

Press Release

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U.S. DOE's Ultra Efficient Office Building Uses Finelite LED Products

Project moves another step towards LEED Platinum certification

Union City, CA – 05/24/2011 – Finelite, the CA-based lighting-systems manufacturer, and MH Lighting, a CO-based lighting representative, provided the new Research Support Facility (RSF) on the campus of U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) in Golden, CO with efficient task lighting for employee use in the RSF. The Research Support Facility is one of the largest ultra energy efficient buildings in the U.S., and was recently featured in *The Wall Street Journal* and the February issue of *Lighting Design + Application (LD+A)* magazine.

High standards set for low energy usage.

With the nation watching, the client set the energy-efficiency bar high – 50 percent less energy usage than national codes. The 222,000-sq ft facility is part of the NREL and houses 800+ employees. With such an educated, high profile client, team members were challenged to meet energy efficient goals with every detail – down to the last watt.

With plenty of daylight, the architectural firm for the project, RNL, specified lower energy overhead ambient illumination systems, as well as daylight sensors and an LED desk light for each workstation to help meet the “energy budget” of 55 watts per workstation.

Finelite outshines competitors in LED mock-up test.

Rachel Petro, senior associate and lighting designer at RNL, said her team set up a tabletop test of LED task lights after users complained the task lights tested in a mock-up were “not flexible enough.” From that tabletop test, Petro's team felt “Finelite was without question the best choice for the Research Support Facility.”

Finelite met very high standards set by the design team. Compared with a field of half-a-dozen other LED task lights, the Research Support Facility design team chose Finelite's PLS LED desk lamp because it had:

- A low 6-watt power option
- Superior range of adjustability
- Uniform light levels that were not too bright
- Consistent color temperature which was matched to the overhead CCT (some LED desk lamps can appear too blue, too amber, or have visible color striations)
- An overall aesthetic and minimal appearance which was preferred by the project's interior design group
- An occupancy sensor option (the Research Support Facility likes having the option to add at a later date)
- A price that was able to fit within the budget

Finelite impacts project greatly with it's PLS desk lamp.

Using Finelite's PLS LED desk lamp, employees can augment the amount of light at their workspace to suit their personal needs. At 6 watts per fixture vs. more traditional compact fluorescent or halogen options, significant energy savings were achieved.

Finelite's elegant PLS LED desk lamp is available in three sizes, two finishes, and multiple watt packages to tailor it to the individual user needs. Their latest LED desk lamp, The Curve, includes dimming for even more user control.

The plus side of PLS.

Part of the Integrated Office Lighting System (IOLS), the PLS lamp can be combined with undercabinet lights for a full workstation lighting solution and can provide the potential to earn maximum LEED points. Involving Finelite early in project planning can result in using fewer materials overall and saving on initial operating costs.

Finelite makes it easy for architects and designers to specify our products. The specific energy savings are right there on the label.

Manufacturing in the U.S.

Finelite manufactures and produces products within the US, which made the PLS desk lamp Buy American compliant for this high-profile government project.

During these tough times, Finelite drives economic advantages by:

- Striving to keep jobs in the U.S.
- Reducing their carbon footprint with more efficient manufacturing and shipping practices
- Incorporating new standards aligned with LED technology happening right in the heart of Silicon Valley, CA.

Finelite continues to innovate and push the envelope to help clients achieve their very best energy goals.

About Finelite – (Manufacturer)

Finelite is in the business of better lighting. Finelite designs and builds innovative, high-performance lighting systems for offices, educational and healthcare facilities. Products include LED task lighting, high performance general illumination light fixtures, and patented plug-and-play lighting systems. Find out more about [Finelite](#), their [awards](#) and [products](#).

About RNL – (Architect)

RNL is a global, full-service design firm specializing in sustainable, integrated design. Founded in 1956, RNL offers a continuum of design services, including architecture, interior design, landscape architecture, urban design and planning. RNL has offices in Phoenix, Denver, Los Angeles and Abu Dhabi, United Arab Emirates. For more information, please visit www.rnldesign.com.

About MH Lighting – (Lighting Representative)

The MH Companies is much more than a traditional manufacturer's representative in Colorado. Since 1972, MH Companies has served manufacturers and customers in the traditional representative role, but strives to go much farther than that. MH Controls provides a wide range of engineering services for specifiers and contractors, as well as system programming and a host of other services. Be Brilliant® by selecting The MH Companies as your partner for your next project. www.mhlighting.com.

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