A highly efficient direct-indirect design, Luminata III is available in 2-, 3- or 4-lamp configurations, with T5, T5HO and T8 lamping options.

A specification grade, all-aluminum fixture, Luminata III offers a selection of optical controls, including three baffle options and a translucent white lens. Efficiency-enhancing options such as daylight and occupancy sensors (shown in the fixture above and the inset, right) deliver years of energy and operating cost savings.

LUMINATA III

LUMINATA III

A premier manufacturer of high-quality linear fluorescent lighting fixtures, Precision Architectural Lighting reflects the principles of quality craftsmanship, outstanding performance and high customer satisfaction. Emphasizing support, responsiveness and personal attention, PAL backs each specification with a team of lighting professionals dedicated to ensuring your project's success.

Precision Architectural Lighting
3000 N. Loop East, Suite 200
Houston, TX 77054
P: 713.946.4343  F: 713.946.4441
www.pal-lighting.com

A slim, contemporary fixture that combines high style and high performance, the Luminata III series is also designed to address sustainability.
Sculpted end cap options add greater aesthetic and design flexibility.

*Note: For T5HO FC multiply T5 FC by 1.69.
For T5HO LPD multiply T5 LPD by 1.91.

*Note: Lumen output based on 25°C data.

Luminata III is available suspended or wall mounted, in continuous rows of 4', 8', or 12', in combinations of any length, or in patterns or projected bays. Designed for flexibility, Luminata III is the choice for schools, libraries, medical facilities and conference rooms.

Luminata III is available in individual lengths of 4', 8' or 12', in continuous rows of any length, or in any combination of these. The design is also available in modular T-bar suspended mounting.

Rigid extruded aluminum housings join with high-strength extruded aluminum frames and alignment splines to form rigid surface hardware parts in continuous rows.

Distribution as shown (in gold) below:
- Shielding: Semi-Specular Baffle
- Lumens/lp: 2950
- Max CP: 1032 @ 115˚
- Efficiency: 80.20%
- Distribution: 79% up/21% down

Distribution as shown (in gold) below:
- Shielding: Semi-Specular Baffle
- Lumens/lp: 2600
- Max CP: 967 @ 115˚
- Efficiency: 87.60%
- Distribution: 79% up/21% down

Lamps in Cross Section
- Initial Lumens per Lamp
- Ballast Factor
- LLF Avg FC on desks
- LPD (w/sq ft)
- Ceiling Uniformity Ratio

Sustainability

The stylish Luminata III series combines state-of-the-art energy-efficient fixture design with performance-enhancing lighting controls including daylight sensors, occupancy sensors and dimmable ballasts. The inclusion of Luminata III with lighting controls in lighting designs can make it possible to meet or exceed ASHRAE 90.1-2004/2007 requirements. Also, PAL utilizes aluminum extrusions that are manufactured from minimum 10% recycled aluminum, and the electrostatically applied powdercoat process that we utilize exceeds the VOC limit established in GREE n SEAL STANDARD GS-11. The aforementioned enables lighting designers to optimize the lighting for their LEED projects.
Luminata III is available suspended or wall mounted, in continuous lengths of 4', 8', or 12', in continuous rows of any length, or in patterns as printed here. Exclusively designed and fabricated for flexibility, luminance III is the choice for schools, libraries, medical facilities and conference rooms.

Sculpted end cap options add greater aesthetic and design flexibility.

Wall mount luminaries combine wide spread indirect distribution with high brightness direct optics to enhance lighting quality and control contrast.

### Lamps in Cross Section

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<tr>
<th>Initial Lumens per Lamp</th>
<th>Ballast Factor</th>
<th>LLF Avg FC on desks</th>
<th>LPD (w/sq ft)</th>
<th>Ceiling Uniformity Ratio</th>
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Lumen output based on 25° C data.

**Sustainability**

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The aforementioned enables lighting designers to optimize the lighting for their LEED projects.

### Notable Features

- **Semi-Specular Baffle**
  - Lumens/lp: 2950
  - Max CP: 1032 @ 115˚
  - Efficiency: 80.20%
  - Distribution: 79% up/21% down

- **Semi-Specular Baffle**
  - Lumens/lp: 2600
  - Max CP: 967 @ 115˚
  - Efficiency: 87.60%
  - Distribution: 79% up/21% down

### Distribution Diagrams

- **Classroom with 80/50/20 Reflectances**
  - H = 9.5'       S = 18”
  - H = 8.5'       S = 12”

- **Distribution on shown in gold**
  - Distribution: 79% up/21% down
  - Efficiency: 80.20%
  - LPD (w/sq ft): 1.20 w/0.80 HP

- **Distribution on shown in gold**
  - Distribution: 79% up/21% down
  - Efficiency: 87.60%
  - LPD (w/sq ft): 1.15 w/0.97 HP

- **Distribution on shown in gold**
  - Distribution: 79% up/21% down
  - Efficiency: 80.20%
  - LPD (w/sq ft): 3.00 w/3.00 HP