

# ALB Architectural Linear Series

1.8" Linear Suspended Direct Linear Run Luminaire

**Fixture Type:**

**Project Name:**

**Location:**

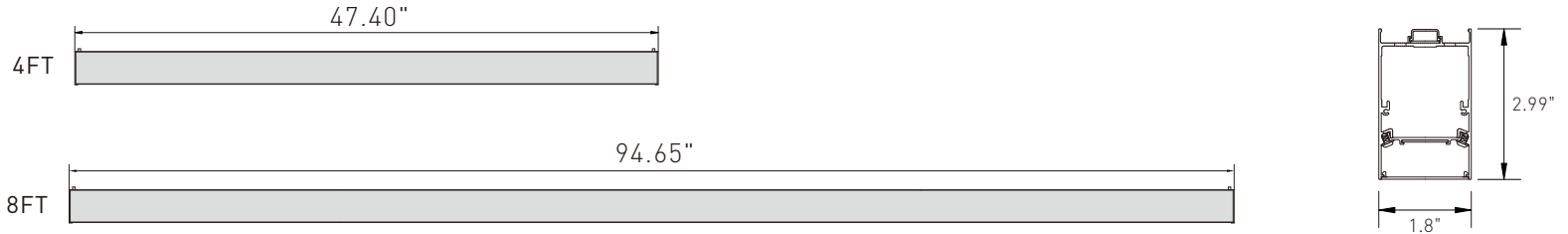
**Date:**

## Features

- 1.8" wide achitectural linear luminaries is available in 4ft and 8ft.
- Simply provide wide, powerful lighting to any atmosphere with continuous runs.
- Extruded aluminum housing with preminum powder coat white or black finish.
- Light distribution: 100% direct downlight only for white finish, 25%up/75%down and 100 downlight switchable for black finish
- Color temperature adjustable 3000K/3500K /4000K.
- Wattage selectable 4ft 20W/30W/40W ,8ft 40W/60W/80W.
- Optical diffuser lens
- Various mounting option included suspended mount and surface mount.
- Optional emergency battery backup is available.



## Dimensions



## Specification

<b>Material</b>	Extruded aluminum housing	<b>Efficacy</b>	117lm/W
<b>Lens</b>	Diffuser	<b>LED Life Span</b>	50,000 hrs
<b>Beam angle</b>	110 degree	<b>Dimmable</b>	0-10V Dimming
<b>Color Temp</b>	3CCT 3000K/3500K/4000K	<b>Lumen Package</b>	4FT 4,000 lm 8FT 8,000lm
<b>CRI</b>	80	<b>Warranty</b>	5 Years
<b>Input Voltage</b>	120-277V	<b>Ambient Operation Temperature</b>	-20°C(-4°F) to 40°C (104°F)
<b>Installation</b>	Suspended mount, Surface mount.	<b>Listing</b>	UL Listed

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## Ordering Guide

Example: ALB-UW3CCT-WH-D-4

Fixture Type	Wattage	CCT	Finish	Light Distribution	Linear Feet
ALB	UW =Wattage Selectable	3CCT =30/35/40K	WH = White BK = Black	D =100% downlight A = adjustable 100% downlight / 25% up & 75% down	Nominal linear feet = in increments of 4' fixture lengths come in 4'/8'

Notes: 1. White finish come with 100% downlight only,  
Black finish come with adjustable 100% or 25% up and 75% downlight.

## Optional Accessories

Emergency Battery Backup



EM

(SKU:EMBK8WH-A-EXT02)

=8W Emergency battery backup

Diffuser Lens Roll



LR42

(SKU:ALA-LR42)

=42' LENS ROLL

## Mounting Ceiling Type - Dry wall ceiling or Drop ceiling

Dry wall Ceiling Mount Individual Run

Example: AL-PDW-S-BK-kit

AL-PDW	Canopy Shape	Finish
Dry Wall Mounting Kit	R=Round S=Square	WH=Black BK=Black

Notes:

Dry wall ceiling mounts kit will consist of:

1 pc - 4" round or square canopy for power feed side,

1 pc - 4" round or square canopy for non power feed side,

1 pc - 2" round or square canopy for non power feed side,

1 pc - J-box cross bar, 1 pc - 5FT Power feed, 1 set - 5ft aircraft Cable.

