



Project:	Catalogue #:	Type:
Notes:		

## Product Description

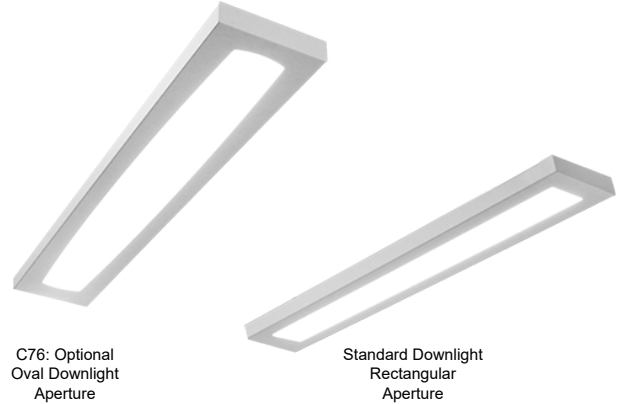
The chic Allura Moda features a slim profile and provides the optimal balance between uniform and glare-free task lighting. This direct/indirect luminaire enhances visual comfort without sacrificing performance.

## Features

- Slim, linear profile
- Suitable for row-mounting
- Clear lens with debris shield
- Standard aircraft cables
- Standard low voltage dimming (0-10v, 1%)

## Applications

- Boardrooms
- Corridors
- Classrooms
- Studio Lofts
- Offices



C76: Optional Oval Downlight Aperture

Standard Downlight Rectangular Aperture

## Featured Options

- Multiple distribution configurations
- Two aperture designs
- Emergency lighting battery pack
- IOT integrated wireless solutions

## 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

Adjustable aircraft cable mounting system used at each hanging location.

## Construction

Precision-formed steel housing assembly. Standard downlight aperture is rectangular opening (see options for oval aperture).

## 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.

## Warranty

5 year limited warranty. For complete warranty terms visit: [http://viscor.com/assets/Viscor\\_LED\\_Warranty.pdf](http://viscor.com/assets/Viscor_LED_Warranty.pdf)

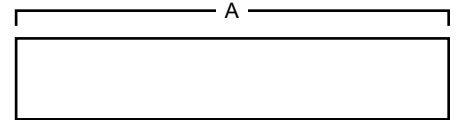
## Approvals

Approved to CSA/UL standards. Suitable for damp locations.

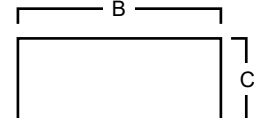


## Dimensions

Top View



End View



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

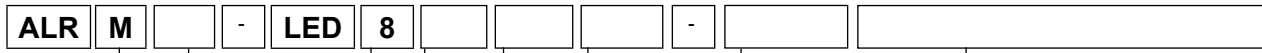
Consult installation guide for exact dimensions.



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## Order Key

### EXAMPLE: ALRM48-LED840K052LUNV-C91



**Type**

**Size (Width x Length)**  
48  
96

**CRI**

8 - (80-89)

**CCT**

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

**Voltage**

UNV - 120-277V  
347 - 347V

**Fixture/Housing Construction**

C91 - Stand-alone unit with two flat finished ends  
(power feed, canopies & air craft cables included)

M56\* - Start unit of configurable system with one finished end and one open end

M57\* - Middle unit of configurable system with two open ends

M58\* - End unit of configurable system with one finished end and one open end

**Options**

**Driver Options**

B39 Emergency Lighting Battery Pack - LED

**Downlight Aperture Options**

Rectangular aperture is standard

C76 Oval Downlight Aperture

**Light Distribution Options**

75% Up / 25% Down is Standard

LD46 40% Up / 60% Down

LD28 20% Up / 80% Down

LD01 0% Up / 100% Down

**Controls Options**

V99(LV01) Wireless Occ/Daylight Sensor

-Leviton

V99(P02) Daylight/Occupancy Sensor

- Philips

V99(L06) Wireless Occ/Daylight Sensor

-Lutron

V99 (C01) Casambi Wireless Controller Module

Size	Nominal Lumens	Watts
48	3200	24
	5200	39
	6000	45
96	6400	43
	10500	77
	12000	90

