

Field-Adjustable Light Distribution: Key Questions

The DLC would like your input!

If you have ideas, comments, or suggestions for how to address these issues (or any others), please send your comments and supporting technical justification to info@designlights.org.

1. The prior draft proposed that only products where the light distribution could be altered using integral means without requiring any removable or optional products would be eligible. In response to stakeholder comments, the DLC has proposed an expansion of the policy with this draft to specify testing and reporting requirements for three distinct types of FALD products:
 - a. **Integral Field-Adjustable Light Distribution Products** – Products where the distribution can be altered by electrical or mechanical means without the addition, removal, or replacement of any parts or accessories. The adjustment is integral to the product. For example, a luminaire with rotatable light bars to aim the light at different angles would fall under this category.
 - b. **Standard Accessory Field-Adjustable Light Distribution Products** – Products where the distribution is altered by adding or removing parts or components that are shipped as standard components with the product under a single model number. For example, a luminaire that is standard shipped with three reflectors under a single model number and the installer chooses one of the reflectors during the installation and stores or discards the other two reflectors, would fall under this category.
 - c. **Optional Accessory Field-Adjustable Light Distribution Products** – Products where the distribution is altered by adding or removing optional parts or components. A customer must specify and order these optional components to be able to adjust the distribution of the luminaire. For example, a luminaire that is available with 3 different reflectors with unique model number variations for each reflector, and the customer chooses via the model number which reflector is shipped with the luminaire.

The DLC seeks comments on the overall expansion of the policy and the test methodology proposed for each FALD type.

2. With the expansion of the policy to allow other types of FALD products, this creates the potential for products that utilize a combined approach of Integral

FALD, Standard Accessory FALD and/or Optional Accessory. For example, a product that includes integral adjustments to distribution in addition to a set of removable/replaceable lenses to alter the distribution would be both Integral FALD and Standard Accessory FALD. The DLC has proposed methodologies for how to qualify these FALD products of multiple types.

- a. Is there a need to include such products in the policy?
- b. Are there concerns with the proposed eligibility and test methodology?