

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES – PROCUREMENT DIVISION
Purchasing Standard DGS 39101628
LED LAMPS



1.0 SCOPE

DGS Purchasing Standards provide the environmental criteria for specific commodities. The State of California considers the purchases of products conforming to these standards to be Environmentally Preferable Purchasing (EPP), or “green”. The standards incorporate the state’s EPP policies and goals into procurements.

To reduce potential impact to the environment and public health, this purchasing standard establishes minimum EPP requirements for energy efficient and quality Light Emitting Diode (LED) Lamps with screw bases or twist & lock bases specified in the following table:

Commodity	UNSPSC ^[1]	ANSI ^[2] Standard Lamp Base
LED Lamp	39101628	E12 – Candelabra (screw base) E17 – Intermediate (screw base) E26 – Medium (screw base) GU24 – 24mm (twist & lock)

^[1] United Nations Standard Products and Services Code (UNSPSC)

^[2] American National Standards Institute (ANSI)

2.0 LAWS, REGULATIONS, AND POLICY

Departments must adhere to all applicable state and federal laws, regulations, policies, and guidance. The following list is for informational purposes only and is not all-inclusive.

- [Executive Order \(EO\) B-18-12](#)
- [California Public Contract Code \(PCC\) §12400 Environmentally Preferable Purchasing](#)
- [California Code of Regulations \(CCR\), Title 20, Division 2, Chapter 4, Article 4, Appliance Efficiency Regulations](#)

3.0 ENVIRONMENTALLY PREFERABLE PURCHASING REQUIREMENTS

Products must meet all minimum requirements established in this section in order to conform to this DGS Purchasing Standard.

3.1 LED lamps must at least meet the minimum requirements in the Voluntary California Quality Light-Emitting Diode (LED) Lamp Specification 3.0 and must be listed as “voluntarily certified” on California Energy Commission’s (CEC) Modernized Appliance Efficiency Database System (MAEBDS). This requirement applies until CEC adopts the voluntary specification into regulations.

3.2 Under this DGS Purchasing Standard, LED lamps must meet a 90 CRI rating.

4.0 RESOURCES

Read the [Voluntary California Quality Light-Emitting Diode \(LED\) Lamp Specification 3.0](#).

Find lamps meeting the voluntary specification on [MAEBDS](#) by selecting “Lighting Products” and “State-Regulated Light Emitting Diode Lamp” under the “Appliance Type” tab.

See the [Buying Green website](#) for additional information on LED lamps.

Learn more about UNSPSC codes by visiting [United Nations Standard Products and Services Code®](#).