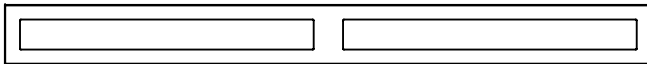
**Nominal Lumens**

48"  
032L - 3200  
052L - 5200  
060L - 6000

96"  
064L - 6400  
105L - 10500  
120L - 12000

## Downlight Aperture Options

Rectangular Downlight Aperture (Standard)



Oval Downlight Aperture (C76)



\*For start, middle, and end unit of configurable system, power feeds, canopies & air craft cables ordered separately. See "How to order" section

\*\*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.

The standard finishing for fixtures, connectors, and suspension kits is white. Other finishing option may be available, consult factory.

Other options may be available, consult factory.

Specifications and data subject to change without notice.

## How to order

**Step 1)** Select desired **unit** using order key above

Part #	Description
C91	Stand-alone
M56	Start Unit
M57	Middle Unit
M58	End Unit

**Step 2)** For configurable system, select desired **connector(s)**

Part #	Description
	For straight row mounting, no connector needed
KIT00197	Elbow Connector (90 Degrees)
KIT00198	T Connector
KIT00199	Cross Connector

**Step 3)** For configurable system, select **suspension kit(s)\*\*\*** and power feed(s)

Part #	Description
KIT00200	60" Air Craft Cable & Canopy
KIT00201	5-Wire UNV Power Feed with 60" Air Craft Cable & Canopy
KIT00202	3-Wire 347V Power Feed with 60" Air Craft Cable & Canopy (Non-dimmable)
KIT00203	5-Wire 347V Power Feed with 60" 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.



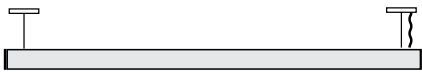
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## Popular Configurations

### Stand-alone with flat ends

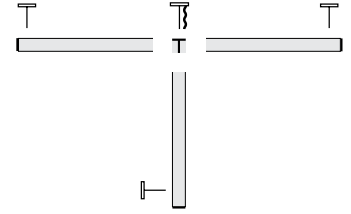
(power feed, canopies & air craft cables included)

