

# LMEZ 2 - DROP LENS

LED - Suspended Linear Direct Luminaire with Drop-Rectangular Lens

|          |            |       |
|----------|------------|-------|
| Project: | Catalogue: | Type: |
| Notes:   |            |       |

## Product Description

Premium-grade linear LED luminaire featuring a precision-formed drop lens that offers soft, diffused illumination. The LMEZ 2 is designed for use in indoor applications where direct linear lighting is desired. This luminaire is suitable for individual suspended applications and offers visual comfort for indoor new-construction, architectural, and retail settings.

## Applications

Classrooms, Libraries, Office Areas, Retail Stores



## Features

- Pressure-fitted lay-in frosted diffuser
- 2" width
- Standard low voltage dimming (0-10v) 1%
- Stand-alone configurations
- Suitable for damp locations

## Featured Options

- Available in 24", 48", 72" and 96" lengths
- Lumen Output up to 1000 Lumens/FT
- Tunable white (2700 - 6500K)
- Emergency lighting battery pack
- 80+ and 90+ CRI

## Optical System

Precision formed rectangular frosted diffuser offers high levels of efficiency and visual comfort.

## Mounting

Various adjustable aircraft cable kits available. (Sold separately, see page 2).

## Construction

Die-formed and spot-welded, code gauge steel housing assembly.

## Finish

White polyester powder painted housing standard. Other finishes available (see ordering key).

## Electrical

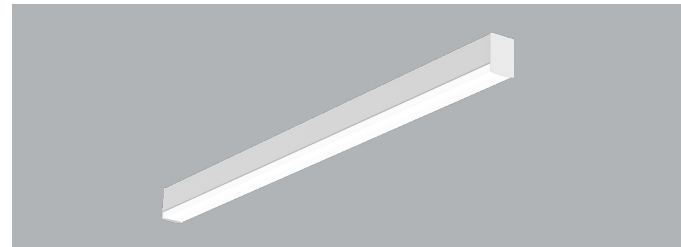
Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance >60,000 hours.

## Warranty

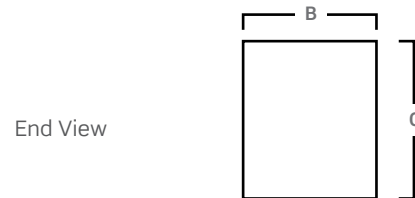
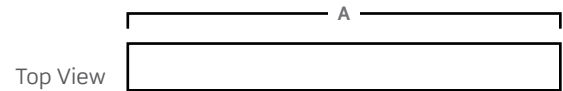
5 year limited warranty. For complete warranty, click here: [5YR Warranty](#)

## Approvals

- ETL Listed.
- Suitable for Damp Location



## Dimensions



| Size | A       | B  | C  |
|------|---------|----|----|
| 24   | 22 1/4" | 2" | 4" |
| 48   | 44 1/4" |    |    |
| 72   | 66 3/8" |    |    |
| 96   | 88 1/2" |    |    |

View page 3 for mounting option dimensions. Consult installation guide for exact dimensions.

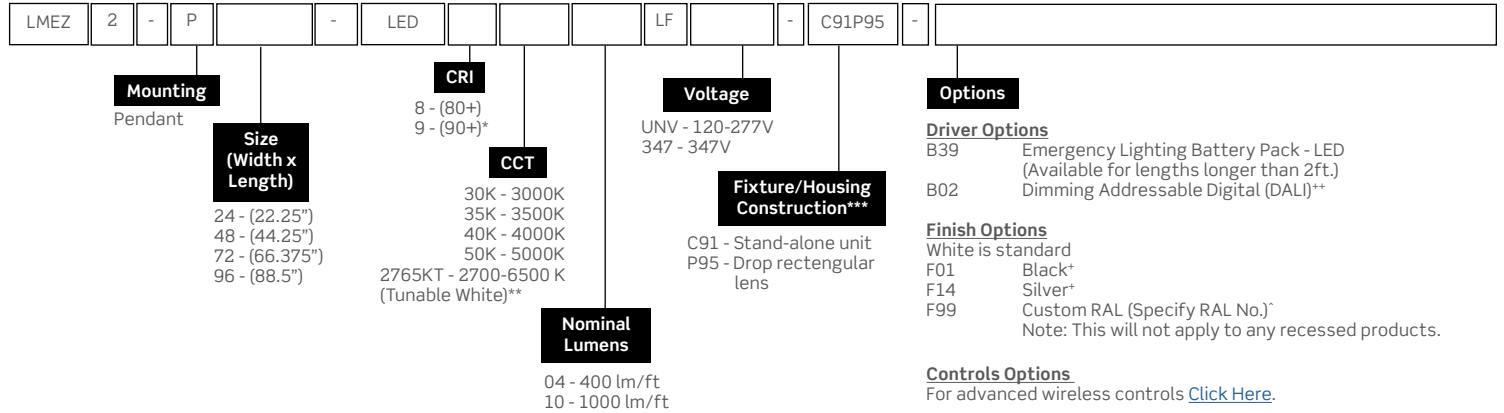
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## Order Key

