



HET
LED

Flexibility in LED Lighting



H. E. WILLIAMS, INC.

Maximum Flexibility

Meeting the demands of architects, designers and builders in today's marketplace requires the flexibility of Williams' HET. The complete family of recessed architectural products combines the latest technologies with form and function to produce a high-performance fixture for nearly every interior application.

Featuring customized maximum power consumption and light levels, our LED HET fixtures can be factory-set to your specifications. This feature provides a wide range of light output levels and system wattages, allowing you to meet energy code and lighting design requirements. Williams' LED HET can also be dimmed using 0-10V or DALI protocols to achieve even greater energy savings and allowing for more flexible design.

Originally offered as Williams' "High Efficiency Troffer," the LED version of our HET product family continues the trend toward efficient lighting as it delivers high lumen output in a wide variety of energy-saving, high-efficacy fixtures. With sizes ranging from a 1' x 1' to 2' x 4', applications including static, air return or surface mount, and a multitude of LED packages up to 7600 lumens, the wide reaching capability of Williams' HET offers efficient solutions for any project, large or small.

Downlight

Williams' 1'x1' downlight enhances the complete HET family by providing a compact option for use in limited space applications. The simplicity of the square form adds interest to architectural projects and works well in hallways, nooks, or as a featured design element.



Recessed Static

Available in three sizes, the static version of Williams' LED High Efficiency Troffer meets the needs of numerous lighting projects. The 1'x4', 2'x2', and 2'x4' recessed architectural fixtures share the same design features for a seamless transition within large-scale projects.



HET LED Product Features

- Attractive and efficient architectural fixture delivers comfortable, uniform illumination.
- Power and light levels can be custom set to meet energy and design needs.
- 0-10V and DALI dimming available.
- Rated 50,000 hours at 70% lumen maintenance (L70).
- Mid-powered LEDs minimize effect of “pixelization” on acrylic diffuser(s) and help reduce thermal impact on fixture.
- Light engine and driver system by Philips.
- Lumen levels up to 1600 (1x1), 3800 (1x4 and 2x2), or 7600 (2x4).
- Fixture design allows LED technology to be added seamlessly to any existing HET project.
- Housing design helps dissipate heat.
- 80 CRI minimum.
- Up to 73-75 lumens per watt (LPW) efficacy.
- 3000K, 3500K, 4000K correlated color temperature options.
- Frosted acrylic diffuser(s) combined with highly reflective matte white paint provides high optical efficiencies and visual comfort.
- One-piece diffuser eliminates the need for a separate overlay.
- Optional anti-microbial powder coating available.
- This fixture is proudly made in the USA.



Recessed Air Return

Designed to provide air return capability, this fixture style allows designers to reduce the number of unsightly ceiling vents. The black reveal further enhances the overall project appearance by minimizing the visible dirt and dust often associated with the air return function (available in 1x4, 2x2, and 2x4).



Surface Mount

Perfect for non-grid or retrofit applications, the surface mount HET with LED technology is available in three sizes and features the same architectural design elements as Williams' recessed and downlight HET fixtures. .



LED Technology

Philips Fortimo LED Light Engine

The sleek linear Fortimo LED light engines provide a fixed form factor and consistent high-quality white light suited for use in fixtures traditionally designed for fluorescent technology.

Driven by a state-of-the-art Xitanium driver, Philips energy-efficient Fortimo LED system is scalable and upgradable, offering a future-proof source for Williams' architectural HET Series.

A choice of lumen outputs and color temperatures is provided in future-proof packages that won't change over time. The excellent lumen maintenance and long lifetime of up to 50,000 hours¹ make frequent re-lamping a thing of the past: a promise that is backed up by Philips' five-year limited warranty.

Fortimo LED system is highly robust, providing great lumen output while efficacy upgrades can be easily implemented when available.

LED Light Engine Features & Benefits

- High-efficiency design to minimize energy usage.
- Reduced re-lamping cycles.
- Color quality and consistency.
- High quality white LED light with minimum 80 CRI.
- A variety of lumen values and color temperatures.

¹ Average rated life is based on engineering data testing and probability analysis. Rated 50,000 hours at 70% lumen maintenance (L70).



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