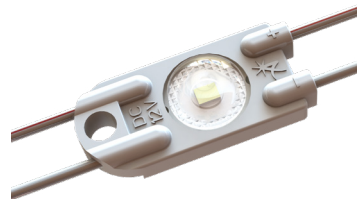


LYTERAYZ[®] LRZ1

The LRZ1 is part of our LyteRayz[®] value line series. The LRZ1 features a single LED in each module and generates an output of 122 lumens per foot. Great for channel letters, box signs and cove lighting, LRZ1 modules are available in two white color temperatures, have an IP66 rating and a five-year warranty.

Applications:

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 2" (50 mm) depth



12V DC



5 YEAR LIMITED WARRANTY



50,000 HRS
 L70 LIFETIME



ORDERING GUIDE

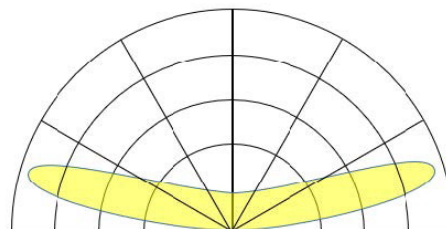
| Part Number | White Color Temp. | LEDs per Module | Module Spacing (mm) | Number of Modules | | Nominal Light Output (lm)* | | |
|--------------------|-------------------|-----------------|---------------------|-------------------|-----------|----------------------------|----------|-----------|
| | | | | Per Foot | Per Meter | Per Module | Per Foot | Per Meter |
| LS-LRZ1-75K-B125-A | 7500K | 1 | 125 | 2.4 | 8 | 50 | 122 | 400 |
| LS-LRZ1-50K-B125-A | 5000K | 1 | 125 | 2.4 | 8 | 50 | 122 | 400 |

PRODUCT RATINGS

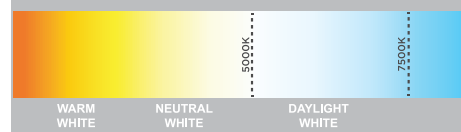
| | |
|-----------------------|---------------------------------|
| Luminous Efficacy | 147 lm/W @ 7500K |
| Wattage per Module | 0.34 W/module |
| Input Voltage | 12 V DC |
| Input Current | 28 mA |
| Power Supply Loading | 175 modules per 60W |
| Ingress Protection | IP66 |
| Operating Temperature | -13° - + 131° F (-25° - +55° C) |
| L70 Lifetime @ 60° C | 50,000 Hours |
| Warranty | 5 Year Limited Warranty |

LUMINOUS INTENSITY DISTRIBUTION

Beam Pattern



WHITE COLOR TEMPERATURE SCALE



MODULE DIMENSIONS

| Part Number | Length (in/mm) | Width (in/mm) | Height (in/mm) |
|--------------------|----------------|---------------|----------------|
| LS-LRZ1-xxK-B125-A | 1.44/36 | 0.66/17 | 0.33/8 |

POWER SUPPLY LOADING

| Module Type | per 60W | | | |
|--------------------|------------------------------|--------------------|-----------------|-------------------|
| | Max. # of Modules Per String | Total # of Modules | Total # of Feet | Total # of Meters |
| LS-LRZ1-xxK-B125-A | 75 | 175 | 71.8 | 21.9 |

LAYOUT GUIDE*

| Channel Depth (in.) | Single Row | | Multiple Rows | | Channel Depth (mm) | Single Row | | Multiple Rows | |
|---------------------|-------------|----------------|---------------|----------------|--------------------|-------------|----------------|---------------|----------------|
| | Max. Stroke | Module Spacing | Row Spacing | Module Spacing | | Max. Stroke | Module Spacing | Row Spacing | Module Spacing |
| 2 | 6 | 5 | 2 | 2 | 50 | 150 | 125 | 50 | 50 |
| 3 | 8 | 5 | 4 | 4 | 75 | 200 | 125 | 100 | 100 |
| 4 | 12 | 5 | 7 | 5 | 100 | 300 | 125 | 175 | 125 |

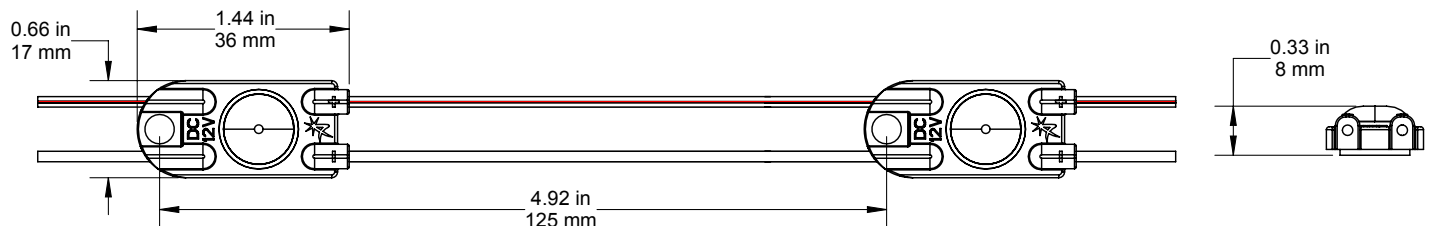
*Module spacing is defined by 7328 white sign face material

SHIPPING INFORMATION

| Module Type | Specs | Packaging Quantity | | |
|--------------------|---------|--------------------|---------|------------|
| | | Per Bag | Per Box | Per Carton |
| LS-LRZ1-xxK-B125-A | Modules | 200 | 1200 | 2400 |
| | Feet | 82 | 984 | 1968 |
| | Meters | 25 | 300 | 600 |

| Carton Dimensions | | | Carton Weight | Box Dimensions | | | Box Weight |
|-------------------|------|------|--------------------|----------------|------|------|-------------------|
| L | W | H | | L | W | H | |
| 20.5 | 14.6 | 10.2 | 18.5 kg (40.8 lbs) | 13.78 | 9.84 | 9.06 | 8.8 kg (19.3 lbs) |
| 520 | 370 | 260 | | 350 | 250 | 230 | in. 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.