


Luminata III™



Precision
Architectural
Lighting



Luminata III is available suspended or wall mounted, in individual lengths of 4', 8' or 12', in continuous rows of any length, or in patterns as pictured here. Designed for performance, style and flexibility, Luminata III is the choice for schools, libraries, medical facilities and conference rooms.



Sculpted end



Extended end

Styled end cap options allow greater aesthetic and design flexibility.

A slim, contemporary fixture that embodies high style and high performance, the Luminata III series is also designed to address sustainability.



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.



Providing comfortable, balanced illumination in virtually any application, Luminata III wall mount adds stylish definition to spatial perimeters.

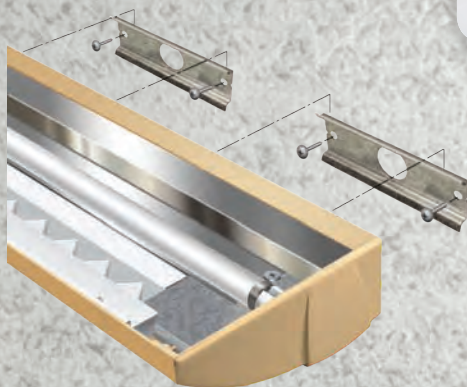
Extended end



Sculpted end



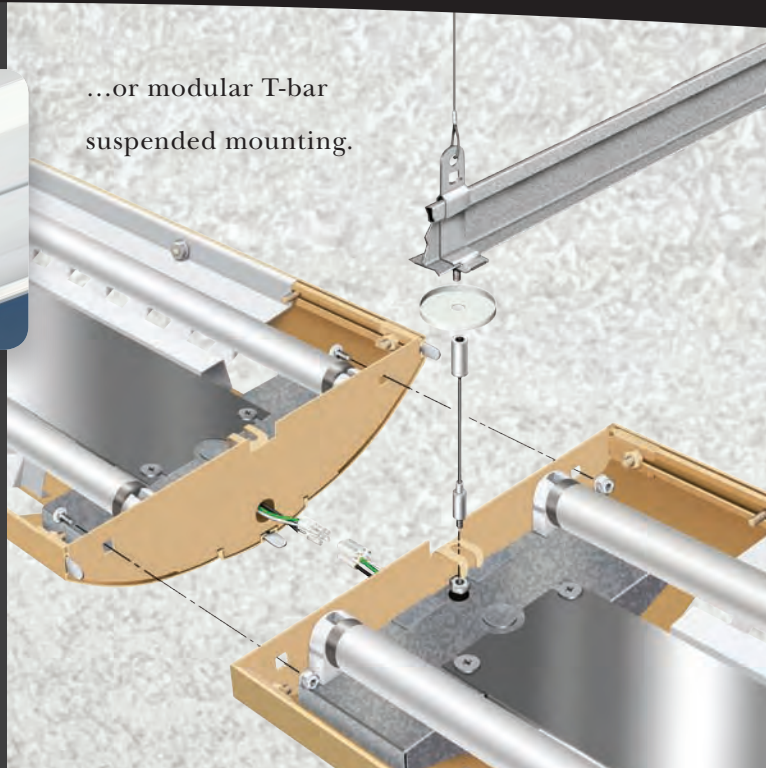
Affordable and easy to install, Luminata III features quick-connect wiring and either a unique cleat wall-mount system...



