

# ALC Architectural Linear Series

LED Linear Suspended Linear Run Luminaire

**Fixture Type:**

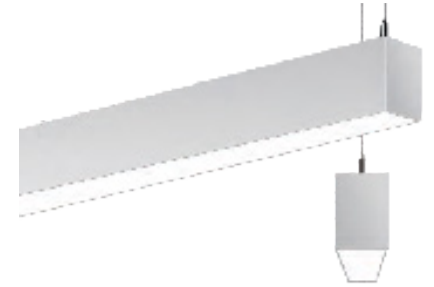
**Project Name:**

**Location:**

**Date:**

## Features

- 2.3 wide architectural linear luminaire available in 2ft/4ft/8ft
- Wattage switchable ( 50%/75%/100%)
- 3CCT Color Temperature adjustable (3000K/3500K/4000K)
- 7 embedded adjustable light distribution by dip switch  
100% up / 100% down/ 50% up 50% down/ 10% up 90% down  
30% down 70% up/ 70% down 30% up /90% up 10% down
- Extruded aluminum housing
- 4 Lens options
- Various mounting option include suspended mount, wall mount and surface mount - see other spec sheet
- 120V continuous run up to 40FT and 277V up to 100FT
- Suitable for damp location



## Product Performance Standard

<b>Size</b>	2/4/8FT x 2.3in W X 3.4in H	<b>Power Factor</b>	80
<b>Weight</b>	6 lb	<b>Life Span</b>	50,000
<b>Mounting</b>	Suspended Mount	<b>Dimmable</b>	1-10V Dimming
<b>Color Temp</b>	3 CCT	<b>Efficacy</b>	up to 115 lm/W
<b>CRI</b>	80	<b>Warranty</b>	5 Years
<b>Input Voltage</b>	120-277V	<b>Ambient Operation Temperature</b>	0C° (32°F) ~ 40° (104°F)



## Ordering Guide

Example: ALC-DUW3CCTAWH4'

Fixture Type	Lens	Wattage	CCT	Light Distribution	Finish	Linear Feet
ALC	D = Diffuser C = Conves L = Louver R = Reflector	UW = Wattage Select- able 50%/70%/100%	3CCT = Adjustable color Temp. (30K/35K/40K)	A = Light Distribution Selectable 100%down 100%up 50%up50%down 10%up90%down 90%up10%down 70%up30%down 30%up70%down	WH = White BK = Black	Nominal linear feet = in increments of 4' fixture lengths come in 2'/4'/8'

Last updated: 12-8-2022



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**Location:**

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## Ceiling Type

### STEP 2

#### Dry Wall Ceiling - Example: AL-PDWR4, AL-NDWR2

Power feed	Canopy Shape	Finish	Canopy Size
AL-PDW			4
Dry Wall Mount	R=Round	WH=Blank	4=4inch
Power feed side	S=Square	BK=Black	
Non - Power feed	Canopy Shape	Finish	Canopy Size
AL-NDW			
Dry Wall Mount	R=Round	WH=Blank	4=4inch
Non power feed side	S=Square	BK=Black	2= 2inch

**Notes:**

Dry wall ceiling mounts will consist of:

Power feed side: AL-SP(RorS)4 = 4" Round or Square canopy, AL-DKC = J-box cross bar, AL-CABLESFT = 5FT Power feed, AL-AC = Suspension Cable

Non power feed side: AL-SP(RorS)(2or4) = 4" or 2" Round or Square canopy, AL-AC=Suspension cable

#### Drop ceiling - Example: AL-PTBR9F4, AL-NTBR9F2

Power feed	Canopy Shape	Grid Size	Grid Type	Finish	Canopy Size
AL-PTB					4
Drop ceiling mount	R=Round	9=9/16	F=Flat	WH=Blank	4=4inch
Power feed side	S=Square	15=15/16	S=Slot	BK=Black	
Non-Power feed	Canopy Shape	Grid Size	Grid Type	Finish	Canopy Size
AL-PTB					
Drop ceiling mount	R=Round	9=9/16	F=Flat	WH=Blank	4=4inch
Non-Power feed side	S=Square	15=15/16	S=Slot	BK=Black	2=2inch

