

BUREAU OF STREET LIGHTING DIRECTIVE NO. 418
BUREAU WIDE TESTING AND EVALUATION OF NEW LUMINAIRES

This Directive is issued to standardize new luminaire testing and evaluation. Effective immediately, the existing Energy Efficiency Division is renamed to New Technology and Energy Efficiency Division (NTEED) and the LED Testing and Evaluation Section is renamed to Research, Testing and Evaluation Section (RTES).

NTEED will conduct all luminaire testing and evaluation for all the Divisions in the Bureau including decorative fixtures, and lamp retrofits. This will include all electrical testing, mechanical, lighting evaluations and field tests. The new equipment will be evaluated on a specific project basis and will include any special lighting fixture using the latest technologies. NTEED is also responsible for batch testing, in accordance with the BSL Blue Book, of special lighting fixtures for contractor's and FOD's purchases.

The Design Division responsibilities will include the following:

- Preliminary research to identify suitable candidate luminaires for use in their project
- Arranging a meeting with NTEED to establish lighting criteria and project schedule
- Coordination with the luminaire manufacturer to supply NTEED with the appropriate specification sheets and IES photometric files.
- It is the responsibility of the Design Division to monitor the progress of the testing and evaluation of their unit. (NTEED will not provide regular status reports to Divisions)
- Arrange for final return/pick up of test unit(s) to the manufacture at the end of the process.
- All Divisions are required to forward any relevant data acquired through previous evaluations to be incorporated in the new inclusive database.

NTEED will conduct the equipment testing and evaluations of the units. If photometric files meet our standards then NTEED will arrange for submittal of the test unit from the manufacturer. The NTEED will provide recommendations to the Director for final approval. NTEED will maintain a list of all approved units. Design Division shall not use a unit unless it is on the approved list.



Ed Ebrahimian, Director
Bureau of Street Lighting

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Distribution: Engineering staff and FOD Supervisors

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