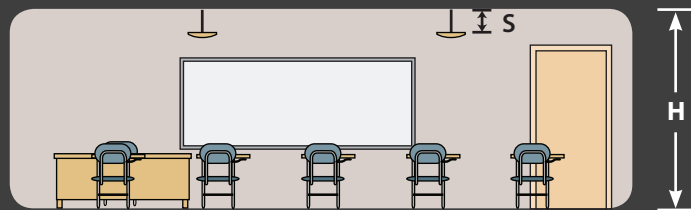
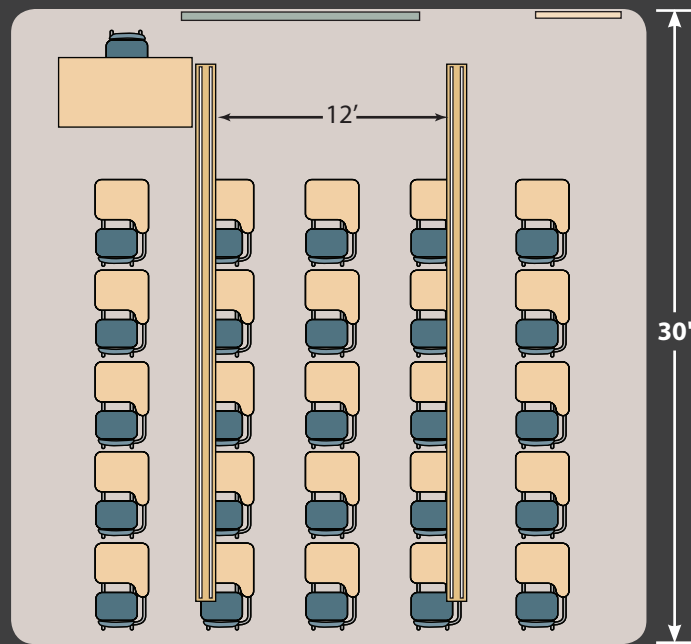
Rigid extruded aluminum housings join with high strength internal brackets and alignment splines to provide uniform hairline joints in continuous rows.



...or modular T-bar suspended mounting.



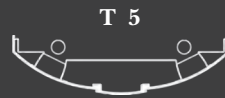
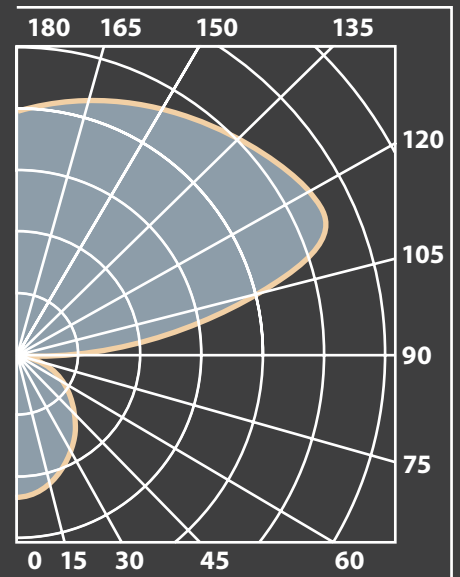
30' X 30' CLASSROOM WITH 80 / 50 / 20 REFLECTANCES



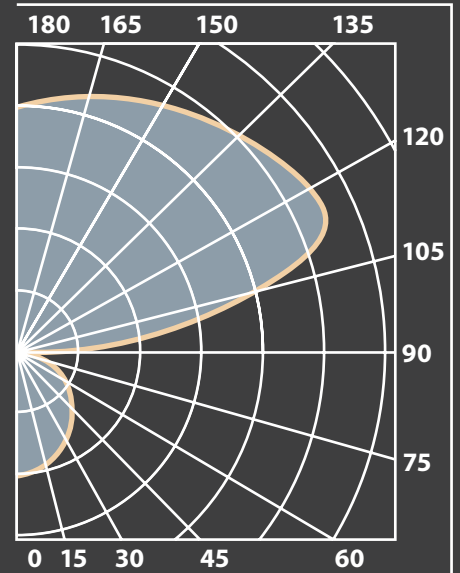
Two 24' rows of Luminata III with semi-specular baffles yield maximum average maintained footcandles on the desktops with minimum watts per square foot as evidenced in the chart below.



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



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
H = 9.5' S = 18"						
2 - 32w T8	3100	0.71	0.60	31	0.63	4.7:1
2 - 32w T8	2950	0.88	0.74	37	0.75	4.7:1
2 - 32w T8	3000	1.20	1.00	51	1.04	4.7:1
H = 8.5' S = 12"						
2 - 28w T5	2600	0.95	0.79	39	0.77	5.3:1
2 - 28w T5	2600	1.15	0.97	47	0.92	5.3:1
2 - 32w T8	3100	0.71	0.60	31	0.63	7.6:1
2 - 32w T8	2950	0.88	0.74	37	0.75	7.6:1
2 - 32w T8	3000	1.20	1.00	51	1.04	7.6:1
2 - 28w T5	2600	0.95	0.79	39	0.77	9.6:1
2 - 28w T5	2600	1.15	0.97	47	0.92	9.6:1

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.

