or 1605.3 of this Article. For appliances with no energy efficiency, energy consumption, energy design, water efficiency, water consumption, or water design standard in section 1605.1, 1605.2, or 1605.3 of this Article, the effective date of this section shall be one year after they are added to section 1601 of this Article, unless a different effective date is specified.

EXCEPTIONS to Section 1606(a) of this Article: Section 1606(a) of this Article is not applicable to:

1. external power supplies,
2. small electric motors,
3. à la carte chargers meeting the EXCEPTION noted in section 1605.3(w)(2) of this Article, or
4. general service lamps.

…**[skipping (a)(1) through (a)(2)]**

(3) **Testing and Performance Information.**

…**[skipping (a)(3)(A) through (a)(3)(D)]**

Table X
Data Submittal Requirements

	Appliance	*Required Information*	*Permissible Answers*
	All Appliances	* Manufacturer's Name	
		* Brand Name	
		* Model Number	
		Date model to be displayed	
		Regulatory Status	Federally regulated consumer product, federally regulated commercial and industrial equipment, non-federally regulated

…**[skipping A "Non-Commercial Refrigerators, Non-Commercial Refrigerator-Freezers, Non-Commercial Freezers" through M "Traffic Signal Modules for Pedestrian Control"]**

Table X Continued - Data Submittal Requirements

	Appliance	*Required Information*	*Permissible Answers*
N	Torchieres	*Lamp Type of Upward-Facing Lamp(s)	Screw-based Incandescent, Halogen, Fluorescent Pin-based, Other (specify)
		*Lamp Type of Side Lamp(s)	Screw-based Incandescent, Halogen, Fluorescent Pin-based, Other, None (specify)
		Total Number of Lamp Sockets	
		Maximum Possible Power Demand, All Sockets (watts)	
		Method of Insuring 190 Watt Maximum Power Consumption	Current-limiting Device, Thermal Switch, Other (specify)
	~~Portable Luminaires~~	~~Type of Portable Luminaire~~	~~Floor, table, other (specify)~~
		~~Total Number of lamp sockets~~	
		~~Base type~~	~~Candelabra base, intermediate base, medium screw-base, pin-base; other (specify)~~
		~~Compliance method used~~	~~Dedicated fluorescent lamp socket; GU24 line-voltage socket; LED luminaire or light engine; E12, E17, or E26 screw-based socket w/ prepackaged lamp; Halogen lamp socket w/ controls~~
		~~Zero standby power (for luminaires with internal power supplies only)~~	~~True, False~~
		~~GU24 sockets rated (for use with incandescent lamps for luminaires with GU24 sockets only)~~	~~True, False~~
		~~LED Light Output (for LED luminaires only)~~	
		~~LED Efficacy (for LED luminaires only)~~	
		~~Nominal Correlated Color Temperature (for LED luminaires only)~~	
		~~Color Rendering Index (for LED luminaires only)~~	
		~~Power Factor (for LED luminaires labeled or sold for residential use only)~~	

* "Identifier" information as described in section 1602(a) of this Article.
1 = Voluntary for federally regulated appliances

2 = Voluntary for state-regulated appliances

…**[skipping the rest of Table X]**

(4) Declaration.

(A) Each statement shall include a declaration, executed under penalty of perjury of the laws of California, that

1. all the information provided in the statement is true, complete, accurate, and in compliance with all applicable provisions of this Article;
2. the requirements of section 1606(g) of this Article have been and are being complied with;
3. for appliances for which there is an energy efficiency, energy consumption, energy design, water efficiency, water consumption, or water design standard in section 1605.1, 1605.2, or 1605.3 of this Article, that the appliance complies with the applicable standards;
4. the appliance was tested under the applicable test method specified in section 1604 of this Article, and, for the following appliances, was tested as follows:
   a. for other self-contained commercial refrigerators, refrigerator-freezers, and freezers with doors that are pass-through and roll-through refrigerators and freezers, that the back (loading) doors remained closed throughout the test;
   b. for all refrigerators, refrigerator-freezers, and freezers were tested using alternating current electricity only;
   c. for all split system central air conditioners and compressor-containing units, these models were tested with the combination of compressor-containing and non-compressor containing unit specified in 10 C.F.R. section 429.16(b)(2);
   d. for all gas-fired air conditioners and gas-fired heat pumps, all appliances were tested to ANSI Z21.40.4-1996 as modified by CEC, Efficiency Calculation method for Gas-Fired Heat Pumps as a New Compliance Option (1996);
   e. for evaporative coolers, all appliances were tested to the applicable test method referenced in Table D-3 with the modifications appearing in Table D-3;
   f. for whole house fans, all appliances were tested to HVI-916, and if equipped with louvers were tested with manufacturer-provided louvers in place;
   g. for battery charger systems for which certification is based on testing of representative battery charger system models, the models tested as representative are those known or expected to have the poorest performance characteristics such that the data generated meets the requirements of section 1606(a)(3)(D) of this Article for all associated models; and
   h. for kitchen faucets that utilize an optional and temporary higher flow rate than 1.8 gpm, the higher flow rate has been tested utilizing the test procedure identified for kitchen faucets in section 1604(h) of this Article at 60 psi and verified to have a flow rate less than or equal to 2.2 gpm.
   i. for state-regulated compressors that are rated using an alternative efficiency determination method (AEDM) in lieu of testing, that the represented value of efficiency, consumption, or other non-energy metrics for the basic model was determined through the alternative efficiency determination method specified in section 1604(s) of this Article.

EXCEPTIONS to section 1606(a)(4)(A)4. of this Article: Section 1606(a)(4)(A)4. of this Article is not applicable to the following types of appliances that have no test methods found in section 1604 of this Article:

(1) federally regulated organic light emitting diode (OLED) lamps,
(2) federally regulated candelabra base incandescent lamps,
(3) federally regulated intermediate base incandescent lamps,
(4) traffic signal lamps, and
(5) torchieres., and
(6) portable luminaires showing compliance with sections 1605.3(n)(3)(A)1., 1605.3(n)(3)(A)2., or 1605.3(n)(3)(A)5. of this Article.

...**[skipping the rest of section 1606]**

Note: Authority cited: Sections 25213, 25218(e), 25401.9, 25402(a)-25402(c) and 25960, Public Resources Code; and Sections 16, 26, and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 25216.5(d), 25401.9, 25402(a)-25402(c), 25402.5.4 and 25960, Public Resources Code; and Section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

§ 1607. Marking of Appliances.

[No Changes]

§1608. Compliance, Enforcement, and General Administrative Matters.

[No Changes]

§1609. Administrative Civil Penalties.

[No Changes]