



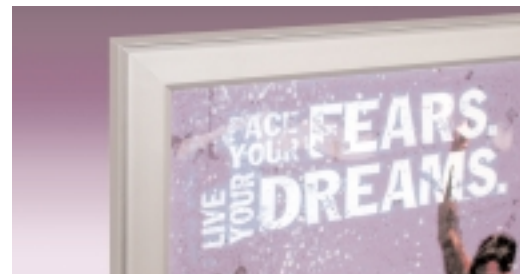
LUMINAIRE ULTRA[®] III

ADDS A NEW DIMENSION TO VISUAL MERCHANDISING!



ITS ULTRA-SLIM PROFILE AND SUPERB ILLUMINATION QUALITIES PROVIDE YOUR GRAPHIC COMMUNICATIONS WITH EXCEPTIONAL VISUAL IMPACT.

- Narrow profile of just 1⁵/₈" (41mm).
- Frame flips open on all four sides for easy graphic and service access.
- Cold-cathode fluorescent lamps (CCFL) have a life expectancy of up to 40,000 hours—double that of conventional fluorescents—up to 9 years without lamp changes in a typical retail application!
- Light distribution is extraordinarily even, through an innovative method of edgelighting an internal, precision-etched acrylic panel.
- Energy efficient and cool operating—power consumption and heat generation are reduced up to 80% when compared to displays with conventional fluorescent lamps and ballasts.
- All-aluminum structure.
- Wide variety of colors and finishes available.
- Eight standard sizes from 11" x 14" (279 x 356mm) to 43" x 62" (1092 x 1575mm).
- Custom sizes available, as large as 48" x 105" (1200 x 2670mm).



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LUMINAIRE ULTRA[®] III
Ultra-Thin Backlit
Graphic Displays

Ultra-Thin Backlit Graphic Displays

LUMINAIRE ULTRA III

Specifications

| | |
|-----------------|--|
| Input Voltage | 100-240volts, 50-60hertz |
| Plastic Sheets | .3125" (8mm) illuminated acrylic panel built into fixture; .015" (0,38mm) removable clear polycarbonate cover sheet |
| Standard Finish | Satin-anodized aluminum |

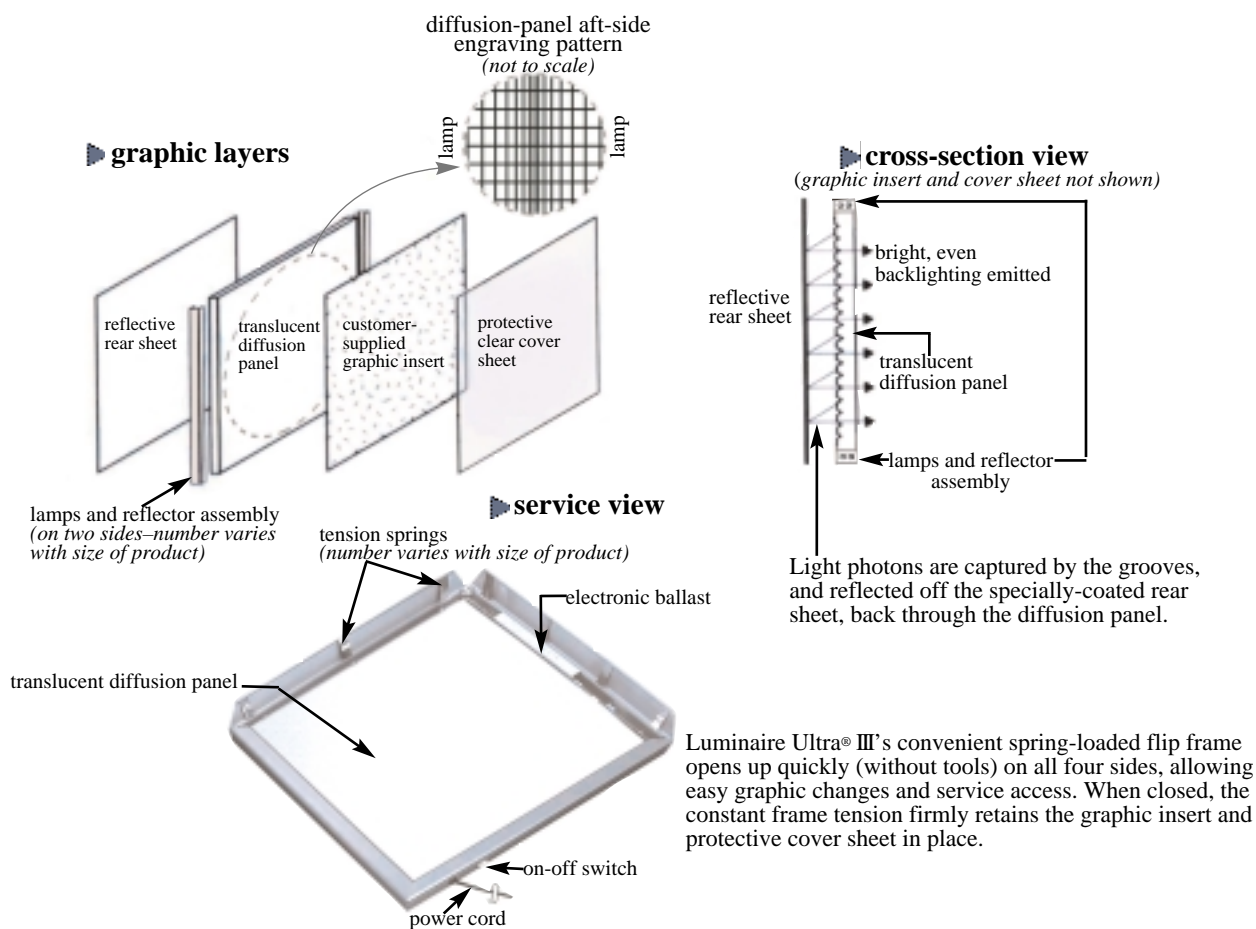
The Luminaire Ultra® III Illumination System

