

Project:	Catalogue #:	Type:
Notes:		

## Product Description

An Intellect enabled chic Allura Moda features a slim profile and provides the optimal balance between uniform and glare-free task lighting. This direct/indirect luminaire enhances visual comfort without sacrificing performance. This luminaire features standalone occupancy sensor with daylight harvesting or wireless occupancy/daylight sensor that integrates into the Intellect wireless control system.

## Applications

Boardrooms, Corridors, Classrooms, Studio Lofts, Offices

## Features

- Slim, linear profile
- Clear lens with debris shield
- Standard 4-ft 5-wire white cord with standalone configuration
- Standard low voltage dimming (0-10v, 1%)
- Intellect occupancy/daylight sensor

## Featured Options

- Emergency lighting battery pack
- Multiple distribution configurations
- Two aperture designs

## Optical System

Frosted acrylic diffuser offer high levels of efficiency and visual comfort. The bi-directional optics provide a wide, uniform light distribution. Standard distribution is 75% up and 25% down (see options for other distributions).

## Mounting

Single-point aircraft cable mounting system used at each hanging location.

## Construction

Precision-formed steel housing assembly.

## 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.

## Controls

Two Integrated control fixtures available (see ordering key on page 2). The Intellect in-fixture solo occupancy sensor with daylight harvesting and the Intellect in-fixture wireless occupancy/daylight sensor that integrates into the Intellect wireless control system.

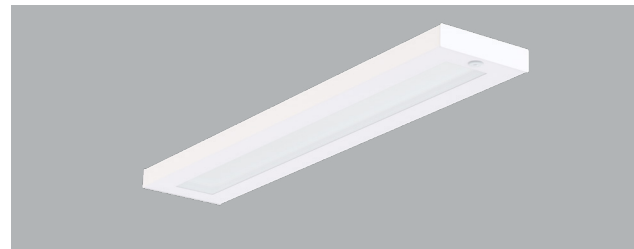
## Warranty

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

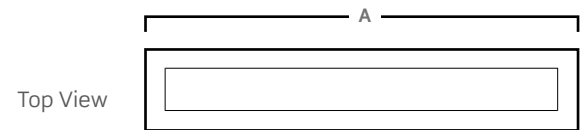


## Approvals

- Approved to ETL listed standards.
- Suitable for damp locations



## Dimensions



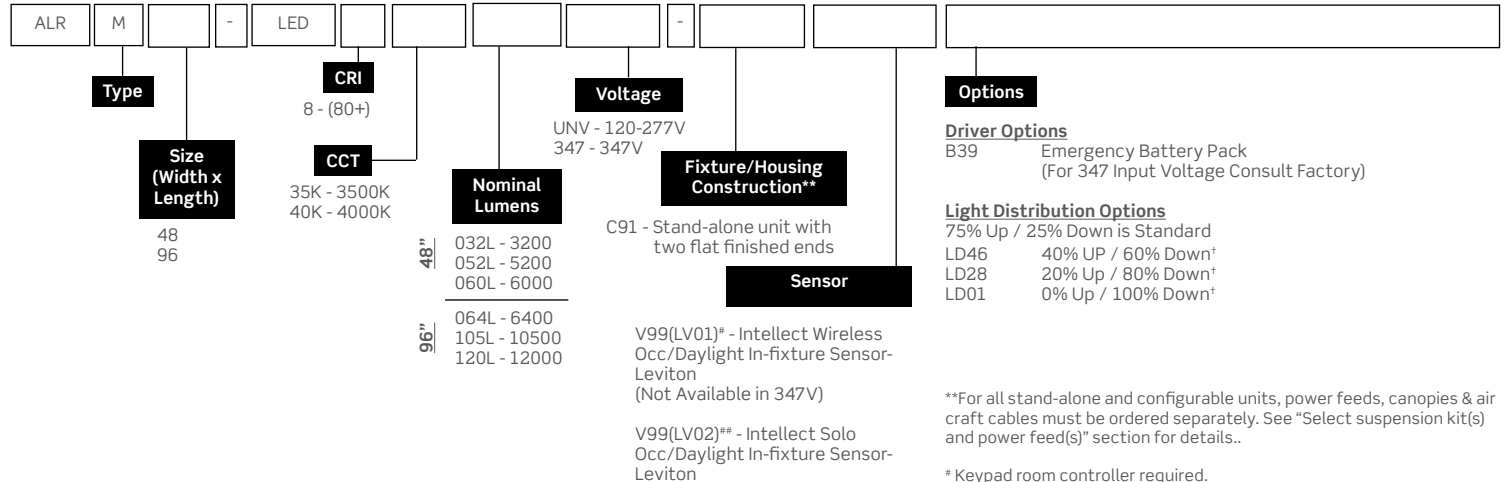
Size	A	B	C
48	48"	9"	2"
96	96"	9"	2"

Consult installation guide for exact dimensions.

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## Order Key

### EXAMPLE: ALRM48-LED840K052LUNV-C91V99(LV01)



\*\*For all stand-alone and configurable units, power feeds, canopies & air craft cables must be ordered separately. See "Select suspension kit(s) and power feed(s)" section for details..

\* Keypad room controller required.  
\*\* Remote controller available. Required to set daylight harvesting threshold.

† Light distribution options will reduce total output as follows: LD46 = -19%, LD28 = -24%, LD01 = -29%. Consult factory for custom lumen options.

