LMEZX
LED - MEZ Multi-Function

LEVITON® | **Visioneering**

Project:	Catalogue #:	Type:
Notes:		

Product Description
Specification-grade, LED modular linear luminaire with direct and indirect illumination. This luminaire features a narrow design and is ideal for architectural applications that require clean and uniform lines.

Applications
Office Areas, Perimeters, Retail Stores, Corridors, Classrooms, Libraries, Hospitality

Features
- Frosted Lenses
- Continuous row-mounting capability
- 80+ CRI
- Available in pendant, surface and wall mount configurations
- 0-10V, 1% dimming

Featured Options
- Emergency lighting battery pack (Remote mount only)

Optical System
Standard diffuser is frosted extruded snap-in acrylic lens.

Mounting
Standard aircraft cable for suspended-mount application (nominal 4 foot suspension) Mounting holes are provided for surface-mount applications.

Construction
Extruded aluminum housing.

Finish
White, polyester powder painted housing.

Electrical
Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance >50,000 hours. Standard 4 foot nominal white, singlecircuit. All electrical components are CSA approved or UL listed.
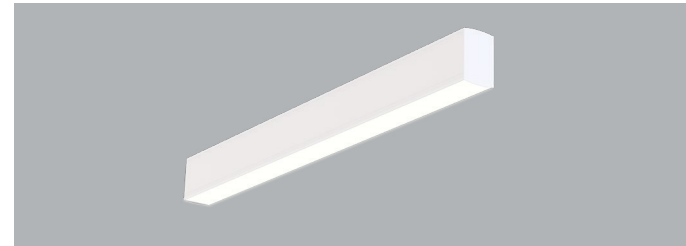
Warranty
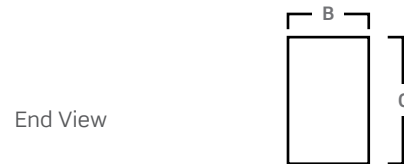5 year limited warranty. For complete warranty, click here: **5YR Warranty**

Approvals
- Approved to CSA/UL standards.
- Rated for damp locations

c**UL**us LISTED   **DAMP** LOC

Dimensions

Top View

End View
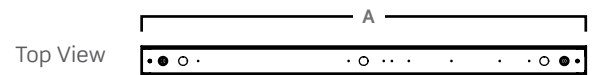
Size	A	B	C
24	22 3/8"	3"	4 1/2"
48	44 3/8"	3"	4 1/2"
96	88 5/8"	3"	4 1/2"
144	132 7/8"	3"	4 1/2"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LMEZXC48-LED840K022LUNV

`LMEZX` `[ ]` `[ ]` - `LED` `[ ]` `[ ]` `[ ]` `[ ]` - `[ ]`

Fixture Length (in)
24
48
96
144

Mounting
C - Surface Ceiling
G - Wall Bi-directional
P - Pendant/Downlight
T - Pendant/Bi-directional
W - Wall Downlight

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

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

Voltage
UNV - 120-277V
347 - 347V

Nominal Lumens

24"	011L - 1100
48"	022L - 2200
96"	044L - 4400
144"	066L - 6600

Options

Driver Options
B39   Emergency Lighting Remote Battery Pack - LED

Finish Options (Select one only)
Matte White is standard - F09
F01   Black
F14   Silver Reflective
F99   Custom RAL (Specify RAL No.)**
            Note: This will not apply to any recessed products

Configuration
(Free Standing [2 ends] is Standard)
M56   Tandem Row - Start Fixture
M57   Tandem Row - Mid Fixture
M58 T   andem Row - End Fixture

Wiring Options
V94   4-ft 5-wire white cord

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.

