



Lamps V2.0 Proposal Discussion (2 of 4)

November 13, 2015

1-2:30pm EST

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Today's Agenda

- Recap discussion from previous call
- Open Discussion

This meeting is being recorded. EPA intends to post recordings of the four scheduled meetings to inform stakeholders unable to attend.



Welcome

- Questions/comments welcome
 - For everyone's benefit, please state name and organization before commenting
 - Can ask questions via the webinar chat at any time



Top-Level Re-Cap of 11/12 Discussion

Rated Life:

- Support was shared by multiple stakeholders for the proposed 15,000 hour life requirement for Omnidirectional lamps
- One manufacturer suggested EPA consider a 15,000 for directional lamps as well (for residential customers)
- Several efficiency advocates suggested EPA maintain 25,000 hour life requirement for directional lamps
- Testing would be the same as for decorative lamps, 86.7% lumen maintenance at 6,000 hours (93.1% at 3,000 hours for initial cert)

Power Factor:

- No strong support or opposition
- Some cautionary comments were shared and one proposal to require 0.7 for directional products



Top-Level Re-Cap of 11/12 Discussion

Omnidirectional Proposal:

- One manufacturer expressed concern that the proposed change was not as generous as they had hoped but has since submitted written comments in support of this proposal.

Efficacy Proposal

- One efficiency advocate expressed concern about 61 LPW requirement for directional lamps with CRI ≥ 90
- EPA explained that the level would allow for the specification to accommodate a wide range of performance for these products that would be necessary to accommodate a variety of markets and customers.



Top-Level Re-Cap of 11/12 Discussion

Misc Topics

Effective Date/Transition Period:

- One efficiency advocate recommended a more gradual transition time (18 months rather than 12 month) to give CFLs more time in the market.
- EPA reminded partners that the program provides an archive QPL for reference that utility programs can reference for ongoing rebates past the effective date.

Specification Development Process Overview

- Draft 1
 - Draft 1 released February 13, 2015
- Draft 2
 - Released April 10, 2015
- Draft 3
 - Released August 6, 2015
- Final Specification
 - Estimated completion January 2016
- Effective date
 - Estimated January 2017

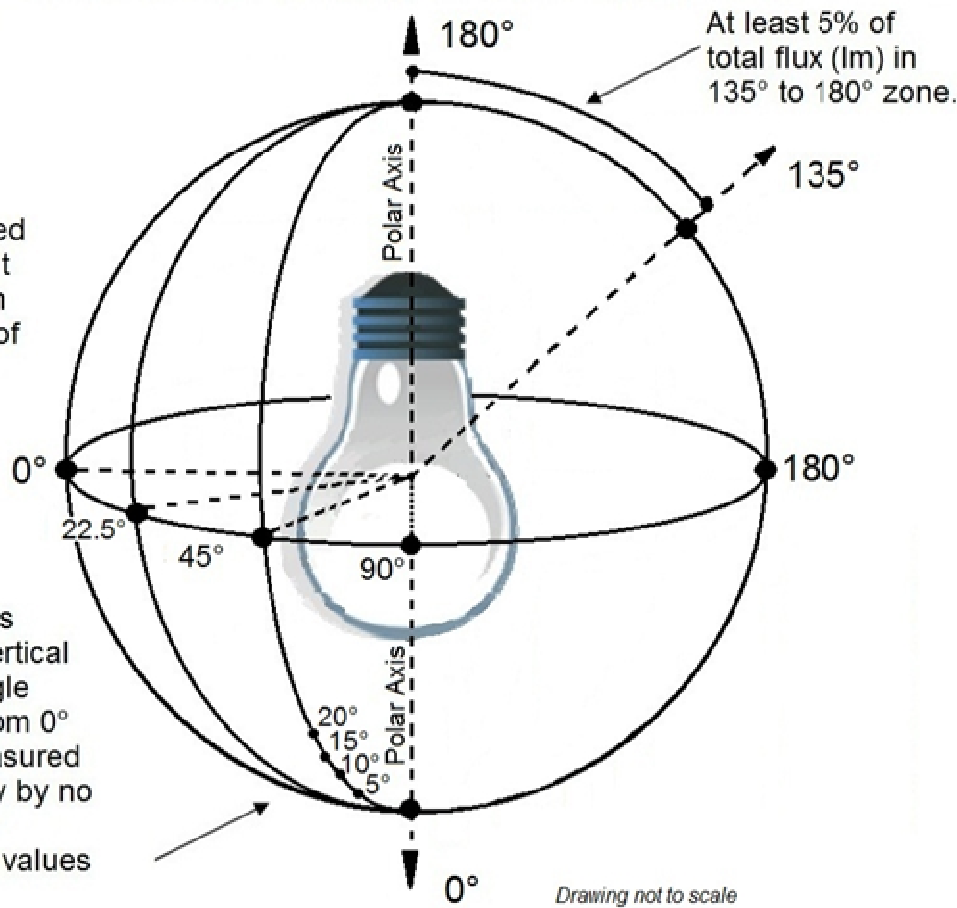


Omnidirectionality (current)

