

City of Los Angeles
Bureau of Street Lighting
LED Equipment Evaluation Procedures
10/20/20

- **Request for Equipment Evaluation**

In order for LED equipment to be evaluated by the Bureau of Street Lighting, interested parties must meet the **Minimum Requirements for Testing and Evaluation of LED Equipment as posted in our Web page**. To submit a request (**LED Street Lighting Energy Efficiency Program contact information**) email nick.tran@lacity.org and cc both james.quigley@lacity.org and richard.sarigumba@lacity.org

- **Review of Engineering and Technical Documentation**

After making the initial request, interested parties will be asked to provide engineering and technical information (including ies files) related to the product. This information must show that the equipment meets the **Minimum Requirements for Testing and Evaluation of LED Equipment**.

- **Sample Equipment**

After BSL has evaluated the submitted engineering and technical information, a meeting or presentation may be arranged with the Equipment Evaluation Section in order to present the complete sample luminaire.

- **Lab Evaluation**

All equipment submitted for lab testing shall be evaluated based on four different sets of criteria.

1. Electrical performance (power consumption verification)
2. Mechanical performance
3. Ease of Maintenance
4. Aesthetics

Components such as drivers and LED assemblies will not be accepted unless they are delivered in a standard commercially available housing. The complete assembly shall be identifiable by a factory catalog number.

- **Verification of .IES Files**

Once the lab evaluation is complete the BSL will send the luminaire to a BSL approved lighting laboratory to create an IES file of the unit submitted. This file will be sent directly to the BSL and will be used to verify the original documentation. **The manufacturer/vendor is responsible for the cost of creating this IES file.**

Upon completion of the lab report, the manufacturer will coordinate with the lab to pick up the luminaire and either:

1. return the (approved) fixture to BSL for use as a reference fixture for future purchases or
2. send back to the manufacturer in the event of the luminaire being rejected.

- **Solar All-In-One testing**

For solar all-in-one luminaires, additional testing will be required at the lighting laboratory to confirm run times.

NOTE: All fees will be paid for by the manufacturer.