The Luminaire Ultra® III employs an innovative system of light distribution, which provides multiple benefits.

An internal acrylic diffusion panel is edgemit by two or more cold-cathode tandem lamp assemblies, with each lamp being just 1/10" (2,6mm) in diameter, located on opposite sides of the panel. The panel is engraved with a series of V-shaped grooves, running in both panel dimensions. The groove spacing parallel to the lamps becomes more dense as the distance from the lamps increases.

The grooves capture and reflect the light from the lamps off of a reflective rear sheet and back through the translucent panel, producing illumination to the graphic that is true in color (does not alter graphic colors), with remarkably even light distribution. There are no shadows or hot spots, (which are inherent in conventionally backlit products), as the variation of the groove spacing serves to provide the panel with virtually-perfect light distribution.

High energy efficiency and cool operation are welcome by-products of this dynamic system.



| Graphic Dimensions | | Visual Area Dimensions | | Outside Frame Dimensions | | Lighting (CCFL Lamps) | |
|--------------------|-------------|--|-------------|--|------------------|------------------------------------|-------|
| inches | mm | inches | mm | inches | mm | inches | mm |
| 11 x 14 | 279 x 356 | 10 ⁹ / ₁₆ x 13 ¹¹ / ₁₆ | 268 x 347 | 13 ³ / ₄ x 16 ¹³ / ₁₆ x 1 ⁵ / ₈ | 349 x 427 x 41 | 2-14 ⁵ / ₁₆ | 2-363 |
| 16 x 20 | 406 x 508 | 15 ¹ / ₂ x 19 ⁹ / ₁₆ | 395 x 497 | 20 ⁹ / ₁₆ x 22 ¹¹ / ₁₆ x 1 ⁵ / ₈ | 522 x 577 x 41 | 2-18 ¹ / ₁₆ | 2-458 |
| 20 x 24 | 508 x 610 | 19 ⁹ / ₁₆ x 23 ³ / ₈ | 497 x 594 | 22 ¹¹ / ₁₆ x 26 ⁹ / ₁₆ x 1 ⁵ / ₈ | 577 x 674 x 41 | 2-23 ¹⁵ / ₁₆ | 2-608 |
| 24 x 30 | 610 x 762 | 23 ³ / ₈ x 29 ⁹ / ₁₆ | 594 x 751 | 26 ⁹ / ₁₆ x 32 ¹¹ / ₁₆ x 1 ⁵ / ₈ | 674 x 831 x 41 | 2-29 ¹³ / ₁₆ | 2-758 |
| 24 x 36 | 610 x 914 | 23 ³ / ₈ x 35 ⁹ / ₁₆ | 594 x 903 | 26 ⁹ / ₁₆ x 36 ¹⁵ / ₁₆ x 1 ⁵ / ₈ | 674 x 938 x 41 | 2-23 ¹⁵ / ₁₆ | 2-608 |
| 30 x 40 | 762 x 1016 | 29 ³ / ₈ x 39 ⁹ / ₁₆ | 746 x 1005 | 32 ¹ / ₂ x 42 ¹¹ / ₁₆ x 1 ⁵ / ₈ | 826 x 1085 x 41 | 2-29 ¹³ / ₁₆ | 2-758 |
| 36 x 48 | 914 x 1219 | 35 ⁹ / ₁₆ x 47 ⁷ / ₈ | 904 x 1197 | 40 ¹ / ₁₆ x 51 ⁹ / ₁₆ x 1 ⁵ / ₈ | 1017 x 1310 x 41 | 4-23 ¹³ / ₁₆ | 4-608 |
| 43 x 62 | 1092 x 1575 | 42 ⁵ / ₈ x 61 ¹ / ₈ | 1082 x 1553 | 47 ¹ / ₁₆ x 65 ⁹ / ₁₆ x 1 ⁵ / ₈ | 1195 x 1666 x 41 | 4-29 ¹³ / ₁₆ | 4-758 |