

## ULTRA LYTE 3

Great for channel letters, box signs and accent lighting, ULTRA Lyte 3 features triple-LED modules in a 12 VDC true IC constant current design that maintains brilliant light across each string. With an IP67 rating and a seven-year warranty, ULTRA Lyte 3 allows speedy installation with a convenient continuous release liner for the mounting tape. Spaced at 9.84 in. (250 mm), ULTRA Lyte 3 generates up to 170 lm/W in sign-bright 6500K. Available in five CCTs (3000K, 4000K, 5000K, 6500K, 7100K).

### Applications:

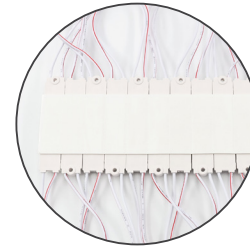
- Channel letters
- Box and cabinet signs
- Accent and cove lighting



**IP67**



**CONTINUOUS RELEASE LINER**  
REDUCES INSTALLATION TIME BY 30%



12 VDC



7-YEAR LIMITED WARRANTY



ONWhite<sup>®</sup>  
COLOR CONSISTENCY



VERSALENZ<sup>®</sup>  
ADVANCED OPTICS



CAPZUL<sup>®</sup>  
WATERPROOF



CONSTANT CURRENT



UV RESISTANT



50,000 HRS  
L70 LIFETIME

## ORDERING GUIDE

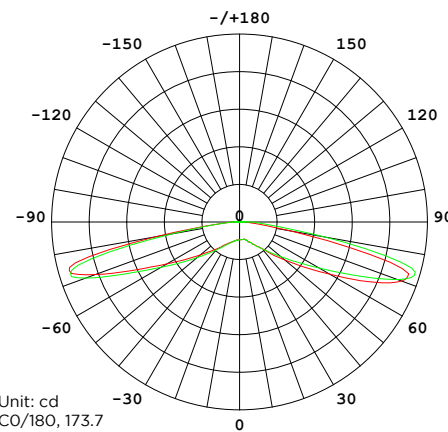
| Part Number       | CCTs <sup>1</sup> | Module Spacing (mm) | Wattage (W) | Input Current (mA) | Number of Modules |           | Nominal Light Output (lm) |            |          |           |
|-------------------|-------------------|---------------------|-------------|--------------------|-------------------|-----------|---------------------------|------------|----------|-----------|
|                   |                   |                     |             |                    | Per Foot          | Per Meter | Per Watt                  | Per Module | Per Foot | Per Meter |
| LS-UL3-71K-B250-A | 7100K             | 9.84 / 250          | 1.08        | 90                 | 1.22              | 4         | 170                       | 184        | 224      | 736       |
| LS-UL3-65K-B250-A | 6500K             | 9.84 / 250          | 1.08        | 90                 | 1.22              | 4         | 170                       | 184        | 224      | 736       |
| LS-UL3-50K-B250-A | 5000K             | 9.84 / 250          | 1.08        | 90                 | 1.22              | 4         | 170                       | 184        | 224      | 736       |
| LS-UL3-40K-B250-A | 4000K             | 9.84 / 250          | 1.08        | 90                 | 1.22              | 4         | 170                       | 184        | 224      | 736       |
| LS-UL3-30K-B250-A | 3000K             | 9.84 / 250          | 1.08        | 90                 | 1.22              | 4         | 160                       | 173        | 211      | 692       |

1. Custom CCTs available by request

## PRODUCT RATINGS

|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| Input Voltage                           | 12 VDC                                           |
| IC Design                               | Constant Current                                 |
| Lumen Drop                              | < 3%                                             |
| Ingress Protection                      | IP67                                             |
| Beam Angle                              | 176                                              |
| MacAdam ellipse                         | 3-step binning                                   |
| Max. # of Modules Per Continuous String | 25 modules                                       |
| Molding Material                        | ABS                                              |
| Operating Temperature                   | -13 — 140 °F (-25 — 60 °C)                       |
| Lifetime (L70 reported)                 | 50,000 hours                                     |
| Warranty                                | 7-year limited warranty                          |
| Dimensions (L x W x H)                  | 2.92 x 0.63 x 0.45 in.<br>(74.1 x 16 x 11.38 mm) |

## LUMINOUS INTENSITY DISTRIBUTION



### WHITE COLOR TEMPERATURE SCALE



## MODULE DIMENSIONS

| Part Number       | Length (in./mm) | Width (in./mm) | Height (in./mm) |
|-------------------|-----------------|----------------|-----------------|
| LS-UL3-XXK-B250-A | 2.92/74.1       | 0.63/16        | 0.45/11.38      |

Data sheet subject to change without notice.