Part #	Description	Qty.
C91		1



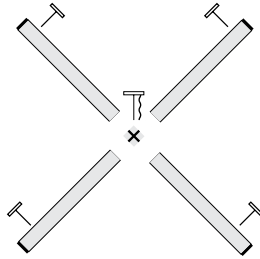
### Tee with flat ends

Part #	Description	Qty.
M58 Unit		3
KIT00200		3
KIT00201		1
KIT00198		1



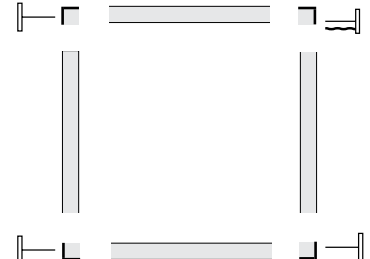
### Cross with flat ends

Part #	Description	Qty.
M58 Unit		4
KIT00200		4
KIT00201		1
KIT00199		1



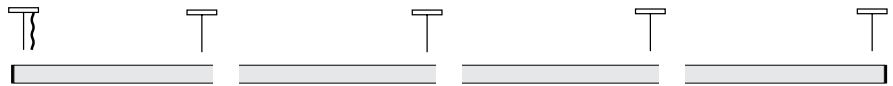
### Square / Rectangle

Part #	Description	Qty.
M57 Unit		4
KIT00200		3
KIT00201		1
KIT00197		4



### Row with flat ends

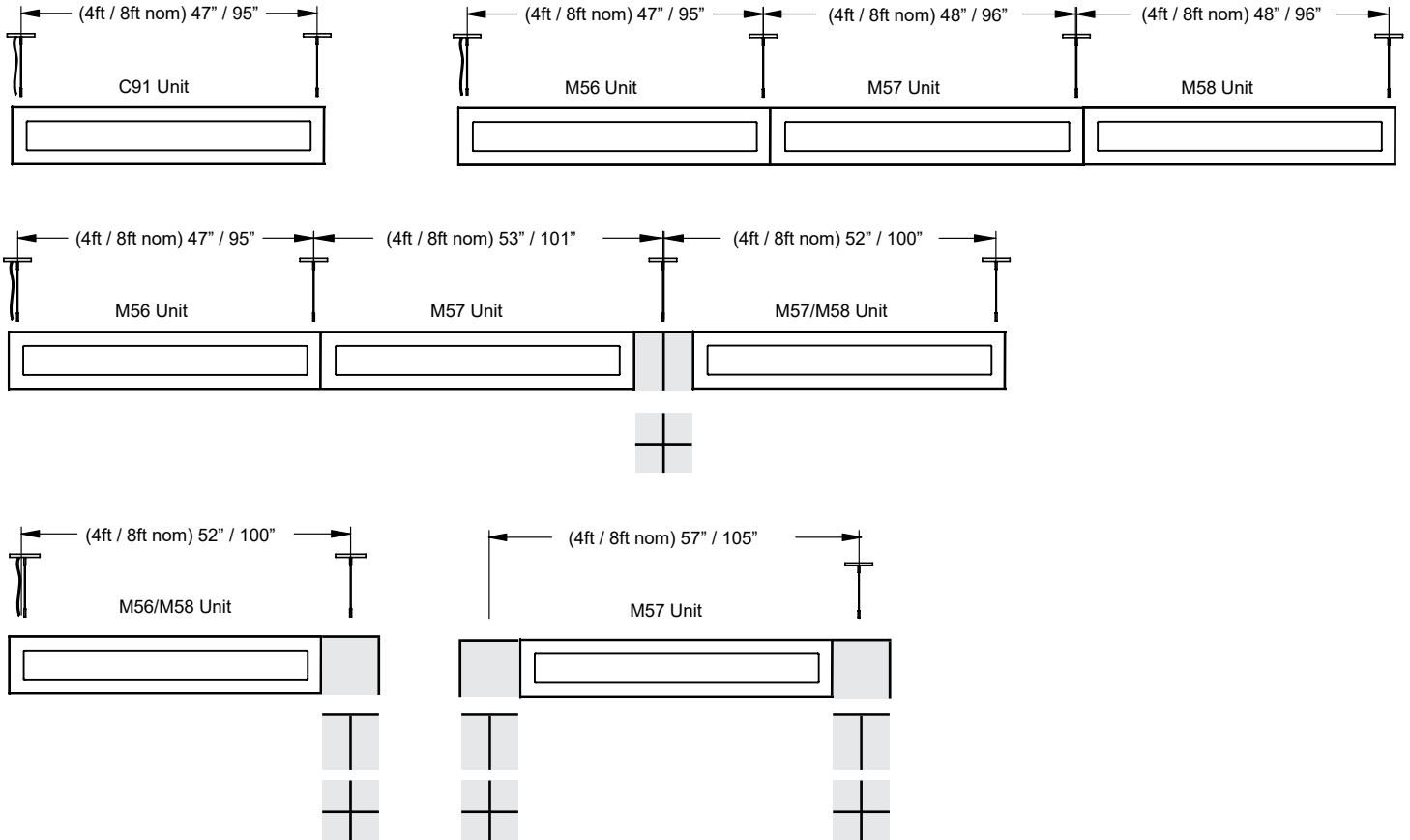
Part #	Description	Qty.
M56 Unit		1
M57 Unit		2
M58 Unit		1
KIT00200		4
KIT00201		1





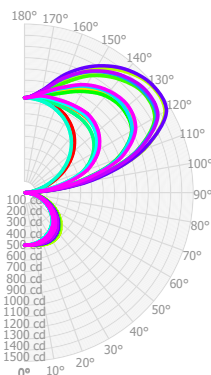
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## Mounting Points



## 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%

Standard Light Distribution:  
**75% Up / 25% Down**