**AgiLight®**
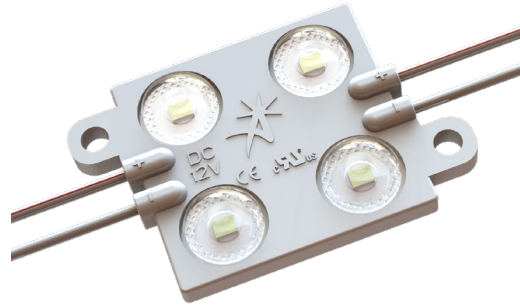Innovative Signage Lighting

*20 YEARS OF BRILLIANCE*

## LYTERAYZ® LRZ4

The LRZ4 is part of our LyteRayz® value line series. Each LRZ4 module features four LEDs, producing 282 lumens per foot. Great for channel letters, box signs and cove lighting, the LRZ4 comes in two white color temperatures, has an IP66 rating and a five-year warranty.

**Applications:**

- Channel letters
- Box signs
- Cove lighting
- Applications starting at 3" (75 mm) depth

+12V
12V DC

5Yr
5 YEAR LIMITED WARRANTY

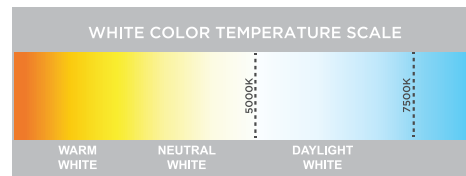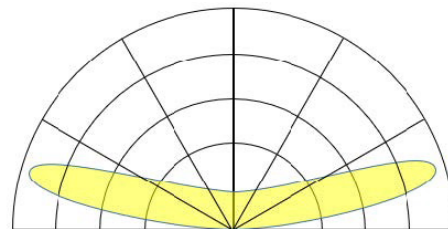50,000 HRS
L70 LIFETIME

## 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-LRZ4-75K-B200-A | 7500K | 4 | 200 | 1.5 | 5 | 185 | 282 | 925 |
| LS-LRZ4-50K-B200-A | 5000K | 4 | 200 | 1.5 | 5 | 185 | 282 | 925 |

## PRODUCT RATINGS

| | |
|---|---|
| Luminous Efficacy | 149 lm/W @ 7500K |
| Wattage per Module | 1.24 W/module |
| Input Voltage | 12 V DC |
| Input Current | 103 mA |
| Power Supply Loading | 48 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

5000K    7500K

WARM WHITE    NEUTRAL WHITE    DAYLIGHT WHITE

## MODULE DIMENSIONS

| Part Number | Length (in/mm) | Width (in/mm) | Height (in/mm) |
|---|---|---|---|
| LS-LRZ4-xxK-B200-A | 2.32/59 | 1.52/39 | 0.33/8 |

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## POWER SUPPLY LOADING

| Module Type | per 60W | | | |
|---|---|---|---|---|
| | Max. # of Modules Per String | Total # of Modules | Total # of Feet | Total # of Meters |
| LS-LRZ4-xxK-B200-A | 20 | 48 | 31.5 | 9.6 |

## LAYOUT GUIDE*

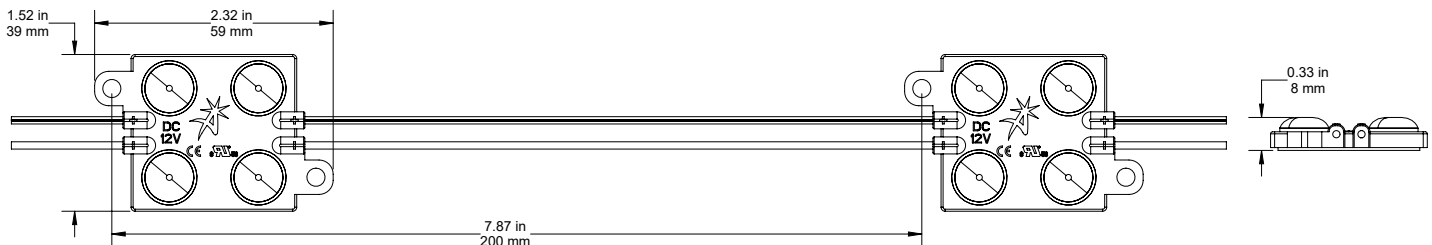| Channel Depth (in.) | Single Row | | Multiple Rows | | Channel Depth (mm) | Single Row | | Multiple Rows | |
|---|---|---|---|---|---|---|---|---|---|
| | Max. Stroke | Module Spacing | Row Spacing | Module Spacing | | Max. Stroke | Module Spacing | Row Spacing | Module Spacing |
| 3 | 8 | 8 | 4 | 4 | 75 | 200 | 200 | 100 | 100 |
| 4 | 12 | 8 | 7 | 6 | 100 | 300 | 200 | 175 | 150 |
| 5 | 16 | 8 | 10 | 8 | 125 | 400 | 200 | 250 | 200 |
| 6 | 18 | 8 | 12 | 8 | 150 | 450 | 200 | 300 | 200 |
| 7 | 22 | 8 | 12 | 8 | 175 | 550 | 200 | 300 | 200 |
| 8 | 24 | 8 | 18 | 8 | 200 | 610 | 200 | 450 | 200 |

*Module spacing is defined by 7328 white sign face material

## SHIPPING INFORMATION

| Module Type | Specs | Packaging Quantity | | |
|---|---|---|---|---|
| | | Per Bag | Per Box | Per Carton |
| LS-LRZ4-xxK-B200-A | Modules | 50 | 450 | 900 |
| | Feet | 32.8 | 295 | 590 |
| | Meters | 10 | 90 | 180 |

| Carton Dimensions | | | Carton Weight | Box Dimensions | | | Box Weight | |
|---|---|---|---|---|---|---|---|---|
| L | W | H | | L | W | H | | |
| 20.5 | 14.6 | 10.2 | 17.0 kg (37.5 lbs) | 13.78 | 9.84 | 9.06 | 8.0 kg (17.6 lbs) | in. |
| 520 | 370 | 260 | | 350 | 250 | 230 | | mm |

## DIMENSION DRAWING



1.52 in / 39 mm   2.32 in / 59 mm   0.33 in / 8 mm   DC 12V   7.87 in / 200 mm

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.