

AMENDED IN ASSEMBLY APRIL 6, 2015

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

**ASSEMBLY BILL**

**No. 213**

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**Introduced by Assembly Member Ridley-Thomas**

February 2, 2015

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An act to add Section 25402.12 to the Public Resources Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

AB 213, as amended, Ridley-Thomas. Energy efficiency: light emitting diode (LED) lighting products.

Existing law requires the State Energy Resources Conservation and Development Commission to prescribe energy efficiency standards, including standards applicable to lighting products.

This bill would prohibit the commission from adopting a color rendering index (CRI) value greater than the CRI value set forth in the United State Environmental Protection Agency Energy Star program, ~~as of January 1, 2015~~, as a part of energy efficiency standards for lighting products, unless the commission makes certain findings.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

*The people of the State of California do enact as follows:*

- 1 SECTION 1. (a) The Legislature finds and declares both of
- 2 the following:
- 3 (1) Historically, the energy efficiency standards prescribed by
- 4 the State Energy Resources Conservation and Development
- 5 Commission pursuant to Section 25402 of the Public Resources

1 Code have reduced energy consumption, saved consumers money,  
2 and promoted adoption of advanced technology. The commission's  
3 efforts have led the nation in energy conservation.

4 (2) However, the commission's recent and pending regulatory  
5 actions pertaining to light emitting diode (LED) lighting products  
6 will have the opposite effect by imposing restrictions on those  
7 lighting products that will needlessly raise the price of lamps,  
8 reduce energy savings, and retard the adoption of advanced  
9 technology products by consumers.

10 (b) It is the intent of the Legislature to do both of the following:

11 (1) Reaffirm its support for progressive energy efficiency  
12 standards, including those applicable to lighting products, but not  
13 if those standards make LED lighting products too expensive,  
14 sacrifice energy savings, and discourage purchase and adoption  
15 by consumers.

16 (2) Adjust modestly standards applicable to LED light products  
17 to save consumers money, promote energy savings, reduce  
18 electricity bills, and encourage the adoption of LED lighting  
19 products by consumers.

20 SEC. 2. Section 25402.12 is added to the Public Resources  
21 Code, to read:

22 25402.12. (a) For purposes of this section, the following terms  
23 mean the following:

24 (1) "Energy Star program" means the United States  
25 Environmental Protection Agency Energy Star program.

26 (2) "LED lighting products" has the same meaning as "LED  
27 light engine," "LED light engine with integrated heat sink," or  
28 "LED luminaries" as defined in subdivision (n) of Section 1602  
29 of Title 20 of the California Code of Regulations.

30 (b) The commission shall not adopt a color rendering index  
31 (CRI) value greater than the CRI value set forth in the Energy Star  
32 program, ~~as of January 1, 2015~~, as a part of energy efficiency  
33 standards for LED lighting products, unless the commission makes  
34 all of the following findings:

35 (1) ~~Peer reviewed studies~~ *Studies* demonstrate that a CRI value  
36 greater than that required by the Energy Star program will increase  
37 the rate of consumer adoption and produce greater sales of LED  
38 lighting products.

39 (2) ~~Peer reviewed studies~~ *Studies* demonstrate that energy  
40 efficiency gains from consumer adoption of LED lighting products

1 using a CRI value greater than that required by the Energy Star  
2 program will exceed the energy efficiency gains that would result  
3 from consumer adoption of LED lighting products meeting the  
4 standards set forth in the Energy Star program.

5 (3) ~~Peer reviewed studies~~ *Studies* demonstrate that consumers  
6 are willing to pay an increased purchase price for LED lighting  
7 products with a CRI value greater than that required by the Energy  
8 Star program. The commission shall determine how much more a  
9 higher CRI LED lighting product will cost a typical California  
10 homeowner as compared to a comparable LED lighting product  
11 meeting the standards set forth in the Energy Star program.

12 (4) ~~Peer reviewed studies~~ *Studies* demonstrate that consumers  
13 are willing to pay higher electricity bills to use lower efficiency  
14 LED lighting products with a CRI value greater than that required  
15 by the Energy Star program. The commission shall determine the  
16 average increase in electricity costs for a typical California  
17 homeowner that would result from the use of a higher CRI LED  
18 lighting product as compared to a comparable LED lighting product  
19 meeting the standards set forth in the Energy Star Program.

20 (c) Subdivision (b) shall apply to all of the following:

21 (1) Voluntary performance specifications for LED lighting  
22 products, including those used by the commission or other public  
23 agencies in rebate programs.

24 (2) Standards prescribed pursuant to subdivision (c) of Section  
25 25402 for LED lighting products.

26 (3) Standards prescribed pursuant to subdivision (a) or (b) of  
27 Section 25402 for LED lighting products.