Performance Data

Size	Nominal Lumens	Watts
24"	1100	11
48"	2200	21
96"	4400	37
144"	6600	58

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	≥71,00	>60,000

Mounting

P — Pendant/Downlight

T — Pendant/Bi-directional

W — Wall Downlight

G — Wall Bi-directional

C — Surface Ceiling
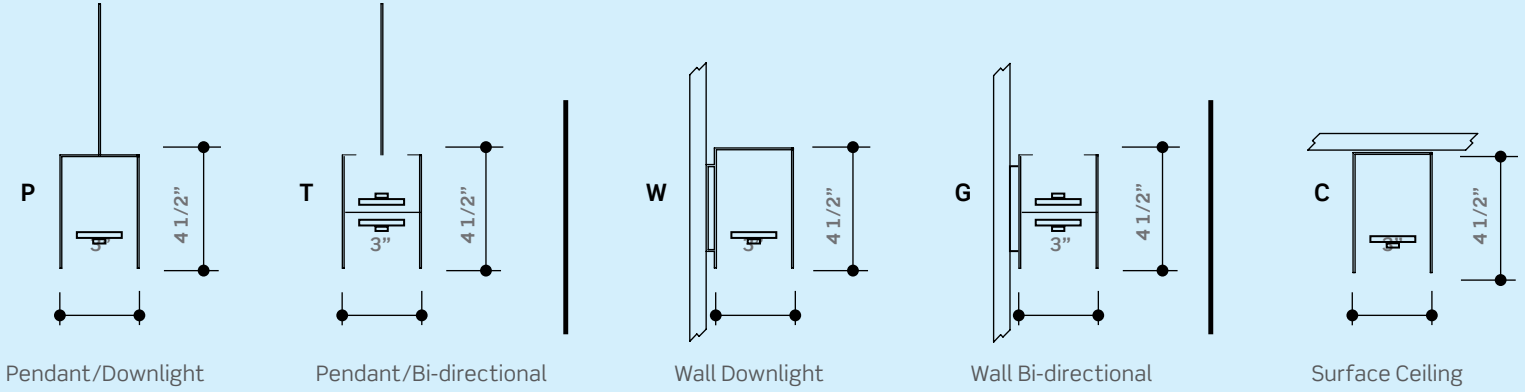
Project:	Catalogue #:	Type:
Notes:		

Photometrics

IES File: LMEZXP48-LED840K022LUNV
Lumens: 2211
Wattage: 16.28
Efficacy: 136
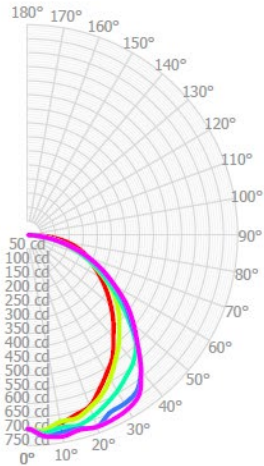
Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	584	26.3%
0.0° - 40.0°	965	43.5%
0.0° - 60.0°	1717	77.3%
0.0° - 90.0°	2220	100.0%
0.0° - 110.0°	2220	100.0%
0.0° - 130.0°	2220	100.0%
0.0° - 150.0°	2220	100.0%
0.0° - 170.0°	2220	100.0%
0.0° - 180.0°	2220	100.0%

Average Luminance Table (cd/m2) CP Summary

	0.00°	45.00°	90.00°
0.00°	8886	8886	8886
45.00°	7902	9954	10137
55.00°	7728	8954	9734
65.00°	7969	8287	9052
75.00°	9506	7568	8189
85.00°	12636	6425	5900

Coefficients of Utilization

ρc	80%			70%			50%		
ρw	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	120	120	120	117	117	117	112	112	112
1	109	104	99	106	102	97	101	97	94
2	99	90	83	96	88	82	91	85	79
3	90	79	71	87	77	70	83	74	68
4	82	70	61	80	69	60	76	66	59
5	76	62	53	73	61	53	69	59	51
6	70	56	47	68	55	47	64	53	46
7	65	51	42	63	50	42	60	48	41
8	60	46	38	59	46	37	56	44	37
9	56	43	34	55	42	34	52	41	33
10	53	39	31	51	39	31	49	38	31

Effective Floor Cavity Reflectance: 20%

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.

Black (Hot)
White (Neutral)
Green (Ground)

Purple (Dimming +)
Pink (Dimming -)

Orange (CCT +)
Brown (CCT -)