Docket Number:	15-AAER-06
Project Title:	Small Diameter Directional LED Lamps and General Purpose LED Lamp
TN #:	210099
Document Title:	Various Public Comments: Docket Number 15-AAER-06
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Docketed Date:	1/25/2016

Comment Received From: Various Public

Submitted On: 1/29/2016 Docket Number: 15-AAER-06

Docket Number 15-AAER-06

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

Additional submitted attachment is included below.

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 12:03 AM

To: Energy - Docket Optical System

Subject: Docket Number 15-AAER-06

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,

George Schneider

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 12:03 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAFR-06

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Sincerely,

Linda Nicholes

From:	KnowWho Services < noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 12:05 AM
То:	Energy - Docket Optical System

Subject: Docket Number 15-AAER-06

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Sincerely,

Helen Webb

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 12:31 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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,

Kimberly Hughes

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 12:31 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

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Sincerely,

Lorna Paisley

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 12:57 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Dear Commissioner McAllister:

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Sincerely,

Frederick Hamilton

From:

Sent:

Sincerely,

Ocon Alvarez

To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy	Commission,
Dear Commissioner Mo	:Allister:
	ortunity to comment on the revised 15-day proposal for small diameter directional LED lamps and amps published on January 7, 2016.
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KnowWho Services < noreply@knowwho.services>

Saturday, January 23, 2016 1:07 AM

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 1:13 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Fay Feichtmeir

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 1:18 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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,

Candy Bowman

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 1:32 AM
_	5 5 1 1 C 1 1 C 1

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

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,

Dale Peterson

That's not efficiency, that's poor service.

From:

Sent:

To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy Co	ommission,
Dear Commissioner McAll	lister:
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KnowWho Services < noreply@knowwho.services >

Saturday, January 23, 2016 1:34 AM

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Sincerely,

Julie Ciancio

From:	KnowWho Services < noreply@knowwho.services >
Sent:	Saturday, January 23, 2016 1:36 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Harlan Lebo

Jon Bazinet

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 1:41 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
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Dear Commissioner Mo	cAllister:
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From: KnowWho Services < noreply@knowwho.services >

Sent: Saturday, January 23, 2016 2:13 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Laurel Hamilton

Chris Eaton

From: Sent:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 3:01 AM</noreply@knowwho.services>
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy Commiss	ion,
Dear Commissioner McAllister:	
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Sincerely,	

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 3:38 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Dear Commissioner McAllister:

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Sincerely,

Bea Shemberg

Joyce Heyn

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 4:11 AM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>	
Dear California Energy Commission	on,	
Dear Commissioner McAllister:		
Thank you for the opportunity to o	comment on the revised 15-day proposal for small diameter directional LED lamps and shed on January 7, 2016.	
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Sincerely,		

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 4:15 AM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
Dear California Energy Com	mission,
Dear Commissioner McAllist	er:
	ity to comment on the revised 15-day proposal for small diameter directional LED lamps and published on January 7, 2016.
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Sincerely,	
B Chan	

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 4:41 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Heike Feldmann

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 4:53 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06

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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.

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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,

Dennis Ledden

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 5:16 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

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,

Sharon Doyle

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 5:34 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

R A Huycke-Mccall

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 5:34 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

R A Huycke-Mccall

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 5:51 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

John Steponaitis

From: KnowWho Services <noreply@knowwho.services>

Sent:Saturday, January 23, 2016 5:59 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Thomas Scott

Sent:Saturday, January 23, 2016 6:15 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Tamara Maher

Sent: Saturday, January 23, 2016 6:26 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Pam Hooley

Sent:Saturday, January 23, 2016 6:33 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Carolyn Nolan

Sent:Saturday, January 23, 2016 6:40 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Victor De La Cerda

Sent: Saturday, January 23, 2016 6:42 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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James Holder

Sent:Saturday, January 23, 2016 6:44 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Cheryl Freeman

Sent:Saturday, January 23, 2016 7:08 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Teresa Matta

Sent:Saturday, January 23, 2016 7:13 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Steve Santos

Sent:Saturday, January 23, 2016 7:14 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Dennis Landi

Sent:Saturday, January 23, 2016 7:24 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Todd Hack

Sent:Saturday, January 23, 2016 7:37 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Nancy Kelly

Sent:Saturday, January 23, 2016 7:38 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Gerry Fightmaster

Sent: Saturday, January 23, 2016 7:39 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Jary Stavely

Sent:Saturday, January 23, 2016 7:46 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Linnea Fronce

Sent:Saturday, January 23, 2016 7:53 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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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,

A Marsh

Sent:Saturday, January 23, 2016 8:05 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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,

Lynda Leigh

Sent: Saturday, January 23, 2016 8:09 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Dean Arrighi