Drop ceiling mount will consist of:

Power feed side: AL-SP(RorS)4==4" Round or Square canopy, AL-PDKT=T bar power feed kit, AL-CABLE5FT=5FT Power feed, AL-AC=Suspension Cable

Non- Power feed side: AL-SP(RorS)(2or4) = 4" or 2" Round or Square canopy, AL-DKT= T bar non power feed kit, AL-AC=Suspension Cable



Continue the ordering steps on the next page.

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## Ceiling Type

### STEP 3

#### Linear Run connector



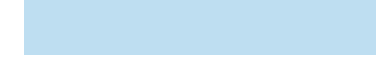
\*ALC-FC= Inline connector

\*Each in-line connector can be connect two fixtures  
120V continous run up to 40FT  
277V continous run up to 100FT

## Optional

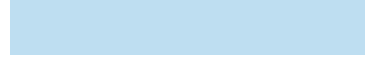
### STEP 4

#### Emergency Battery Backup



EM= Emergency battery backup  
(EMBK8WH-A-EXT02)  
(EMBK25WH-A-EXT02)

#### Diffuser Lens Roll



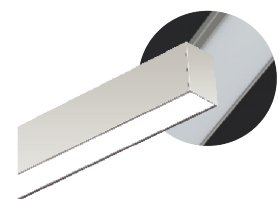
LR42 = 42' diffuser lens roll

End of the ordering step

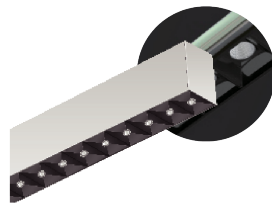
## Performance Data:

Lens	Diffuser	Louver	Micro Reflector	Convex
Lengths	2ft, 4ft, 8ft	2ft, 4ft, 8ft	2ft, 4ft, 8ft	2ft, 4ft, 8ft
Wattage	20W/ 40W/ 80W	20W/ 40W/ 80W	20W/ 40W/ 80W	20W/ 40W/ 80W
Efficay	115lm/W	90lm/W	115lm/W	95lm/W

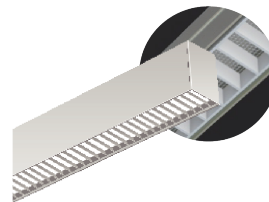
## Lens:



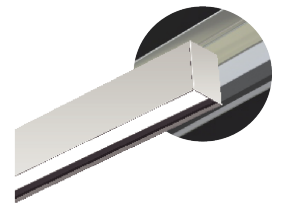
Diffuser  
(-D)



Micro Reflector  
(-R)



Louver  
(-L)



Convex Lens  
(-C)

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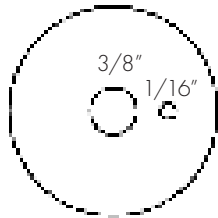
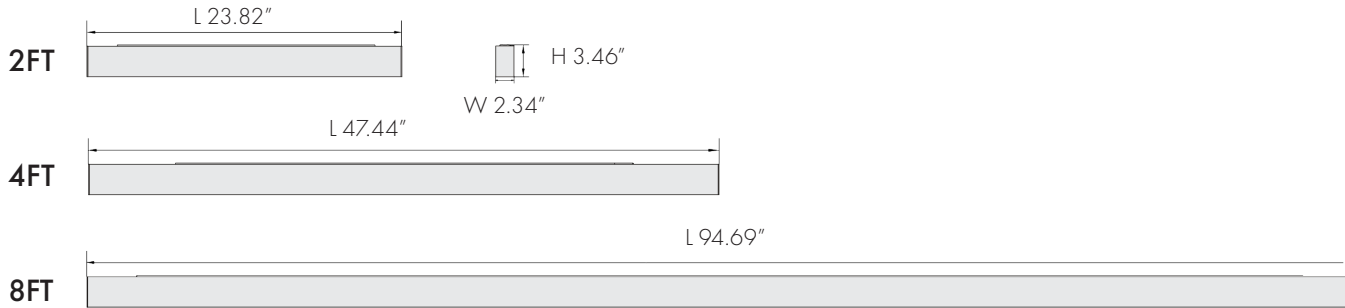
**Fixture Type:**