REV.19SEP2025

## POWER SUPPLY LOADING

| Module Type       | Per 60 W Power Supply |                 |                   |
|-------------------|-----------------------|-----------------|-------------------|
|                   | Total # of Modules    | Total # of Feet | Total # of Meters |
| LS-UL3-XXK-B250-A | 50                    | 40.98           | 12.5              |

## LAYOUT GUIDE\*

| Channel Depth (in.) | Single Row  |                | Multiple Rows |                |
|---------------------|-------------|----------------|---------------|----------------|
|                     | Max. Stroke | Module Spacing | Row Spacing   | Module Spacing |
| 3                   | 12          | 9.84           | 12            | 9.84           |
| 4                   | 18          | 9.84           | 18            | 9.84           |
| 5                   | 24          | 9.84           | 24            | 9.84           |
| 6                   | 30          | 9.84           | 26            | 9.84           |
| 7                   | 34          | 9.84           | 26            | 9.84           |
| 8                   | 40          | 9.84           | 28            | 9.84           |

| Channel Depth (mm) | Single Row  |                | Multiple Rows |                |
|--------------------|-------------|----------------|---------------|----------------|
|                    | Max. Stroke | Module Spacing | Row Spacing   | Module Spacing |
| 75                 | 300         | 250            | 300           | 250            |
| 100                | 450         | 250            | 450           | 250            |
| 125                | 600         | 250            | 600           | 250            |
| 150                | 750         | 250            | 650           | 250            |
| 175                | 850         | 250            | 650           | 250            |
| 200                | 1000        | 250            | 700           | 250            |

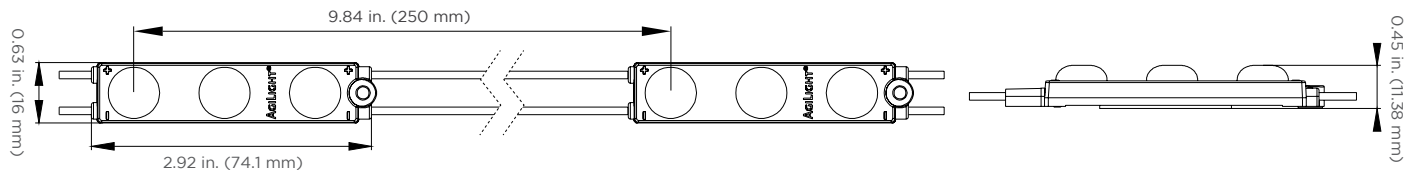
\*Module spacing is defined by 7328 white sign face material

## SHIPPING INFORMATION

| Module Type       | Specs   | Packaging Quantity |         |            |
|-------------------|---------|--------------------|---------|------------|
|                   |         | Per Bag            | Per Box | Per Carton |
| LS-UL3-XXK-B250-A | Modules | 100                | 500     | 1000       |

| Carton Dimensions |       |       | Carton Weight        | Box Dimensions |      |      | Box Weight          |
|-------------------|-------|-------|----------------------|----------------|------|------|---------------------|
| L                 | W     | H     |                      | L              | W    | H    |                     |
| 20.47             | 14.57 | 10.24 | 18 kg<br>(39.68 lbs) | 13.78          | 9.87 | 9.06 | 9 kg<br>(19.84 lbs) |
| 520               | 370   | 260   |                      | 350            | 250  | 230  | in.<br>mm           |

## DIMENSION DRAWING



1. UL ONLY - These products are only suitable for connection to a UL rated Class 2 power source rated 12 Volt or less.
2. UL ONLY - These products are intended for use only when connected to a power source that complies with UL rated Class 2 voltage and energy limited circuit.
3. UL ONLY - When these units are connected to a UL rated Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the UL rated Class 2 power supply.
4. These products may be secured in place in the end product by any means available.
5. These products are suitable for use in dry and damp locations. Not suitable for wet or submersed applications.

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