LMEZ

Visioneering Linear

LEVITON | Certolux Visioneering

Project:	Catalogue:	Type:
Notes:		

Product Description

Specification-grade, LED modular linear lighting luminaire. For use with indoor applications where continuous linear lighting is desired such as perimeter lighting applications. This luminaire is suitable for surface, suspended or wall-mounting individually or in continuous rows while offering an optional uplight component with an internal baffle that separates uplight and downlight components.

Applications

Classrooms, libraries, office areas, retail stores, and supermarkets

Features

- Available in pendant, surface, recessed and wall-mounting configurations
- Clear prismatic acrylic diffuser
- Continuous row-mounting capability
- Available in lengths from 24 to 96 inches
- Optional metal straight blade and parabolic baffles
- 80+, 90+ CRI
- Standard low voltage dimming (0-10v, 1%)

Approvals

- Approved to CSA/UL standards.
- RoHS Compliant.

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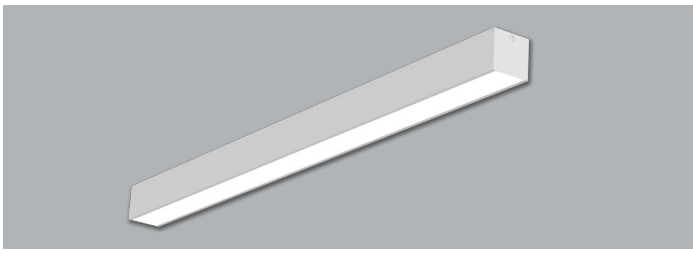
RoHS COMPLIANT

Featured Options

- Emergency lighting battery pack
- Optional lenses and louvers, see product selection
- Aircraft cable and power canopy set
- Stem & canopy sets
- Slots for uplighting
- Consult factory for other finishes



Optical System

Internal baffle separates uplight and downlight components. Optional shielding is available, see product key for alternate configurations. Metal baffle louvers are available with straight or parabolic blades, in a variety of sizes and finishes.

Mounting

Knockout is provided for stem-mounting (1/2 inch NPT rigid pipe). Optional stem and canopy sets are available in multiples of six inches.

Construction

Die-formed and spot-welded, code gauge steel housing assembly. Spot-welded for rigidity and clean appearance. Diffuser or baffle lays in directly on to fixture flange on two sides. This luminaire is suitable for row-mounting. Flattened knockouts are provided on ends for through wiring. Regressed bottom lip available for added rigidity and aesthetic appeal.

Finish

5-stage pretreatment, polyester powder coating.

Electrical

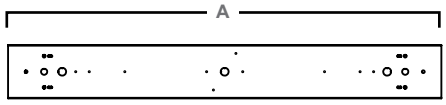
Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance for over 60,000 hours. Supplied with dimmable drivers (0-10v). System efficacy of at least 100 lumens per watt for standard units.

Warranty

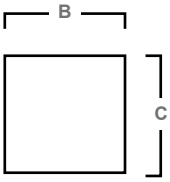
5-year limited warranty. For complete warranty, click here: 5YR Warranty

Dimensions

Top View



End View



Dimensions (inch)			
Size	A	B	C
24	24	6	6
48	48		
96	96		

View page 4 for mounting option dimensions.
Consult the installation guide for exact dimensions.

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Order Key

EXAMPLE: LMEZR48-LED835K025LUNV-L02

LMEZ [ ] [ ] - LED [ ] [ ] [ ] [ ] - [ ]

Mounting
- B - Wall Bi-Directional
- D - Recessed Dry-wall
- P - Pendant/Downlight
- R - Recessed T-Bar
- W - Wall Downlight
- U - Pendant Uplight

Size (Width x Length)
- 24
- 48
- 72
- 96

CRI
- 8 - (80+)
- 9 - (90+) ^

CCT
- 30K - 3000K
- 35K - 3500K
- 40K - 4000K
- 50K - 5000K
- 2765KT - 2700-6500 K (Tunable White)*

Nominal Lumens

24"	012L - 1200
48"	025L - 2500 050L - 5000
96"	050L - 5000 100L - 10000

Voltage
- UNV - 120-277V
- 347 - 347V

Options

Driver Options

B39	Emergency Lighting Battery Pack - LED
B02	Dimming Addressable Digital (DALI)

Baffle Options

L02	Baffle Parabolic Blade Semi-specular 1-1/2H x 2 Spacing
L04	Baffle Straight Blade White 1"H x 2" Spacing

Finish Options

White is standard (F09)

F01	Black
F14	Silver
F99	Custom RAL (Specify RAL No.) ++ Note: This will not apply to any recessed products

Packaging Options

K0	Bulk Pack/Pallet Packed and/or Wrapped

Lens Options

Prismatic acrylic lens is standard (P12)

P73	Frosted Acrylic
P114	Black Acrylic Lay-in Bottom Lens

Mounting Options

M02	Mounting - End Run (one end)
M03	Mounting - Free Standing (2 ends)
M05	Mounting - Middle Section

Wiring Options

V68	Microwave Occupancy Sensor
V76	Leviton Intellect Solo
V99(xx)	Fixture-integrated networked lighting components
V100	Flexible Whip - Armored Cable

Controls Options

For advanced wireless controls Click Here.

