**Lumination™ LED Luminaires**

1x4 Suspended LED Fixture

**Product Description:**
The Lumination 1’ x 4’ suspended luminaire with Intrinsx technology is a commercial pendant lighting fixture utilizing an advanced LED optical system to achieve superior performance. Intrinsx technology allows for a nearly transparent luminaire when off and excellent uniformity and efficiency when on. The unique design incorporates a clear transition zone between the frame and light emitting portion of the fixture, making the illusion of the light floating in mid-air. The ultra-thin profile and improved lumen maintenance of >80% of initial lumens at 50,000 hours of operation, allows for each of installation and lower maintenance costs over time. It is suitable for indoor general lighting.

**Performance Summary:** Effectively utilizes GE Intrinsx™ technology.
- Delivered Light Output: 3900-4200 Lm
- System Input Power: 55W
- Efficacy: 71-76 LPW
- Input Voltage: 120-277V
- Standard Dimming Control: 0-10V & DALI
- CCT: 3000K, 3500K, 4000K
- Dimming Compatibility: refer to Lutron.com, Leviton.com
- Power Factor: >0.9
- THD: <20%
- Input Frequency: 50/60Hz
- Suspension Cables w/ Remote Driver Enclosure. Continuous Row Mounting Bracket Available

**Product Specifications:**

**Optical System:**
- Precision formed optical assembly comprised of system molded high specularity reflectors, and an optics on module conformal transmissive lens
- High optical grade acrylic providing good efficiency and impact resistance
- Durable hard coated protective layers for scratch resistance and ease of cleaning
- LED light engine consists of precision die-cast aluminum heat sink, a Metal Core Printed Circuit Board Assembly (MCPCB)

**Electrical System:**
- Class 1, replaceable, high efficiency LED driver rated for 100,000 hours when used within operating conditions.
- Audible Noise – Per 29CFR 1910 sub part G: <24 dba (1 foot)
- Thermal overload protection shuts down the luminaire when system temperatures exceed designed operating conditions
- THD: <20%
- Transient Protection: 100 kHz ring wave, 2.5 kV level
- Environmental Testing: High Temperature High Humidity: 60°C / 90% (non-condensing)
- Electronic Vibration Testing: Multi Axis, Random Vibration Profile: 2-2000 Hz, 5Gs on electronics

**Construction:**
- Durable, long lasting designer aluminum frame
- IP Rating: IP50
- Impact Resistant: IK=3

**Installation:**
- Suspension cables and mounting accessories provided standard
- Remote PSU enclosure delivers a clean, uninterrupted luminaire below the ceiling grid
- Luminaire vibration Testing: Luminaire tested to 0.5 G, 100,000 cycles per axis, 2 axes

**Listed by:**
- UL, cUL, UTE, LMB, IES, DnW, LDT
- IK Code: K3
- Color Consistency: 4-Step MacAdam Ellipse
- Lifetime Rating: L82 @ 50,000 hours
- Standard Dimming Control: 0-10V & DALI
- CCT: 3000K, 3500K, 4000K
- Typical CRI: 82, Min CRI: 80
- Power Factor: >0.9
- THD: <20%
- Input Frequency: 50/60Hz
- IP Rating: IP50
- Operating Conditions: -10° to 40°C
- Input Voltage: 120-277V
- Input Current: 120V/55W - 455mA
- 230V/55W - 248mA
- 277V/55W - 216mA

**Product Dimensions:**

Dimensions shown in inches
Maximized Performance

Both ambient and directional, this fixture carefully guides light up for general illumination as well as aiming it precisely down for specific functionality. It is perfect for applications that include conference rooms, open offices, lobbies, retail settings, anywhere you want to make a statement. Imagine what you can do with this clearly unique fixture. Its immaculate design aesthetic is unlike anything you’ve seen before.

Minimalist Design

There’s never been a fixture quite like it, the Lumination Suspended LED Luminaire marks the beginning of a new era in interior lighting. Minimalist design creates an exceptionally thin profile that appears to float across your ceiling landscape. When turned on, it produces a perfectly even glow, and while off, it is nearly transparent with LEDs hidden inside the frame. The effect is dramatic and opens up a new world of striking design possibilities.
Concealed LEDs hide the light source. Advanced design provides efficient functional downlighting and ambient uplighting. Clear, transparent band that makes the light appear to “float.” The provocative, minimalist design delivers remarkable light output in an ultra-thin profile. It’s a whole new visual aesthetic in one super-efficient, translucent LED luminaire. You’ve never seen anything like it.

Features & Benefits
- Unique uplight and downlight distribution
- Modern aesthetic
- Durable design
- Universal 120-277VAC input and integrated dimmable capability (0-10V & DALI)
- Fixtures can be mechanically connected continuously in series
- 5 year limited warranty

Applications
- Reception areas
- Conference rooms
- Open & Private Offices

LED Technology
- Long rated life: (50,000 hours L82)
- 71 to 76 lumens per watt

Groundbreaking Features

Protective lens helps prevent scratches and allows for ease of cleaning.

Advanced design provides efficient functional downlighting and ambient uplighting.

Dramatic, ultra-thin modern design aesthetic.

Clear, transparent band that makes the light appear to float.

Concealed LEDs hide the light source.

Luminaires can be connected together for long, continuous runs.
**A Product of Ecomagination**

Designed with environmental responsibility in mind, the GE Lumination LED Suspended Luminaire meets stringent standards for efficiency and reduced impact. 50,000-hour life eliminates bulb changes associated with fluorescent tubes, reducing landfill need. It contains no lead, mercury or glass, making handling and disposal less of a concern, while using less energy than standard fluorescent systems. It is UL Listed, and the ultra-light aluminum frame is 100% recyclable.