

## DOCKETED

<b>Docket Number:</b>	15-BSTD-05
<b>Project Title:</b>	2016 Nonresidential Compliance Manual and Documents
<b>TN #:</b>	205939
<b>Document Title:</b>	Robert A. Shearer Comments: NRCA-LTI-03-A 07 Default LED Illumination to Power Line on Dfc Graph
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*Comment Received From: ROBERT A. SHEARER*

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**NRCA-LTI-03-A 07 Default LED Illumination to Power Line on Dfc Graph**

*Additional submitted attachment is included below.*

Aug 31st, 2015

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COMMENT PERIOD  
RE: 2016 Nonresidential  
Compliance Manual and Documents

**Re: Docket # 15-BSTD-05**  
**2016 Acceptance Testing Forms: Comment 07**

***INTRODUCTION:***

The author is primarily concerned with changes to the Lighting Controls Acceptance Certification Forms included in the back of the 2016 Nonresidential Compliance Manual and will reserve comments on the other content of this manual.

***ABSTRACT:***

Regarding previous discussions with CEC staff – no “Default Line” is presented on page 8 of the Automatic Daylighting Control Acceptance Testing for: Continuous Dimming Systems ... Power estimation using light meter measurement.

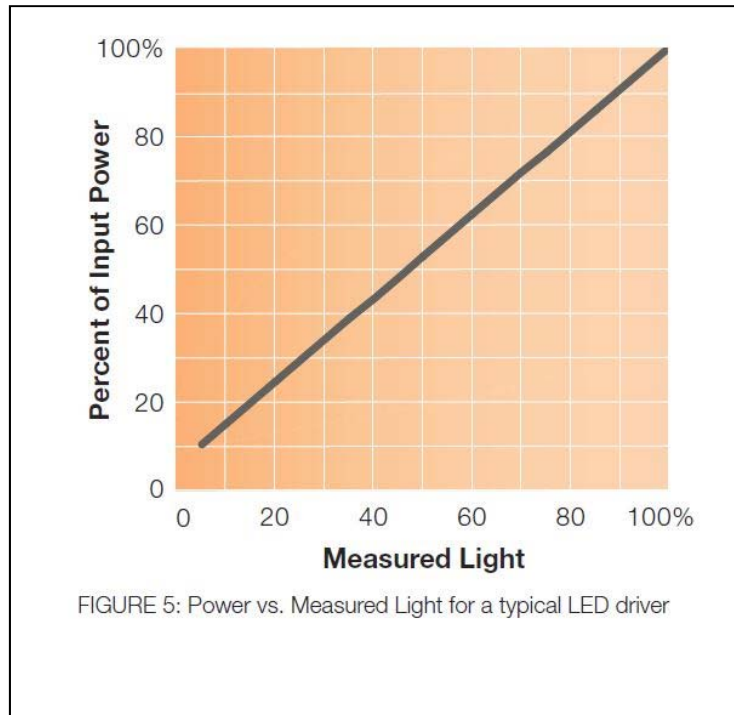
It is suggested that the default power-to-illumination chart provided by a “Technical white paper”<sup>\*</sup> prepared by LUTRON, (Page 6, Figure 5. At - [http://www.lutron.com/TechnicalDocumentLibrary/367-2035\\_LED\\_white\\_paper.pdf](http://www.lutron.com/TechnicalDocumentLibrary/367-2035_LED_white_paper.pdf) ), be adopted, (or used as a model).<sup>\*\*</sup>

\* This “white paper” was discovered presented on the LUTRON website and is assumed to be for “public consumption” – a portion presented here without any further permission requested from LUTRON.

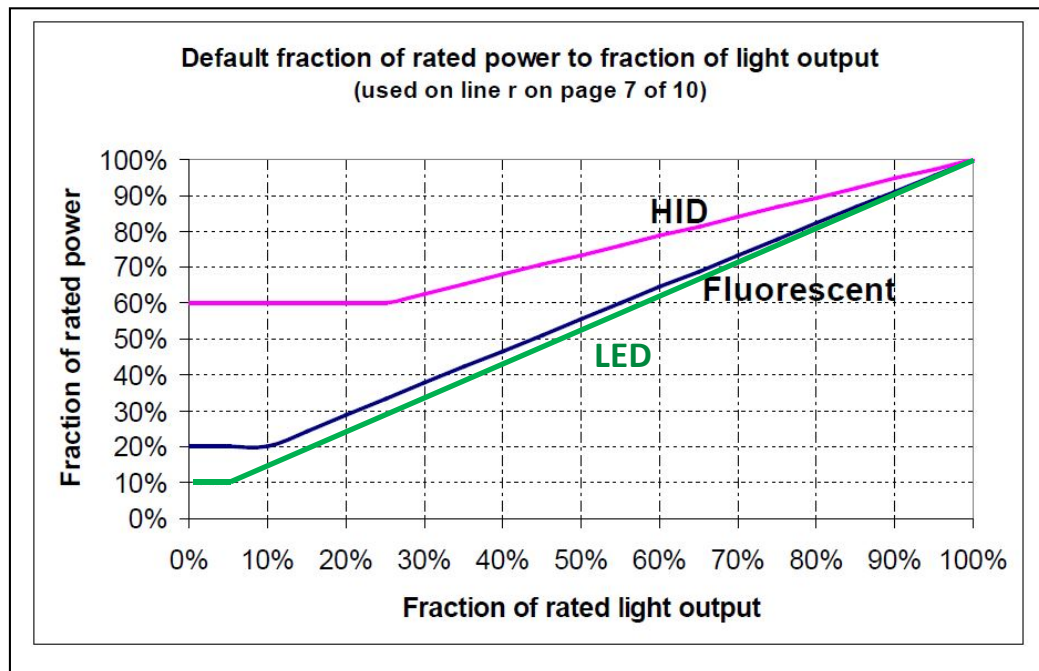
\*\* The author of this comment wishes to thank Mr. Phil Hall for discovering this paper and bringing it to my attention.

**COMMENTS:**

Without any further comment the Illumination-to-Power Graph is shown here:



... And this would appear on NRCA-LTI-03-A, page 8, in a manner similar to this:



***CONCLUSION:***

The author extends his gratitude to LUTRON for this information.

The “white paper” may be easily located on their site by entering “white papers” in their search bar and selecting “Controlling LEDs ...”, the first paper that turns up.

Thank you for considering my comments,

Robert A. Shearer, BSEE