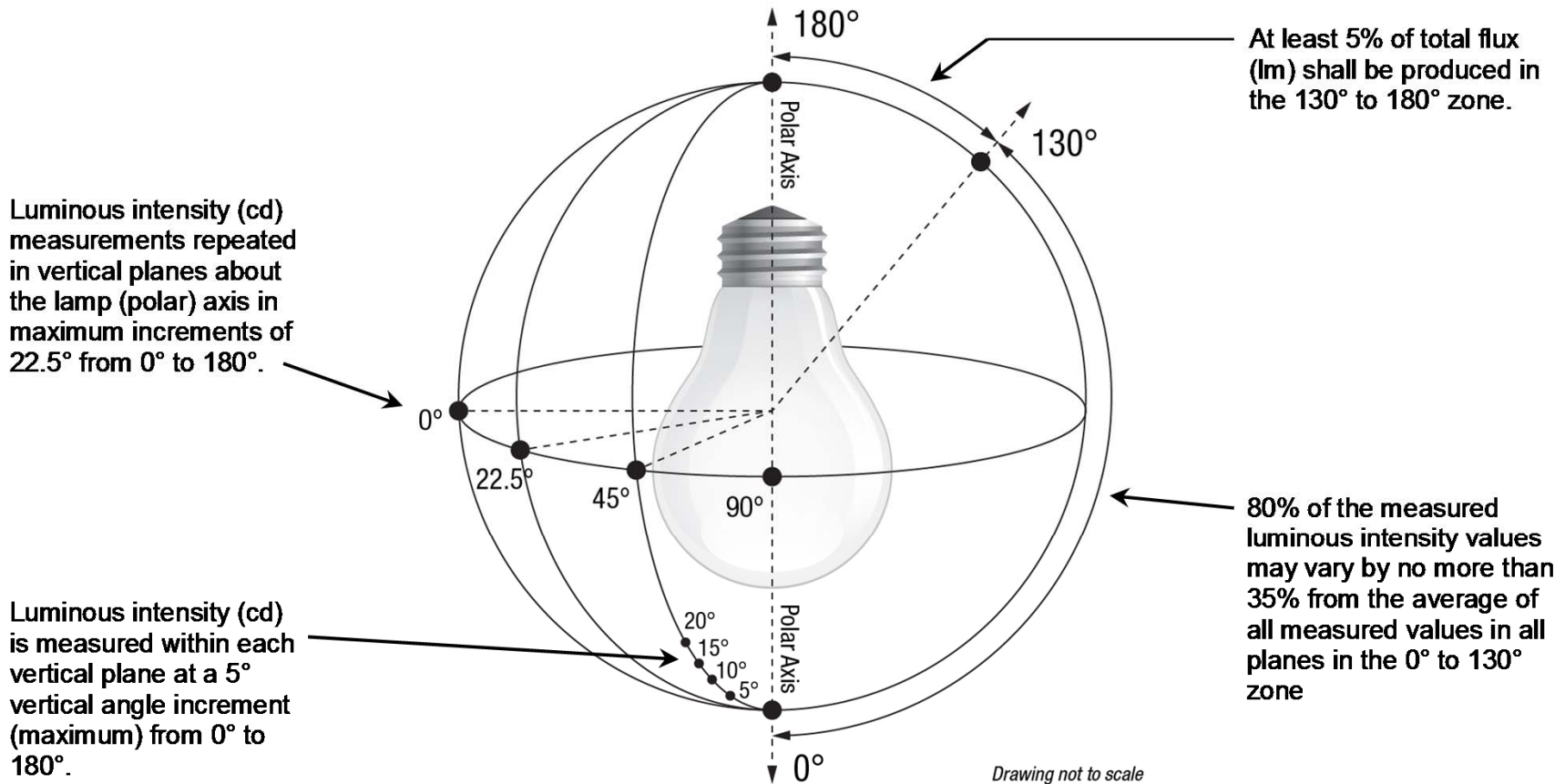
Omnidirectional lamp in base-up position

Measurements repeated in vertical planes about the lamp (polar) axis in maximum increments of 22.5° from 0° to 180°

Luminous intensity (cd) is measured within each vertical plane at a 5° vertical angle increment (maximum) from 0° to 135°. 90% of the measured intensity values may vary by no more than 25% from the average of all measured values in all planes.



Omnidirectionality (proposed)





Efficacy (proposed for 2017)

Lamp Type	ENERGY STAR Requirements	
	Reported values for each lamp model shall meet the applicable requirement in the table below. Additionally eight or more units individually shall meet the requirement.	
	Minimum Lamp Efficacy (initial lm/W)	
	CRI ≥ 90	CRI < 90
Omnidirectional	70	80
Directional	61	70
Decorative	65	



Discussion Time

- Questions?
- Send comments and questions after the meeting to:

lighting@energystar.gov

