



Amerlux's People-First Lens Design Receives U.S. Patent Protection

Award-Winning Aerus Linear Casts Workers in the Best Light Without the Squint

OAKLAND, N.J. – Amerlux, an award-winning design-and-manufacture lighting company, announced today that it has been granted U.S. patent protection for the optical lighting lens design used in its [award-winning Aerus](#) linear pendant lighting solution.

Amerlux's [Aerus](#) lighting solution uses advanced electronics and optics to enhance work environments and employee well-being with a unified glare rating (UGR) of 14 or less, which exceeds requirements set by the WELL Building Standard. The [nearly glare-free indirect/direct linear pendant](#)—which mounts as close as 12 inches below the ceiling with up to 12 feet in spacing—was named a [Product Innovation Award \(PIA\) award-winner](#) by *Architectural SSL* magazine at its release.

“Our [flagship linear pendant](#) first set the bar for anidolic optics. Now, with patent protection for its innovative technology, it’s effectively in a league of its own,” said Bill Plageman, Amerlux’s VP of Marketing. “By avoiding off-the-shelf optics, we have engineered a landmark linear pendant that delivers exceptional controlled comfort and a wide soothing illumination that meets—even exceeds—every required or recommended lighting standard in the industry.”

Aerus caters to the needs of people inside buildings and promotes [unparalleled comfort and aesthetics](#) in several ways:

- **Anidolic Optics:** Aerus delivers an indirect/direct (75%/25%) lighting distribution efficiently and comfortably since the actual light source isn’t easy to see.
- **No Visual Power Feed:** Aerus uses a low-voltage aircraft cable that supports and supplies power to the fixture, resulting in a clean aesthetic.
- **Closer Ceiling Mounts:** Aerus mounts 12 inches below the ceiling, compared to standard mounting for indirect/direct pendants of 18 to 24 inches, without creating a “hot spot.” It delivers the minimum Illuminating Engineering Society of North America (IES) recommendation of illuminance at 30 inches AFF with only 7 Watts/foot, or it can provide more at 10 Watts/foot.
- **Wider Spacing:** While delivering even, soft illumination above and between fixtures, Aerus can be mounted up to 12 feet on center, which reduces project costs and boosts



productivity in employees working in a more comfortable, almost glare-free environment. Aerus also delivers the IES-recommended foot-candle on desk.

When Aerus debuted at lighting's biggest industry event, editors at BUILDINGS.com called the nearly [glare-free illumination the event's top trend](#) for using groundbreaking optics to cure some of the most common casualties in today's workplace. Such ailments include:

- Lost productivity, which the [U.S. Green Building Council](#) says can increase by 23% or more with an improved lighting design.
- Glare and bright light, which the [Mayo Clinic lists](#) as a major cause of eyestrain and, in effect, decreased productivity and increased health insurance premiums.
- Neck and back pain, which the Journal of the [American Medical Association](#) says costs Americans \$87.6 billion annually.

For more information about the company's lighting solutions, call [Amerlux](#) at 973.850.4342.

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About Amerlux

Amerlux creates bold lighting solutions that add warmth and brilliance to the world. The design-and-manufacture company builds long-term relationships with architects, facility managers and lighting designers by taking every complex problem personally. Its award-winning portfolio includes innovative interior and exterior lighting products that deliver striking aesthetics and rich performance through advanced engineering. For more information, please visit [Amerlux.com](#) or call 973.850.4342.