

ALC Architectural Linear Series

2.3" Linear Suspended Linear Run Luminaire

Fixture Type:

Project Name:

Location:

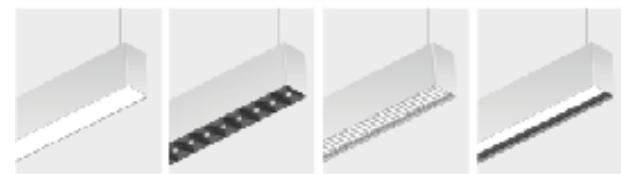
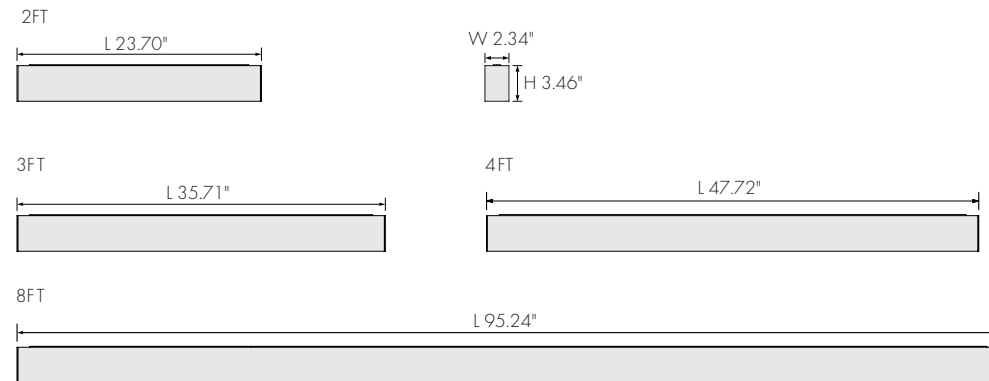
Date:

Features

- 2.3" wide achitectural linear luminaries is available in 2ft,3ft,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.
- 7 embedded adjustable light distribution by dip switch 100%up,100%down,50%up 50%down,10%up 90% down,30%up 70%down,70%up 30%down,90%up 90%down.
- Color temperature adjustable 3000K/3500K /4000K.
- Wattage selectable 100%/75%/50%
- Standard optical diffuser lens, optional reflector lens, louver lens and deep regressed lens
- Various mounting option included suspended mount,surface mount and wall mount.
- Optional emergency battery backup is available.



Dimensions



Diffuser

Reflector

Louver

Deep Recessed

Specification

Material	Extruded aluminum housing	Efficacy	117lm/W
Lens	Diffuser/Louver/Reflector/Deep regressed	LED Life Span	50,000 hrs
Beam angle	110 degree	Dimmable	0-10V Dimming
Color Temp	3CCT 3000K/3500K/4000K	Lumen Package	2,300 lm to 9,200lm
CRI	90	Warranty	5 Years
Input Voltage	120-277V	Ambient Operation Temperature	-20°C(-4°F) to 40°C (104°F)
Installation	Suspended mount	Listing	UL Listed Damp Location



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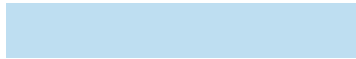
Ordering Guide

Example: ALC-UW3CCT-WH-4

Fixture Type	Lens	Wattage	CCT	Finish	Linear Feet
ALC	D =Diffuser(Default) C = Deep Regressed L =Louver R =Reflector	UW =Wattage Selectable	3CCT =30/35/40K	WH = White BK = Black	Nominal linear feet = in increments of 4' fixture lengths come in 2'/3'/4'/8'

Optional Accessories

Emergency Battery Backup

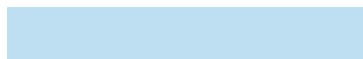


EM

(SKU:EMBK8WH-A-EXT02)

=8W Emergency battery backup

Diffuser Lens Roll



LR42

(SKU:ALC-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.

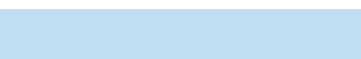
Dry wall Ceiling Mount Continued Run

Example: AL-PDW-S-BK, AL-NDWCNP-S-BK-2, ALC-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



ALC-FC = Inline connector

Fixture Type:

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

	Canopy Shape	Grid Size	Grid Type	Finish
AL-PTB				
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:

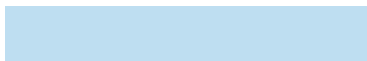
- 1 pc - 4" round or square canopy for power feed side,
- 1 pc - 4" octagon junction box
- 1 pc - 4" round or square canopy for non power feed side,
- 1 pc - 2" round or square canopy for non power feed side,
- 1 set - T-grid clips for both power feed and non power feed,
- 1 pc - 5FT Power feed,
- 1 set - 5ft aircraft Cable.

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

Power feed	Canopy Shape	Grid Size	Grid Type	Finish
AL-PTB				
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
AL-NTBCNP					
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



ALC-FC = Inline connector

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Fixture Type:

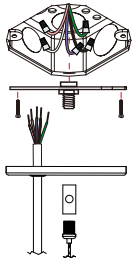
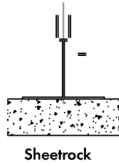
Project Name:

Location:

Date:

Mounting

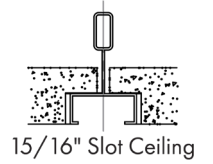
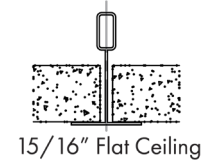
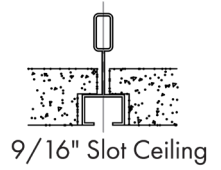
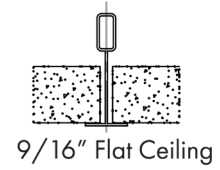
Dry Wall Mount



Drop Ceiling / Off Grid

Compatible for various T grid

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



Pendant Accessories For Dry Ceiling

Canopy Kits



Power Cord Kits



Aircraft Cable Kits



Pendant Accessories For Drop Ceiling

Canopy Kits



Power Cord Kits



T-grid Clips



Junction Box



Aircraft Cable Kits





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Fixture Type:

Project Name:

Location:

Date:

Performance Data:

Lens	High	Medium	Low
Diffuser	1,150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Louver	900lm/ft, 10w/ft	675lm/ft, 7.5w/ft	450lm/ft, 5w/ft
Reflector	1,150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Deep Regressed	950lm/ft, 10w/ft	710lm/ft, 7.5w/ft	475lm/ft, 5w/ft



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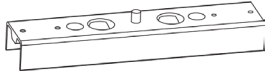
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Location:

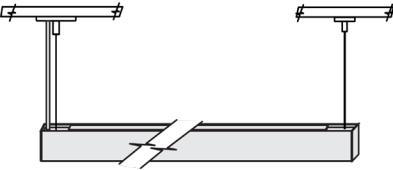
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Line Connection:



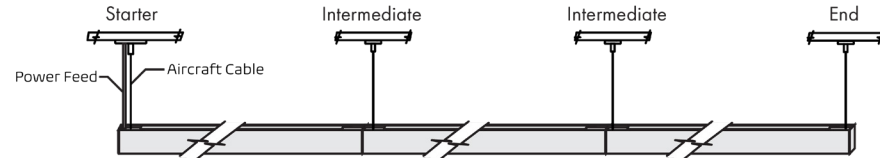
Linear Connector
(-ALC-FC)

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

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.