Dry wall Ceiling Mount Continued Run

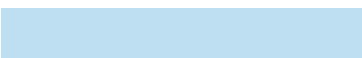
Example: AL-PDW-S-BK, AL-NDWCNP-S-BK-2, ALB-FC

AL-PDW	Canopy Shape	Finish
Dry Wall Mounting Kit	R=Round S=Square	WH=White BK=Black

AL-NDWCNP	Canopy Shape	Finish	Canopy Size
Canopy for continued run non-power feed	R=Round S=Square	WH=White BK=Black	2=2inch 4=4inch

Linear Run connector



ALB-FC = Inline connector



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## Drop Ceiling Mount Individual Run **Example: AL-PTB-R-9-F-WH-KIT**

	Canopy Shape	Grid Size	Grid Type	Finish
<b>AL-PTB</b>				
Drop ceiling mounting kit	R=Round S=Square	9=9/16 15=15/16	F=Flat S=Slot	WH=Blank BK=Black

- Notes:  
 Drop ceiling mounts kit will consist of:  
 1 pc - 4" round or square canopy for power feed side,  
 1 pc - 4" octagon junction box  
 1 pc - 4" round or square canopy for non power feed side,  
 1 pc - 2" round or square canopy for non power feed side,  
 1 set - T-grid clips for both power feed and non power feed,  
 1 pc - 5FT Power feed,  
 1 set - 5ft aircraft Cable.

## Drop Ceiling Mount Continued Run **Example: AL-PTB-R-9-F-WH,AL-NTBCNP-R-9-F-WH-2,ALB-FC**

Power feed	Canopy Shape	Grid Size	Grid Type	Finish
<b>AL-PTB</b>				
Drop ceiling mount	R=Round S=Square	9=9/16 15=15/16	F=Flat S=Slot	WH=Blank BK=Black

Non-Power feed	Canopy Shape	Grid Size	Grid Type	Finish	Canopy Size
<b>AL-NTBCNP</b>					
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

### Linear Run connector



**ALB-FC = Inline connector**

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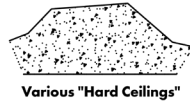
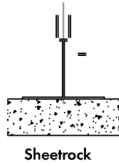
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**Location:**

**Date:**

## Mounting

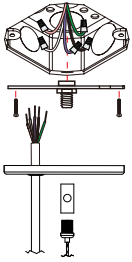
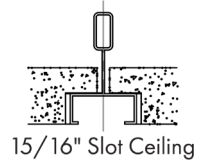
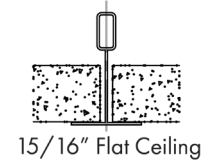
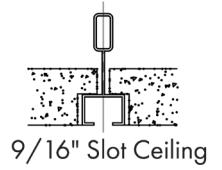
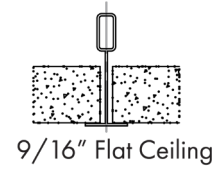
### Dry Wall Mount



### Drop Ceiling / Off Grid

Compatible for various T grid

- 9/16" Flat
- 15/16" Flat
- 9/16" Slot
- 15/16" Slot



### Pendant Accessories For Drop Ceiling

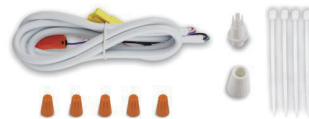
#### Canopy Kits



#### Junction Box



#### Power Cord Kits



#### Aircraft Cable Kits



#### T-grid Clips



### Pendant Accessories For Dry Ceiling

#### Canopy Kits



#### Power Cord Kits



#### Aircraft Cable Kits





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### Performance Data:

Lens	Diffuser	
Lengths	4 FT	8 FT
Wattage	20W/30W/40W- Wattage Switchable	40W/60W/80W- Wattage Switchable
Efficacy	100 lm /W	100 lm /W
Beam Angle	100 degree angle	100 degree angle

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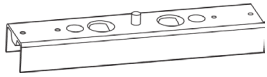
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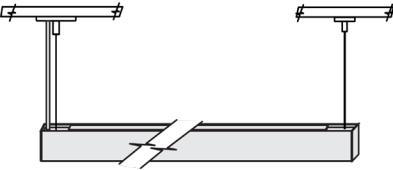
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## Line Connection:



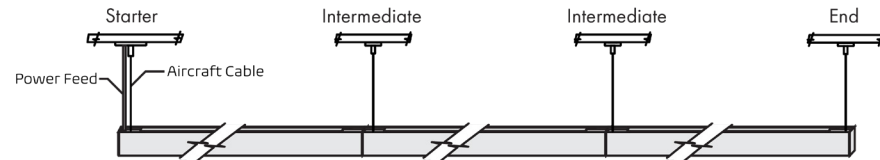
**Linear Connector**  
(-ALB-FC)

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

Luminaire Run Length (ft)	Run Configuration	Line Joinder	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6
42	8'+8'+8'+8'+8'+2'	5	2	7	7



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### Optional Accessories

Emergency Battery Backup:



#### 8W Emergency Battery Backup

**SKU: EMBK8WH-A-EXT02**

- Field install only .
- 8W emergency battery provided up to 680 lumen during the emergency mode.