

September 2008

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**Manufacturers,
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market actors are
supporting this
initiative.**

**Check out the
HPT8 fixture list
for easy product
ordering**

**Visit the HPT8
Website to see
who is
participating.**

For more information:

**www.designlights.org
or call 866-440-HPT8**

Email: HPT8@icfi.com

Welcome to New Participants!

Northeast's High Performance T8 (HPT8) initiative new Participants:

- Harris Lighting, Inc (fixture manufacturer): **According to Chris Dovel, Regional Sales, "Harris Lighting provides solutions and strives to give customers the right solution with the highest energy savings. HPT8 systems are part of the formula for success."** Harris offers a line of High Performance T8 Systems, including highbay and lowbay fixtures, which are now included in the HPT8 fixture list posted on the HPT8 Website.
- Northeast Electrical Distributors, Williston, VT Branch (distributor): **John Corbin, Branch Manager stated, "Northeast Electrical Distributors is a leading reseller of HPT8 fixtures and lamps to the contractor and industrial markets and is honored to participate in the regional HPT8 initiative."**

If you are not already a Participant in this exciting program, we urge you to contact the HPT8 hotline to get your company involved. With your company listing on the HPT8 Website, contractors, end-users, and other companies looking for HPT8 technologies can easily locate your company.

The HPT8 fixture list continues growing with over 1,300 fixtures from eleven manufacturers. Sorted by both manufacturer and fixture type, this list helps lighting practitioners identify fixtures containing HPT8 ballasts. Please check with participating utilities to be sure the selected fixtures meet their program efficiency or glare criteria.

HPT8 Training Opportunities

This year's HPT8 outreach includes a series of training sessions being held throughout the Program Sponsors' territories. Training focuses on proper lamp and ballast selection and best practices for designing with HPT8 Systems.

In July, about fifty people attended the training session presented in Burlington Vermont sponsored by Efficiency Vermont. Future sessions are scheduled for New Hampshire, Massachusetts, Maine, Long Island, and upstate New York. To learn about training sessions in your area, please visit the "Event" page on the DLC HPT8 website.

<http://www.designlights.org/hpt8/events.htm>

Designing With HPT8 Systems

Ballast Factor (BF) is the ratio of lamp lumens produced when lamp(s) are operated by a given ballast compared to the lamp lumens produced when the lamps(s) are operated on a reference ballast. BF has a direct effect on fixture energy use, light levels, and glare. BF is referred to in three ranges:

- High BF (above 1.0)
- Normal BF (between 0.85 and 1.0)
- Low BF (below 0.85)

As BF decreases, so does the energy use (lower wattage), light levels (less lumens available), and glare (lower luminous intensity). Both standard and High Performance T8 ballasts are available in all three BF ballast ranges. The difference is that HPT8 ballasts typically use about seven percent less energy than standard T8 ballasts with the same BF without affecting light levels or glare. This is accomplished by using more efficient electronics resulting in more of the ballast wattage being used to generate light, rather than heat. For your customers, seven percent in energy savings can translate into thousands of dollars over the life of the ballast.

Low BF ballasts offer the greatest savings when using the same number of lamps and fixtures. However, in certain applications high BF ballasts may allow you to design with fewer lamps per fixture, or fewer fixtures. Choosing HPT8 high BF ballasts will reduce the overall wattage compared to standard high BF ballasts.

For each application, it is important to evaluate all the HPT8 ballast options to make sure the client receives the right product for their lighting solution. In office applications, HPT8 low BF is typically the best choice, while HPT8 high BF is typically the best choice for highbay applications.

Please let us know if you have an HPT8 Systems success story to share by contacting us at HPT8@icfi.com.

HPT8 Contact Information:

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We're on the Web!
www.designlights.org

Many regional incentive programs have changed in 2008. We urge you to check the HPT8 Website for updates to the individual programs.

DLC HPT8 Sponsors

Cape Light Compact	New Jersey Clean Energy Program
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