

DOCKETED

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Project Title:	Small Diameter Directional LED Lamps and General Purpose LED Lamps
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Submitted On: 1/29/2016
Docket Number: 15-AAER-06

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Various public comments submitted after the deadline (5p.m., January 22, 2016)

Additional submitted attachment is included below.

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 11:03:29 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

The California Energy Commission (CEC) has proposed that general service LED lamps manufactured on or after January 1, 2018 shall have a CRI of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide an optimal combination of key performance attributes, luminous, color rendering and longevity.

The CEC has proposed stronger standards for LED lighting, which will save Californians billions in the coming years, and cut greenhouse gas emissions (GHG). These standards also allow us to enjoy the quality of full-color lighting we had with traditional light bulbs, but in an eco-friendly way.

However, opponents of the proposal claim the CEC wants to promote LED lighting that is more expensive and less efficient. This is a misunderstanding of what is being required of the lamps. The function of the general service lamp is to both illuminate a room and provide the ability to discern colors. Efficiency would be defined as its ability to perform both tasks with less energy. The opponents want to "improve" efficiency by making light bulbs that only do half the job. That's not efficiency, that's poor service.

In other words, the opponents want me to pay for bulbs that don't deliver.

As a consumer, I don't want the industry to short change me. I want robust standards that allow me to enjoy quality lighting at a price I can afford. I support the CEC's proposal and reject the opposition's efforts to weaken the standards.

Sincerely,

Sampson Chan

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 9:53:46 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Bryan Lancaster

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 5:48:42 PM

Dear California Energy Commission,

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Sincerely,

Diane Berliner

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 5:40:19 PM

Dear California Energy Commission,

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Sincerely,

Courtney Merritt

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 4:56:17 PM

Dear California Energy Commission,

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Sincerely,

Jane Field

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 3:51:50 PM

Dear California Energy Commission,

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Sincerely,

Patricia Appel

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 3:14:27 PM

Dear California Energy Commission,

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Sincerely,

Christine Kroger

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 2:43:11 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Peter Flanagan

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 2:43:03 PM

Dear California Energy Commission,

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Sincerely,

Lorena Wolfe

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 2:06:19 PM

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Sincerely,

tamara mcready

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 12:44:57 PM

Dear California Energy Commission,

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Sincerely,

Shelley Brown

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 12:42:09 PM

Dear California Energy Commission,

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Sincerely,

Jo Zhou

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 9:08:25 AM

Dear California Energy Commission,

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Sincerely,

Rachel Zanetti

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 6:23:25 AM

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Sincerely,

Daniel Dowdle

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Tuesday, January 26, 2016 10:17:33 PM

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Sincerely,

Natasha Saravanja

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 11:05:46 PM

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Sincerely,

Sheedy Dehdashti P

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 8:27:44 PM

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Sincerely,

Alexandra Skwara

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 8:18:21 PM

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Sincerely,

Beth Goode

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 5:41:35 PM

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Sincerely,

Emily Bernath

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 5:16:31 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

The California Energy Commission (CEC) has proposed that general service LED lamps manufactured on or after January 1, 2018 shall have a CRI of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide an optimal combination of key performance attributes, luminous, color rendering and longevity.

The CEC has proposed stronger standards for LED lighting, which will save Californians billions in the coming years, and cut greenhouse gas emissions (GHG). These standards also allow us to enjoy the quality of full-color lighting we had with traditional light bulbs, but in an eco-friendly way.

However, opponents of the proposal claim the CEC wants to promote LED lighting that is more expensive and less efficient. This is a misunderstanding of what is being required of the lamps. The function of the general service lamp is to both illuminate a room and provide the ability to discern colors. Efficiency would be defined as its ability to perform both tasks with less energy. The opponents want to "improve" efficiency by making light bulbs that only do half the job. That's not efficiency, that's poor service.

In other words, the opponents want me to pay for bulbs that don't deliver.

As a consumer, I don't want the industry to short change me. I want robust standards that allow me to enjoy quality lighting at a price I can afford. I support the CEC's proposal and reject the opposition's efforts to weaken the standards.

Sincerely,

Dorothy Wilkinson

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 5:16:23 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

The California Energy Commission (CEC) has proposed that general service LED lamps manufactured on or after January 1, 2018 shall have a CRI of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide an optimal combination of key performance attributes, luminous, color rendering and longevity.

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Sincerely,

Dorothy Wilkinson

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 4:59:10 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

The California Energy Commission (CEC) has proposed that general service LED lamps manufactured on or after January 1, 2018 shall have a CRI of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide an optimal combination of key performance attributes, luminous efficacy, color rendering and longevity.

The proposed standards provide an opportunity for Californians to save \$4 billion over the next 13 years. By 2029, the standards will be saving about 3,000 Gwh per year, which is equivalent to about 400,000 average homes indefinitely or avoiding the construction of one 500 MW power plant. That means 10.3 million metric tons of CO₂ avoided between 2017 and 2029, which is equivalent to the emissions of about 168,000 cars.

However, opponents of the proposal want to weaken the standards, which will harm the reputation of LED lighting, thereby chipping away at potential monetary and energy savings, thwarting efforts to fight climate change and making them less enjoyable.

As a consumer, I don't want to see the standards weakened because it means I save less money, the planet suffers and I don't get to enjoy quality lighting at a price I can afford. I support the CEC's proposal and reject the opposition's efforts to weaken the standards.

Sincerely,

Jim Phillips

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 3:39:41 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

The California Energy Commission (CEC) has proposed that general service LED lamps manufactured on or after January 1, 2018 shall have a CRI of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide an optimal combination of key performance attributes, luminous, color rendering and longevity.

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Sincerely,

M Goddard

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Wednesday, January 27, 2016 12:22:19 AM

Dear California Energy Commission,

Dear Commissioner McAllister:

Thank you for the opportunity to comment on the revised 15-day proposal for small diameter directional LED lamps and General Purpose LED Lamps published on January 7, 2016.

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Sincerely,

John Miller

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 11:37:16 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Tony Zaccagnino

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 5:02:57 PM

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Carl Orr

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 2:27:09 PM

Dear California Energy Commission,

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Sincerely,

Susan Cliff

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 11:34:50 AM

Dear California Energy Commission,

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Sincerely,

Susanne Berntsson

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 9:12:02 AM

Dear California Energy Commission,

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Sincerely,

Caryn Cowin

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 7:46:31 AM

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Sincerely,

Joseph Szabo

From: [KnowWho Services](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 15-AAER-06
Date: Thursday, January 28, 2016 6:05:07 AM

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David Wappler