^ 90+ CRI reduces lumen output by 20%, Consult factory for lead times and availability.

* When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standards 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.

++ Minimum order quantity may apply. Consult factory.

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

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Performance Data

Size (Standard Downlight Only)	Nominal Lumens	Watts
24”	1200	19
48”	2500	38
	5000	76
96”	5000	76
	10000	152

Mounting Kits

Part#	Description	
KIT00292 (White) KIT00237 (Black)		48” Aircraft Cable & Canopy
KIT00293 (White) KIT00238 (Black)		5-Wire 18ga UNV Power Supply with 48” Aircraft Cable & Canopy
KIT00230 (White) KIT00253 (Black)†		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

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

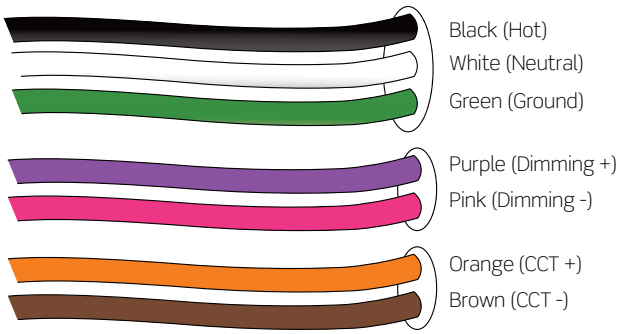
EM Ordering Guide

EM Function	Order Code	Description	Notes
Standard EM	B39	10W EM battery pack	Standard 10W output, 90 minute run time in emergency mode.
High Wattage EM	B39(20W)	20W EM battery pack	Standard 20W output, 90 minute run time in emergency mode.
347V EM	347…B39	8W 347V EM battery pack	Fixture part number indicates 347V input voltage.
347 High Wattage EM	347…B39(20W)	20W 347V EM battery pack	Fixture part number indicates 347V input voltage.
Self Testing EM	B39(SD)	10W Self Test EM battery pack	Self test instructions provided with each fixture. Digital copies available as needed.
Cold Weather	B06…B39	10W Cold Weather EM battery pack suitable to -20°C	Standard EM battery pack 0°C minimum temperature.
120 Minute EM	B39(2HR)	EM battery pack with 120 minute minimum run time	Standard 14W output, 120 minute run time in emergency mode.
Specified EM	B39(xx)	Customer to specify brand, model number and/or feature.	xx Indicates model number of specified by Viscor.

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.



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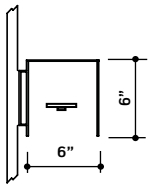
Mounting Option Dimensions

Configuration

DIRECT DOWN-LIGHT

Type **W**
Wall Mount



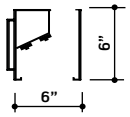
Type **P** with
Pendant Mount

OR

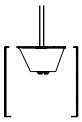
Surface Mount

BI-DIRECTIONAL

Type **B**
Wall Mount
(20% Uplight)

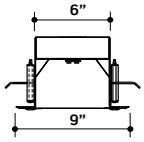


Type **U**
Pendant Mount
(5% Uplight)

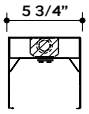


RECESS

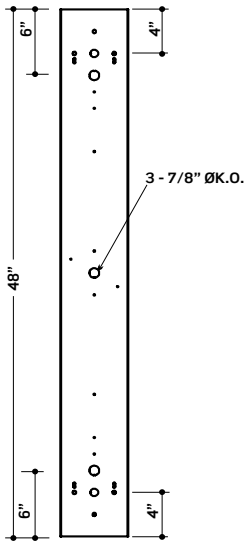
Type **D**
For Drywall



Type **R**
For T-Bar



(Suitable for TechZone™ 6-in ceiling)



LMEZ 48 SHOWN
Back View

Mounting Option D: Recessed Dry-wall

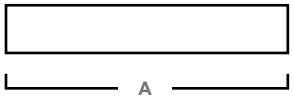
Top View

End View

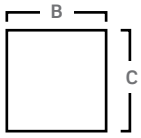
Size	A	B	C
24	26”	9”	6”
48	50”		
96	98”		

Mounting Option R: Recessed T-Bar

Top View



End View



Size	A	B	C
24	23.75”	5.75”	6”
48	47.75”		
96	95.75”		