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

## Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens Per Watt
48	3200	3243	21.3	152.5
	5200	5256	35.5	147.9
	6000	6027	41.3	146.1
96	6400	6487	42.5	152.5
	10500	10512	71.1	147.9
	12000	12054	82.5	146.1

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

## How to Order configurable system

### Select suspension kit(s) and power feed(s)\*\*\*

Part#	Description
KIT00200	48" Air Craft Cable & Canopy
KIT00201	5-Wire UNV Power Feed with 48" Air Craft Cable & Canopy
KIT00221†	6-Wire UNV Power Feed with 48" Air Craft Cable & Canopy (Emergency)
KIT00202	3-Wire 347V Power Feed with 48" Air Craft Cable & Canopy (Non-dimmable)
KIT00203	5-Wire 347V Power Feed with 48" Air Craft Cable & Canopy

\*\*\*One power feed is recommended for every 60 feet based on 6000 lumens unit on 120V 15A current.

\*\*\*For other suspension kit lengths, please consult factory. The standard finishing for fixtures, connectors, and suspension kits is white. Other finishing option may be available, consult factory

† Emergency suspension kit must be connected to the housing containing emergency battery pack.

# Allura M (Moda) - Intellect

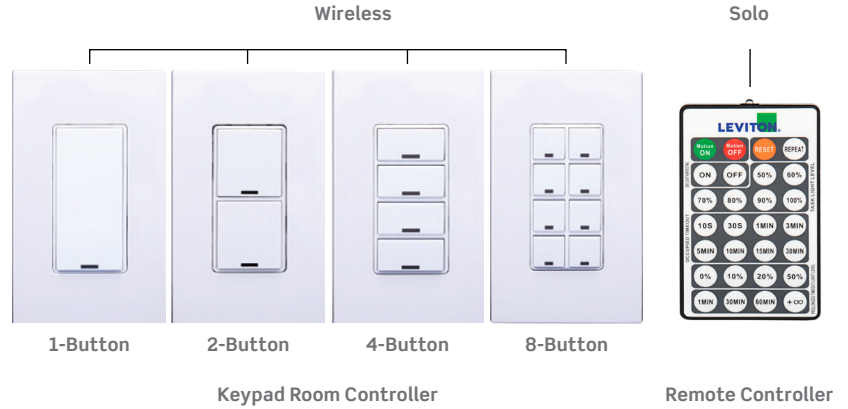
LED - Linear Type M - Architectural Lighting

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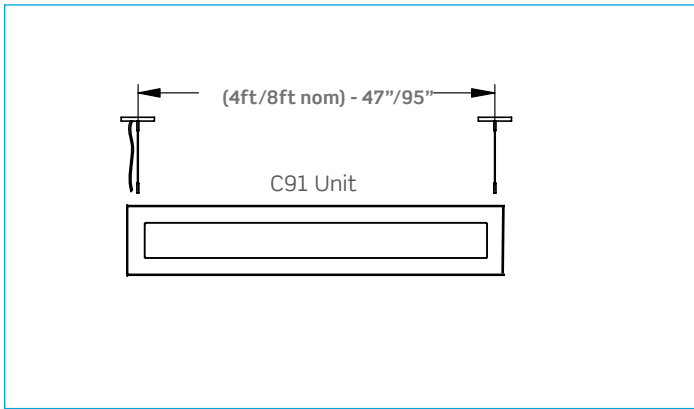
## Intellect Controllers (Ordered Separately)

Item No.	Description	Sensor Type Compatibility
KIT00226	8 Buttons Keypad	V99(LV01)
KIT00227	4 Buttons Keypad	V99(LV01)
KIT00228	2 Buttons Keypad	V99(LV01)
KIT00229	1 Button Keypad	V99(LV01)
ELC00368	Remote Controller	V99(LV02)

\*Wall Plate by Others



## Mounting Points



## Popular Configurations

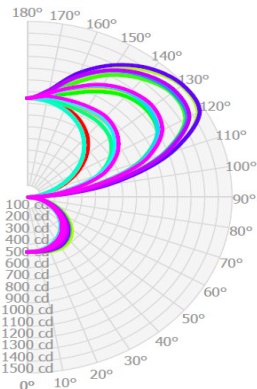
Stand-alone with flat ends

Part#	Description	Qty.
C91		1
KIT00200		1
KIT00201		1



## Photometrics

IES File: **ALRM48-LED840K052LUNV**  
 Lumens: **6748**  
 Wattage: **56.8**  
 Efficacy: **119**



### Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	401	5.9%
0.0° - 40.0°	674	10.0%
0.0° - 60.0°	1261	18.7%
0.0° - 90.0°	1688	25.0%
0.0° - 110.0°	2529	37.5%
0.0° - 130.0°	4390	65.0%
0.0° - 150.0°	5913	87.6%
0.0° - 170.0°	6644	98.5%
0.0° - 180.0°	6748	100.0%

### Coefficients of Utilization

pc	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	101	101	101	90	90	90	69	69	69
1	92	88	84	82	78	75	63	60	58
2	83	76	70	74	68	63	56	52	49
3	76	67	60	67	59	53	51	46	42
4	69	59	51	61	52	46	47	41	36
5	63	52	44	56	47	40	43	36	31
6	58	46	38	51	42	35	39	32	27
7	54	42	34	47	37	31	36	29	24
8	49	38	30	44	34	27	34	26	22
9	46	34	27	41	31	24	31	24	19
10	43	31	24	38	28	22	29	22	17

### Average Luminance Table (cd/m<sup>2</sup>) CP Summary

	0.00°	45.00°	90.00°
0.00°	1679	1679	1679
45.00°	1771	2065	2302
55.00°	1756	2110	2375
65.00°	1687	2098	2377
75.00°	1486	2074	2356
85.00°	1301	2417	2735

Effective Floor Cavity Reflectance: 20%