



The New Era in Lighting Technology





introducing gallium...

Welcome to the new era in lighting technology.

A revolution in lighting has begun: High output, environmentally sound white LEDs (light emitting diodes) are significantly more efficient than compact fluorescents—and **last up to four times as long.**

Gallium is dedicated to leading the way into the new era in lighting technology. Gallium's state-of-the-art, specification-grade LED lighting systems (patents pending) produce a brilliant white light. Featuring optical systems designed especially for illuminating general architectural spaces, Gallium LED lighting systems make a distinctive statement while providing unprecedented energy efficiency.

gal•li•um (gă'l•ē•ŭm) A chemical element in the periodic table that has the symbol **Ga** and atomic number 31. A rare, soft silvery metal, gallium occurs in trace amounts in bauxite and zinc ores. An important application is in the compound gallium nitride, used as a semiconductor, *most notably in light-emitting diodes (LEDs).*

the gallium advantage



Energy Efficient

Gallium's white LEDs—plus a super-efficient fixture design—deliver unprecedented luminaire efficacy, and Gallium luminaires are twice as efficient as many compact fluorescent downlights.

Perfect With Occupancy Sensors

LED fixtures are perfect for use with occupancy sensors because the service life is unaffected by frequent on-off switching.

Full Architectural Dimming Down to 0%

Gallium dimming systems, which can be operated with standard incandescent wallbox dimmers, provide full architectural dimming and smooth, flicker-free transitions across the entire range of light levels.

Ultra-Low Maintenance

The latest LEDs are rated for 50,000 hours service life, which equates to 25 years when operated during normal business hours.

Environmentally Friendly

LEDs are mercury-free and require no special disposal procedures.

High Color Rendering Index

With a color rendering index (CRI) of up to 92, today's LEDs are better than or equal to many popular fluorescent lamps.

Safe

Safe operation due to the low voltage circuitry used to drive LEDs, and no ultraviolet or other harmful emissions.

Reliable

Instantaneous, flicker-free start in temperatures as low as -40°C (-40°F). Gallium fixtures are designed and manufactured in the USA, and backed by the Gallium Guarantee.

Durable

Superb reliability since LEDs have none of the fragile glass coverings or filaments characteristic of conventional lamps that can fail during shipment or installation. LEDs can withstand physical shocks that would shatter conventional lamps.

Cool Operation

LEDs radiate very little heat, providing a high level of comfort and low cooling load.

Fresh New Look

The GS6 square downlight delivers unprecedented lumen output from a diminutive 6" (150mm) aperture, and provides a fresh new look for upscale spaces. The point source lighting adds definition and interest to objects in the space. Specially designed optical systems provide a full 45° shielding to eliminate distracting glare.



The Gallium 6" Square Series

Once you specify Gallium specification grade luminaires, you will never go back to conventional lighting.

Features include:

- 45° Shielding
- Full range of Color Temperatures Available
- Color rendering index (CRI) up to 92
- Industry-Leading Lumen Output & Energy Efficiency
- Thermal Design for Maximum Lumen Output and Long LED Life
- Compact Size & Design Flexibility





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