

JLC • tech



Structurally Integrated Lighting™



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COMPANY MISSION

JLC-Tech is a leading innovator in structurally integrated lighting solutions. With our proprietary technology, our products harmoniously unify with ceilings, dramatically reducing installation time and costs, resolving plenum space issues, and minimizing construction waste—all while making an elegant architectural lighting statement.

TECHNOLOGY

How our Products Integrate

JLC-Tech designs integrated LED lighting fixtures that become a part of the structural ceiling system. Spanning across suspended grid to gypsum ceilings, there's a lighting solution for every application, guaranteeing as-specified results. JLC-Tech's structurally integrated lighting facilitates virtually tool-free installation and reduces the need for additional building materials. This approach not only streamlines installation but also minimizes construction waste and enhances the energy efficiency of a space.



BENEFITS

Using Structurally Integrated Lighting



MAXIMIZED VERSATILITY

- Modular lighting system can be placed in the ceiling where light is needed.
- Ceiling design is not compromised regarding fixture placement.



IMPROVED CEILING PERFORMANCE

- Lights occupy the grid only, optimizing the ceiling's functions of enhancing occupant well-being.
- Maximized sound absorption & improved light reflectance.
- Uninterrupted ceiling panels for easier disinfection and cleaning of surface.



NO PLENUM OCCUPANCY

- Low profile lighting (same height as cross tee).
- Leaves plenum completely unoccupied.
- Helps facilitate coordination of other ceiling utilities and maximizes access to the plenum.



GUARANTEEING AS-SPECIFIED RESULTS

- Streamlined integration and installation process.
- Sustainable – replacing building elements that already exist.

LIGHTING SOLUTIONS

Structurally Integrated Lighting



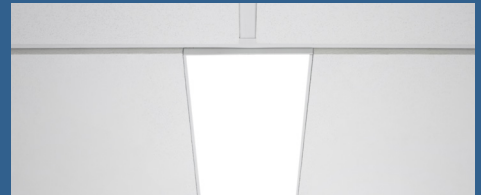
T-GRID INTEGRATION

T-Grid Integration products directly replace standard cross tees in a suspended ceiling with integration light fixtures.



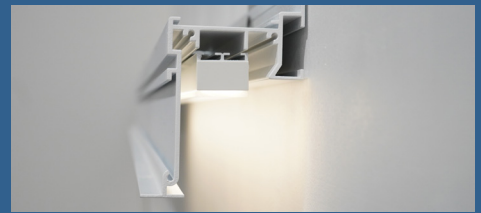
SLOT INTEGRATION

Slot Integration incorporates 2" and 4" linear fixtures, available in lengths up to 8 feet, directly into the ceiling system as a structurally integrated element.



PERIMETER INTEGRATION

Perimeter Integration solves common coordination challenges when found in traditional perimeter lighting, where ceiling construction is often dependent on fixture layout and installation timing.



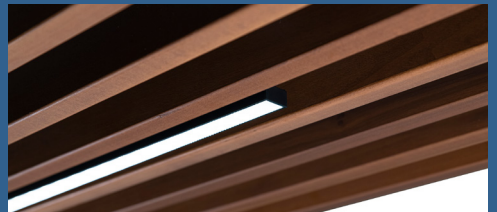
GYPSUM INTEGRATION

Gypsum Integration brings integrated lighting into drywall ceilings and walls, where clean lines and precise detailing are essential.



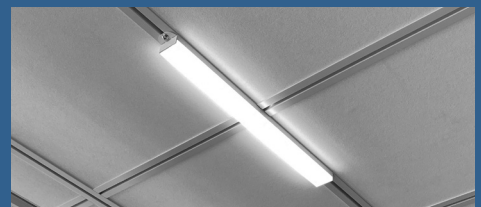
SPECIALTY INTEGRATION

Specialty Ceiling Integration provides integrated lighting solutions for wood, metal, felt and other custom architectural ceiling systems.



DATA CENTER INTEGRATION

Data Center Integration lighting solutions are designed to complement the function of the ceiling system, supporting critical airflow management and thermal containment strategies, while delivering high-quality, energy-efficient illumination.



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Experian - Schaumburg, IL | Whitney Architects, Inc.

Photo on front: UNC Women's Carmichael Arena Locker Room - Chapel Hill, NC | Gensler

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