**Project Name:**

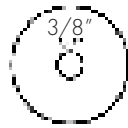
**Location:**

**Date:**

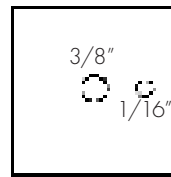
## Dimensions:



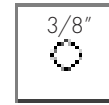
4" Power Feed Round Canopy



2" Non-Feed Round Canopy



4" Power Feed Square Canopy



2" Non-Feed Square Canopy

## Ceiling Type

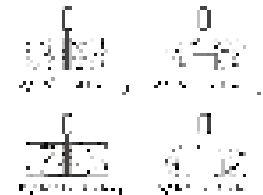
Drop Ceiling / Off Grid



Drop Ceiling / Off Grid

Compatible for various T grid

- 9/16" Flat
- 15/16" Flat
- 9/16" Slat
- 15/16" Slat



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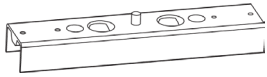
**Fixture Type:**

**Project Name:**

**Location:**

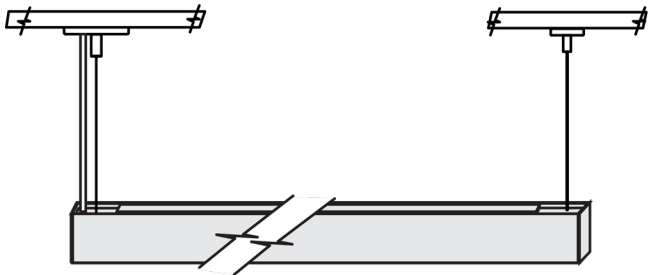
**Date:**

## Line Connection:



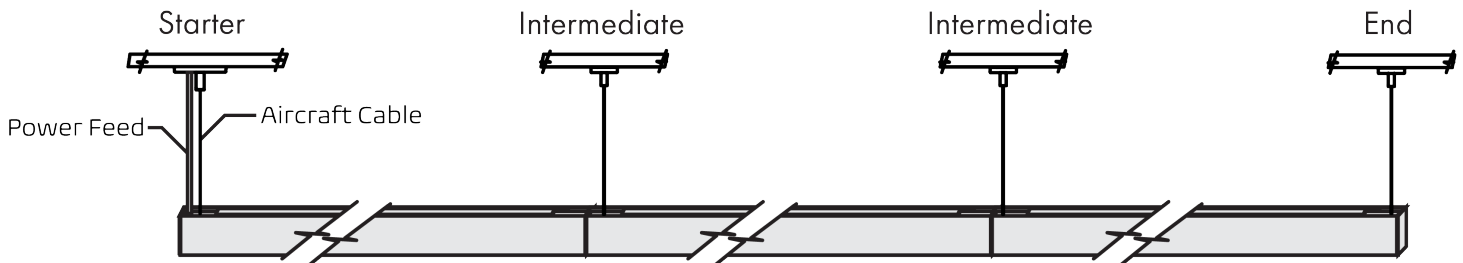
**Linear Connector**  
(-ALC-FC)

**120Vac: Connections up to 40ft**  
**277Vac: Connections up to 100ft**



Mounting point:  
24.72" for 2FT fixture  
49.8" for 4FT fixture  
100.08" for 8FT fixture

## Continuous Run



Mounting point:  
24.96" for 2FT fixture  
50.04" for 4FT fixture  
100.2" for 8FT fixture

Mounting point:  
25.08" for 2FT fixture  
50.28" for 4FT fixture  
100.44" for 8FT fixture

Mounting point:  
24.96" for 2FT fixture  
50.04" for 4FT fixture  
100.2" for 8FT fixture