SUSTAINABILITY

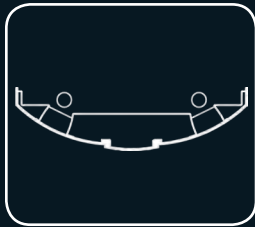
The stylish Luminata III series combines state-of-the-art energy-efficient fixture design with performance-enhancing lighting controls including daylight sensors, occupancy sensors and dimmable ballasts. The inclusion of Luminata III with lighting controls in lighting designs can make it possible to 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 powder-coat process that we utilize exceeds the VOC limit established in GREEN SEAL STANDARD GS-11.

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

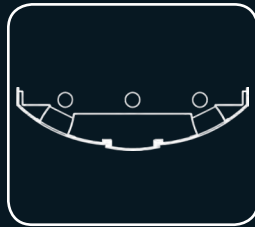
LUMINATA III

OPTICAL VARIATIONS

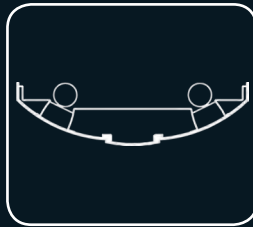
(Suspended or Wall Mounted)



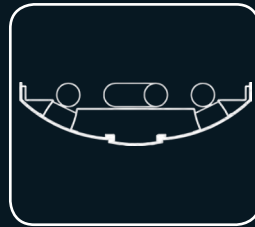
LM3S02-T5, T5HO



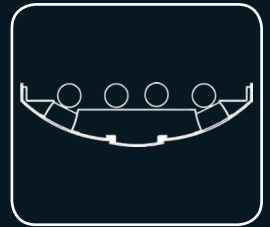
LM3S03-T5, T5HO



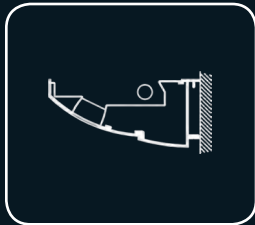
LM3S02-T8



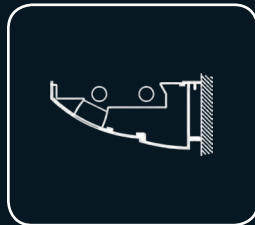
LM3S03-T8



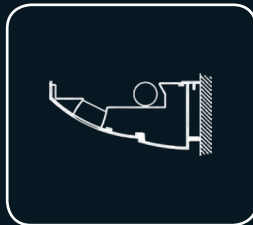
LM3S04-T8



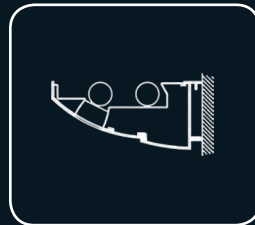
LM3P01-T5, T5HO



LM3P02-T5, T5HO



LM3P01-T8



LM3P02-T8



90°

CONNECTORS

OPTICAL CONTROLS



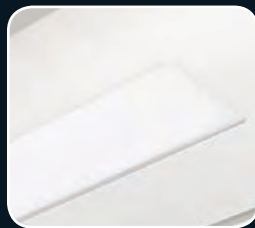
White Cross Baffle



White Perforated
Cross Baffle

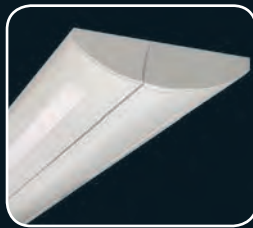


Semi-Specular
Parabolic Baffle

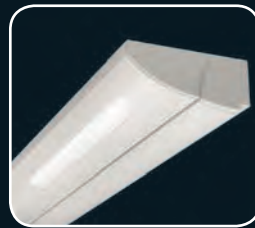


Translucent White
Acrylic Lens

END CAPS



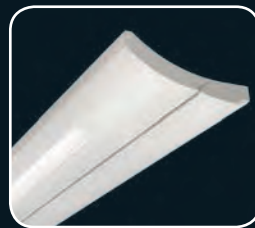
Suspended Sculpted



Wall Mount Sculpted



Suspended Extended



Wall Mount Extended



T



X



Precision
Architectural
Lighting

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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.