

Email received September 11, 2008

Dear Mr. Karney,

I have reviewed the proposed category "A" additions and have the following comments on "Application Requirements" on "Outdoor pole/arm mounted area and roadway luminaires."

Ranges of percentages of the maximum candelas are specified for various angular ranges. For example "35%-60% of the max. cd. in the 25° - 45° range." A footnote states "All percentages are $\pm 5\%$."

This is unclear to me. Does this mean that the lower limit is anywhere from 30% to 40% and the upper limit is from 55% to 65%. If this is so, then the range is actually 30% to 65%, and could be stated simply as such.

A second interpretation is possible. In this example, 5% of 35% is 1.75%. Is the lower limit therefore to be $35 - 1.75 = 33.25\%$? 5% of 60% is 3%, therefore is the upper limit 63%? i.e. Is the range in fact to be interpreted as 33.25 to 63%?

This point requires clarification so that my testing company can issue pass/fail test reports that are unambiguous.

As a footnote, I am delighted to see the logical, solid progress being made in this area.

Sincerely,

Ian Lewin Ph.D., FIES, L.C.