LIRON LIGHTING

ALC Architectural Linear Series

LED Linear Suspended Pattern Run Luminaire

Fixture Type:

Project Name:

Location:

Date:

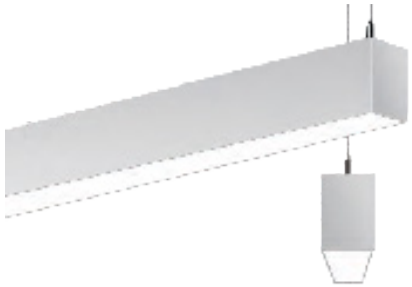
Features

- 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 inlcude suspended mount, wall mount and surfacce mount
- 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

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Fixture Type:

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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=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.

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Fixture Type:

Project Name:

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Date:

Pattern Connector

STEP 3

	A′	B′	C′	D′
ALC-CC = Cross Connector	☐	☐	☐	☐
ALC-YC = Y Connector	☐	☐	☐	X
ALC-VC = V Connector	☐	☐	X	X
ALC-TC = T Connector	☐	☐	☐	X
ALC-LC = L Connector	☐	☐	X	X

C = Custom Pattern

Optional

STEP 4

Emergency Battery Backup

EM= Emergency battery backup
(A -EMBK25WHV170-EXT)

Diffuser Lens Roll

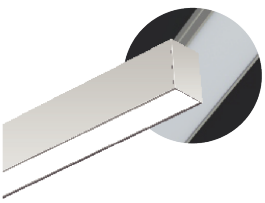
LR42 = 42′ diffuser lens roll

End of the ordering step

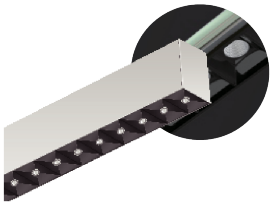
Performance Data:

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

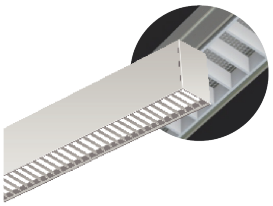
Lens:



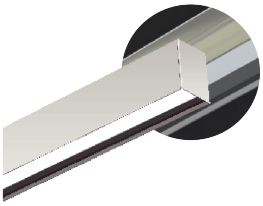
Diffuser
(-D)



Micro Reflector
(-R)



Louver
(-L)



Convex Lens
(-C)

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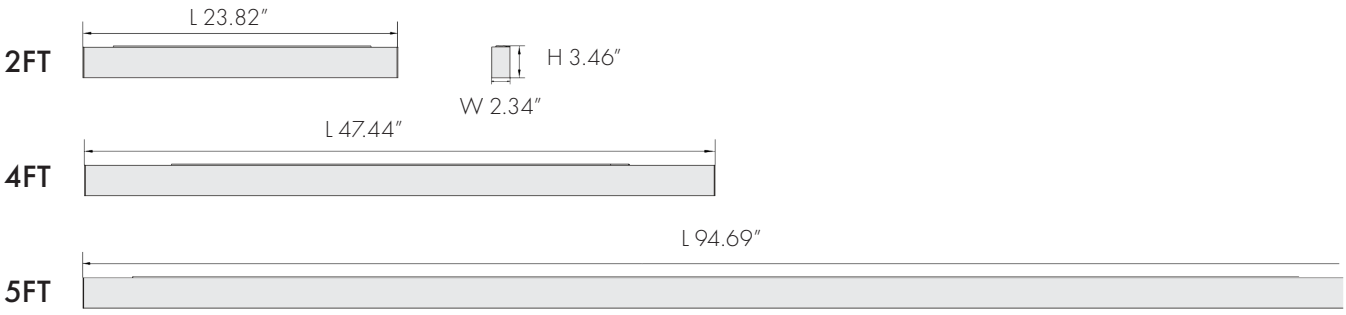
Fixture Type:

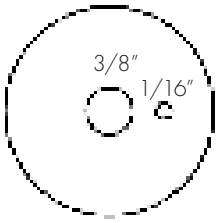
Project Name:

Location:

Date:

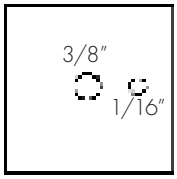
Dimensions:



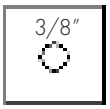


4″ Power Feed
Round Canopy

2″ Non-Feed
Round Canopy



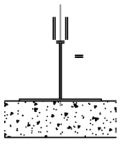
4″ Power Feed
Square Canopy



2″ Non-Feed
Square Canopy

Ceiling Type

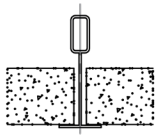
Dry Wall Mount



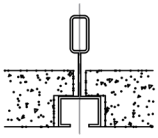
Drop Ceiling / Off Grid

Compatible for various T grid

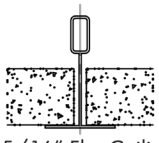
- 9/16″ Flat
- 15/16″ Flat
- 9/16″ Slat
- 15/16″ Slat