Sent:Saturday, January 23, 2016 8:14 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Clare Colquitt

Sent: Saturday, January 23, 2016 8:16 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Brenda Hager

Sent: Saturday, January 23, 2016 8:31 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Erica Munn

Sent:Saturday, January 23, 2016 8:41 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Dear Commissioner McAllister:

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Sincerely,

Teri Lunn

Sent:Saturday, January 23, 2016 8:47 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Janie Lucas

Sent:Saturday, January 23, 2016 8:54 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Stefan Eberle

Sent:Saturday, January 23, 2016 8:58 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Henry Sanchez

Jane Forbes

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 11:18 AM
То:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energ	gy Commission,
Dear Commissioner N	ብcAllister:
	portunity to comment on the revised 15-day proposal for small diameter directional LED lamps and Lamps published on January 7, 2016.
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	t want the industry to short change me. I want robust standards that allow me to enjoy quality n afford. I support the CEC's proposal and reject the opposition's efforts to weaken the standards.
Sincerely,	

Dipal Gandhi

From: Sent: To:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 1:16 PM Energy - Docket Optical System</noreply@knowwho.services>
Subject:	Docket Number 15-AAER-06
Dear California Energy Commissi	ion,
Dear Commissioner McAllister:	
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Sincerely,	

Elfi Gilford

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 10:24 AM
То:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy	Commission,
Dear Commissioner Mo	cAllister:
	ortunity to comment on the revised 15-day proposal for small diameter directional LED lamps and amps published on January 7, 2016.
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Sincerely,	

From:

Pam Griffin

From: Sent:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 10:16 AM</noreply@knowwho.services>
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
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Sincerely,	

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 12:46 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Kimberly Anne Halizak

Gary Hamel

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 11:33 AM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
,	
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
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Sincerely,	

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 2:54 PM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Thomas Hand

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 2:47 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Brenda Hattisburg

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 2:33 PM
T	Francis Dadiet Outland Contains

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

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Sincerely,

Faith Herschler

From: KnowWho Services < noreply@knowwho.services >

Sent:Saturday, January 23, 2016 9:13 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Jim Humphrey

Robin Ikeda

From:	KnowWho Services < noreply@knowwho.services >
Sent:	Saturday, January 23, 2016 2:10 PM
То:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy Commission	on,
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In other words, the opponents wa	nt me to pay for bulbs that don't deliver.
	dustry to short change me. I want robust standards that allow me to enjoy quality pport the CEC's proposal and reject the opposition's efforts to weaken the standards.
Sincerely,	

From:

Sent:

Sincerely,

Hilary Jones

To: Subject:	Energy - Docket Optical System Docket Number 15-AAER-06
Dear California Energy	Commission,
Dear Commissioner Mo	Allister:
	ortunity to comment on the revised 15-day proposal for small diameter directional LED lamps and amps published on January 7, 2016.
1, 2018 shall have a CR	commission (CEC) has proposed that general service LED lamps manufactured on or after January I of 82 or greater and individual color scores (R) of 72 or greater. These new regulations provide n of key performance attributes, luminous, color rendering and longevity.
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In other words, the opp	ponents 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.

KnowWho Services < noreply@knowwho.services >

Saturday, January 23, 2016 10:44 AM

Robert Kurz

From:	KnowWho Services < noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 1:45 PM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
Thank you for the opportunity to o General Purpose LED Lamps publis	comment on the revised 15-day proposal for small diameter directional LED lamps and shed on January 7, 2016.
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Sincerely,	

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 10:11 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06

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,

Sharon Lacy

From:	KnowWho Services < noreply@knowwho.services >
Sent:	Saturday, January 23, 2016 9:24 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06

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,

Lynn Learch

From: KnowWho Services <noreply@knowwho.services>
Sent: Saturday, January 23, 2016 11:38 AM
To: Energy - Docket Optical System

Subject: Docket Number 15-AAER-06

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,

Sanda Logan

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 9:01 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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,

Robert Magarian

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 11:59 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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,

Denise and Patrick Mayosky

T J Mercer

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 9:56 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energ	gy Commission,
Dear Commissioner N	VicAllister:
·	portunity to comment on the revised 15-day proposal for small diameter directional LED lamps and Lamps published on January 7, 2016.
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Sincerely,	

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 9:46 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

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,

Barbara Mesa

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 9:54 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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,

Nikita Metelica

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 9:57 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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,

Golda Michelson

From:

Sent:	Saturday, January 23, 2016 2:08 PM	
To:	Energy - Docket Optical System	
Subject:	Docket Number 15-AAER-06	
Dear California Energy C	Commission,	
Dear Commissioner McA	dlister:	
	tunity to comment on the revised 15-day proposal for small diameter directional LED lamps and mps published on January 7, 2016.	
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KnowWho Services < noreply@knowwho.services >

