

David L. Crawford

To Whom it may concern,

2/25/15

I am the Founder and retired CEO of the International Dark Sky Association. The IDA was created to protect the night time environment against light pollution. Tonight's battle is different in that lighting has converted to LED, and we are combatting color temperature, meaningless lumen outputs, and poorly designed outdoor lighting products.

This letter is intended to be a review of the VUE Series LED fixture by NLS Lighting. From a dark sky and light trespass standpoint, the "VUE" is an excellent choice for most any outdoor application. To begin with, the "VUE" is one of the only if not the only LED fixture I have seen which has the light source recessed two to three inches above the bottom plane of the housing. Additionally NLS has designed multiple optical choices to fit the application of almost any lighting design. The "VUE" hides its light source and reflects light where it is required without waste. The "VUE" is an excellent choice particularly considering that many fixtures are evaluated by total lumens regardless of whether or not they are targeted correctly. Also most other companies I have observed either use lensed optics located at or just below the bottom plane of the fixture and so are impossible to shield from long distances from any vantage point below the bottom plane of the fixture.

The President of NLS Lighting, Bill Hein, has been a devoted advocate to dark sky and full cutoff lighting fixtures. Mr. Hein was instrumental in the development of outdoor luminaires with flat lenses that outperformed convex lensed luminaires that were being used throughout the country. I am happy to see that Mr. Hein has designed a new patent pending optical system once again (The "Star Power Optical System") that has high application efficiency performance while hiding the light source deep within the fixture housing.

If you have any questions whatsoever regarding this letter please do not hesitate to write or to call myself.

Sincerely,

Dave Crawford

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