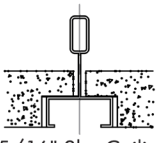
9/16″ Flat Ceiling



9/16" Slot Ceiling



15/16″ Flat Ceiling



15/16" Slot Ceiling

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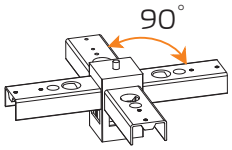
ALC Architectural Linear Series

LED Linear Suspended Pattern Run Luminaire

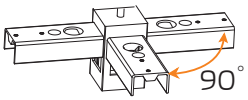
Fixture Type:
Project Name:
Location:
Date:

Pattern Connector:



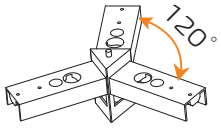
Cross Connector

Provide A/B/C/D dimension
Example: A=4′, B=4′, C=4′, D=4′
Part number:
ALC-CC4444



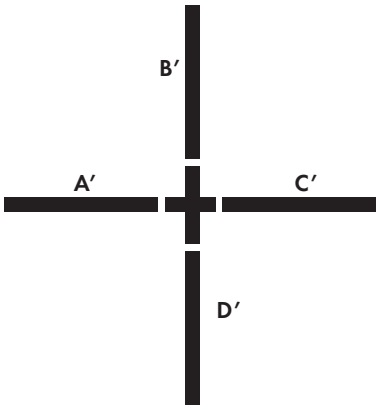
T Shape Connector

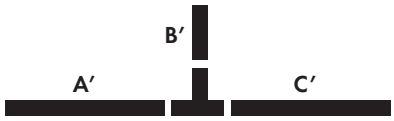
Provide A/B/C dimension
Example: A=4′, B=2′, C=4′
Part number:
ALC-TC424

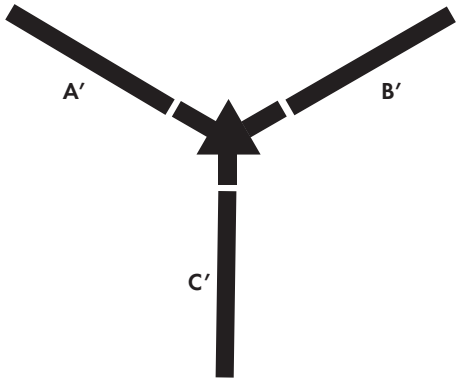


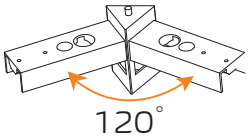
Y Shape Connector

Provide A/B/C dimension
Example: A=4′, B=4′, C=4′
Part number:
ALC-YC444



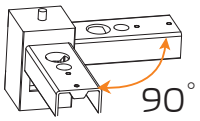






V Shape Connector

Provide A/B dimension
Example: A=4′, B=4′
Part number:
ALC-VC44

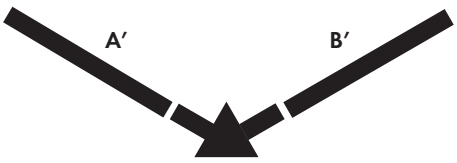


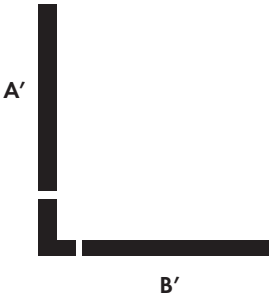
L Shape Connector

Provide A/B dimension
Example: A=4′, B=4′
Part number:
ALC-lC44

Standard pattern shape
Mounting Points:

25.56″ for 2′ fixture
50.64″ for 4′ fixture
100.92″ for 8′ fixture





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LIRON LIGHTING

ALA1 Architectural Linear Series

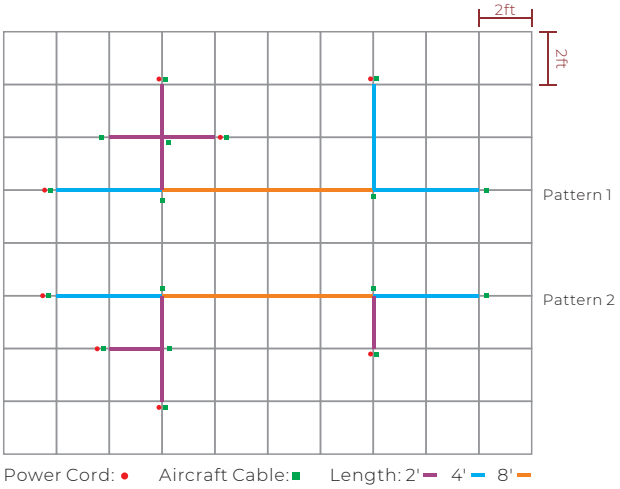
LED Linear Suspended Pattern Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

Custom Pattern:

Example Custom Pattern Chart

Pattern No.	Run Configuration	Connector		5' Power Cable	5' Aircraft Cable	4.5'' Canopy (Designed for power cable)	1.6'' Canopy
		T	+				
1	8'+4'+4'+4'+2'+2'+2'+2'	2	1	4	9	4	5
2	8'+4'+4'+2'+2'+2'+2'	3	0	4	8	4	4



2FT

2FT

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