**EXAMPLE: LMEZ2-P48-LED835K0410LFUNV-C91P95**



\*90+ CRI reduces lumen output by 20%, not available with 5000K

\*\* When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standard with two sets of 0-10V wires for dimming and color tuning (see tunable white diagram for details). For compatible control options please consult factory.

\*\*\*Power feeds, canopies & air craft cables must be ordered separately. See "How to order" section for details.

\*\*Consult factory for availability and lead times.

†Black (F01) reduces lumen output by 40%. Silver Gray (F14) reduces lumen output by 20%. Consult factory for higher lumen options. Black Acrylic Bottom Lens (P114) reduces lumen output by 75%.

^Minimum order quantity may apply. Consult factory.

Other options may be available, consult factory. Specifications and data subject to change without notice.

## Performance Data

| Size | Nominal lm per Foot Down | Total Delivered lm Down | Total Watts | lm/W |
|------|--------------------------|-------------------------|-------------|------|
| 24"  | 400                      | 844                     | 8.5         | 100  |
|      | 1000                     | 2017                    | 22.1        | 91   |
| 48"  | 400                      | 1633                    | 17.2        | 95   |
|      | 1000                     | 4040                    | 48.3        | 84   |
| 72"  | 400                      | 2415                    | 24.3        | 99   |
|      | 1000                     | 6026                    | 65.3        | 92   |
| 96"  | 400                      | 3266                    | 24.4        | 134  |
|      | 1000                     | 8080                    | 96.3        | 84   |

Values based on 840K with standard lens at 25C

## Performance Scaling Factor

|       | 50K   | 40K   | 35K   | 30K   |
|-------|-------|-------|-------|-------|
| 80CRI | 1.000 | 1.000 | 0.960 | 0.946 |
| 90CRI | 0.875 | 0.875 | 0.836 | 0.809 |

## Lifetime Expectancy






|     | Calculated Hours | Reported Hours |
|-----|------------------|----------------|
| L70 | ≥238,000         | >60,000        |
| L80 | ≥149,000         | >60,000        |
| L90 | ≥71,000          | >60,000        |

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## Suspension & Power Kits

| Part#   |   | Description   |
|---|---|---|
| KIT00292 (White)<br>KIT00237 (Black)              |  | 48" Aircraft Cable & Canopy   |
| KIT00293 (White)<br>KIT00238 (Black)              |  | 5-Wire 18ga UNV Power Supply with 48" Aircraft Cable & Canopy           |
| KIT00230 (White)<br>KIT00253 (Black) <sup>†</sup> |  | 6-Wire UNV Power Feed with 48" Air Craft Cable & Canopy (Emergency)     |
| KIT00294 (White)                                  |  | 3-Wire 347V Power Feed with 48" Air Craft Cable & Canopy (Non-dimmable) |
| KIT00295 (White)                                  |  | 5-Wire 347V Power Feed with 48" Air Craft Cable & Canopy                |

For other suspension kit lengths, please consult factory.  
Emergency suspension kit required for each fixture containing emergency battery pack.

## Tunable White

When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standard with two sets of 0-10V wires for dimming and color tuning. For compatible control options please consult factory.

Dim and CCT control wire colors are subject to change without notice. All control wires are marked per the parentheses.