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Sincerely,

Melissa Miller

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 9:22 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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,

William Modesitt

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 3:24 PM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
Thank you for the opportunity to General Purpose LED Lamps publi	comment on the revised 15-day proposal for small diameter directional LED lamps and shed on January 7, 2016.
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	ndustry to short change me. I want robust standards that allow me to enjoy quality upport the CEC's proposal and reject the opposition's efforts to weaken the standards.
Sincerely,	
Carla Neal	

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 3:29 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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,

Victor J Ortega

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 9:10 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Sandra Peterson

Robin Piane

From: Sent: To:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 2:36 PM Energy - Docket Optical System</noreply@knowwho.services>
Subject:	Docket Number 15-AAER-06
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
Thank you for the opportunity to General Purpose LED Lamps published	comment on the revised 15-day proposal for small diameter directional LED lamps and shed on January 7, 2016.
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From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 1:10 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Ryan Schrader

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 9:29 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Dear Commissioner McAllister:

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Sincerely,

Koorosh Shahidzadeh

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 10:56 AM

To: Energy - Docket Optical System

Subject: Docket Number 15-AAER-06

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,

Michael Sheffield

From:	KnowWho Services <noreply@knowwho.services></noreply@knowwho.services>
Sent:	Saturday, January 23, 2016 9:51 AM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06

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,

Ralph Smith

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 9:12 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Robert Snyder

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 10:58 AM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Julie Spengler

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 12:57 PM

To: Energy - Docket Optical System **Subject:** Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Linda Stewart

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 10:08 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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,

S J Stratford

From: KnowWho Services < noreply@knowwho.services > Sent: Saturday, January 23, 2016 11:45 AM

To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Brian Stumpp

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 9:50 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Judith Thielen-Butts

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 10:35 AM

To: Energy - Docket Optical System

Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

James Tinsky

April Toller

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 12:41 PM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
Thank you for the opportunity to General Purpose LED Lamps publi	comment on the revised 15-day proposal for small diameter directional LED lamps and shed on January 7, 2016.
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	ndustry to short change me. I want robust standards that allow me to enjoy quality upport the CEC's proposal and reject the opposition's efforts to weaken the standards.
Sincerely,	

Sincerely,

Steve Tyler

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 9:31 AM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
Dear California Energy Commission	on,
Dear Commissioner McAllister:	
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From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 2:11 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

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Sincerely,

Shana Van Meter

From: KnowWho Services < noreply@knowwho.services >

Sent:Saturday, January 23, 2016 3:36 PMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Marco Vasquez

From:

Sincerely,

Steve Vicuna

Sent:	Saturday, January 23, 2016 3:43 PM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy	r Commission,
Dear Commissioner M	cAllister:
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standards will be savir avoiding the construct	ds provide an opportunity for Californians to save \$4 billion over the next 13 years. By 2029, the 19 about 3,000 Gwh per year, which is equivalent to about 400,000 average homes indefinitely or 19 ion of one 500 MW power plant. That means 10.3 million metric tons of CO2 avoided between 19 is equivalent to the emissions of about 168,000 cars.
• •	of the proposal want to weaken the standards, which will harm the reputation of LED lighting, at potential monetary and energy savings, thwarting efforts to fight climate change and making
	want to see the standards weakened because it means I save less money, the planet suffers and I lity lighting at a price I can afford. I support the CEC's proposal and reject the opposition's efforts rds.

KnowWho Services <noreply@knowwho.services>

From: KnowWho Services < noreply@knowwho.services>

Sent:Saturday, January 23, 2016 11:49 AMTo:Energy - Docket Optical SystemSubject:Docket Number 15-AAER-06

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Sincerely,

Sean Wayland

Steve Wendt

From: Sent: To: Subject:	KnowWho Services <noreply@knowwho.services> Saturday, January 23, 2016 12:51 PM Energy - Docket Optical System Docket Number 15-AAER-06</noreply@knowwho.services>
Dear California Energy Commission	on,
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Sincerely,	

From:	KnowWho Services < noreply@knowwho.services >
Sent:	Saturday, January 23, 2016 3:09 PM
To:	Energy - Docket Optical System
Subject:	Docket Number 15-AAER-06
Dear California Energy Commissi	on,
Dear Commissioner McAllister:	
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Sincerely,	
Blake Wu	

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 11:14 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Alexander Yeung

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 11:25 AM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

Dear Commissioner McAllister:

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Sincerely,

Holly Yokoyama

From: KnowWho Services < noreply@knowwho.services>

Sent: Saturday, January 23, 2016 2:38 PM
To: Energy - Docket Optical System
Subject: Docket Number 15-AAER-06

Dear California Energy Commission,

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Sincerely,

Anastasia Yovanopoulos