LIRON LIGHTING

ALC Architectural Linear Series

LED Linear Suspended Linear Run Luminaire

Fixture Type:

Project Name:

Location:

Date:

Features

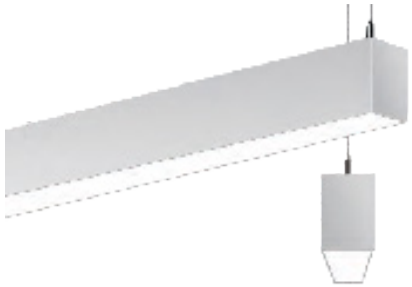
- 2.3 wide architectural linear luminaire available in 4ft/8ft
- Wattage switchable (50%/75%/100%)
- 3CCT Color Temperature adjustable (3000K/35000K/4000K)
- 7 embedded adjustable light distribution by dip switch

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 inlcude suspended mount, wall mount and surfacce mount - see other spec sheet

-120V continous run up to 40FT and 277V up to 100FT



Product Performance Standard

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

5 YEAR WARRANTY | UL® LISTED | CCT Adjustable | Wattage Selectable

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

10835 S Wilcrest Dr, Ste C Houston TX 77099 | Customer Service : 833-875-4766 | Email : Sales@lironlighting.com

Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.lironlighting.com for most current technical information.

LiRON LiGHTING

ALC Architectural Linear Series

LED Linear Suspended Linear Run Luminaire

Fixture Type:

Project Name:

Location:

Date:

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=Blamk	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=Blamk	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.

Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.lironlighting.com for most current technical information.

LiRON LiGHTING

ALC Architectural Linear Series

LED Linear Suspended Linear Run Luminaire

Fixture Type:

Project Name:

Location:

Date:

Ceiling Type

STEP 3

Linear Run connector

***ALC-TC= 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
(A -EMBK25WHV170-EXT)

Diffuser Lens Roll

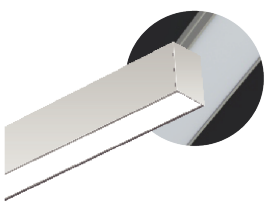
LR42 = 42' diffuser lens roll

End of the ordering step

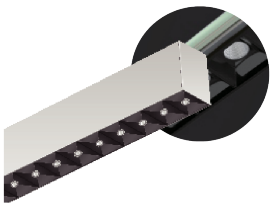
Performance Data:

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

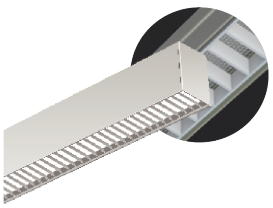
Lens:



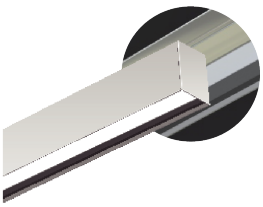
Diffuser
(-D)



Micro Reflector
(-R)



Louver
(-L)



Convex Lens
(-C)

Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.lironlighting.com for most current technical information.

LiRON LiGHTING

ALC Architectural Linear Series

LED Linear Suspended Linear Run Luminaire

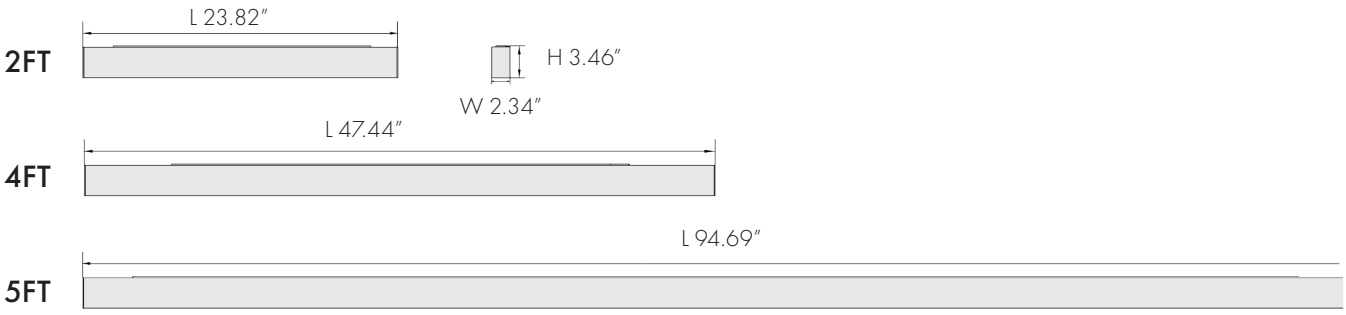
Fixture Type:

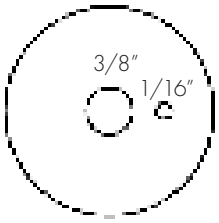
Project Name:

Location:

Date:

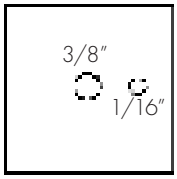
Dimensions:



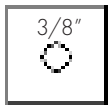


4″ Power Feed
Round Canopy

2″ Non-Feed
Round Canopy



4″ Power Feed
Square Canopy



2″ Non-Feed
Square Canopy

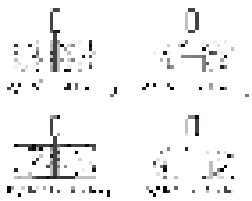
Ceiling Type

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



Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.lironlighting.com for most current technical information.

LiRON LiGHTING

Fixture Type:

Project Name:

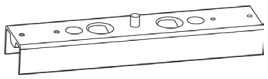
Location:

Date:

ALC Architectural Linear Series

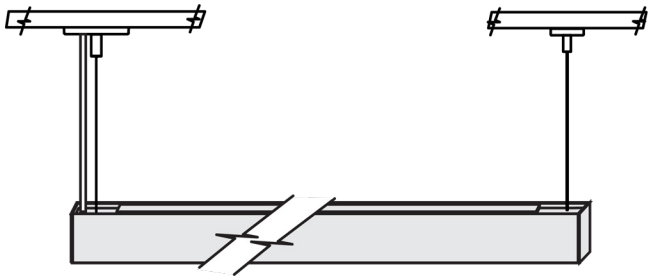
LED Linear Suspended Linear Run Luminaire

Line Connection:



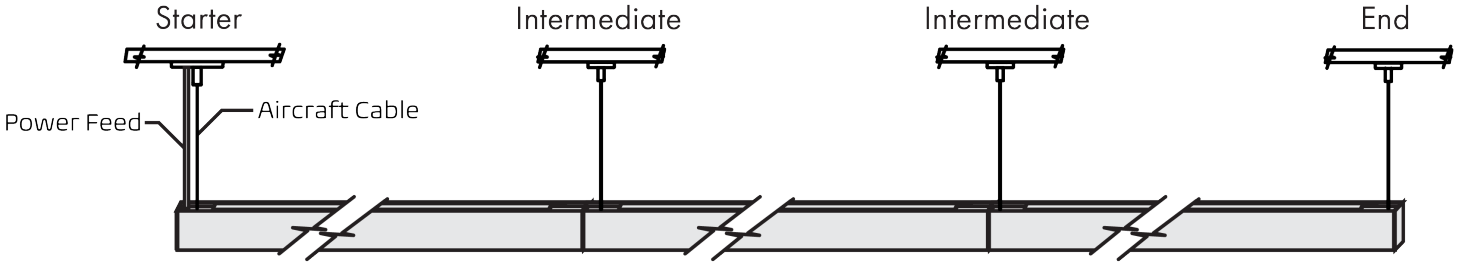
Linear Connector
(-ALC-TC)

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

Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.lironlighting.com for most current technical information.