LIRON LIGHTING

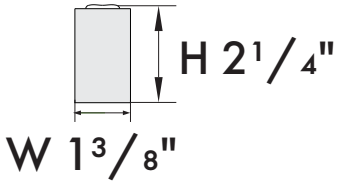
ALA1 Architectural Linear Series

LED Suspended Direct Linear Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

Features:

-1 3/8" Wide advance architectural linear luminaire available in 2FT, 4FT and 8FT
- Direct lighting distribution
- 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



Product Performance Standard

Size	2FT/4FT/8FT	**Power Factor**	>0.9
Weight	3.75lb/6.1lb/12.5lb	**Life Span**	50,000 Hrs
Mounting	Pendant	**Dimmable**	1-10V Dimming
Color Temp	3000K/3500K/4000K	**Efficacy**	105lm/W
CRI	80	**Warranty**	5 Years
Input Voltage	120-277V	**Ambient Operation Temperature**	0C° (32°F) ~40C °(104°F)

Ordering Guide - (Linear Pandent direct linear run luminaire)

STEP 1

Fixture	Lens	CCT	Finish	Linear Feet
ALA1 Down light Version	D = diffuser C = Conves L = Louver R = Reflector	30K = 3000K 35K = 3500K 40K = 4000K	WH = White BK = Black	Nominal linear feet = In increments of 2'. fixture lengths com in 2'/4'/8' 120V continuous run up to 40 FT 277V continuous run up to 100 FT

⇩ Continue the ordering steps on the next page.

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LED Pendant Direct Linear Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

Ceiling Type

STEP 2 - Please specify the ceiling type

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

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

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

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-CABLE5FT = 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 Power feed side	R=Round S=Square	9 = 9/16 15 = 15/16	F = Flat S = Slot	WH=Blank BK=Black	4 = 4 inch

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

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:
Location:
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Linear Run Connector

STEP - 3

Linear Run Connector

*ALA-TC
= Inline connector

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

Optional

STEP - 4

Emergency Battery Backup

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

Diffuser Lens Roll

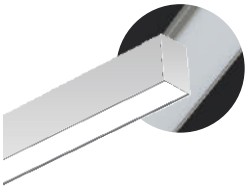
LR42 = 42'diffuser lens roll

End of the ordering step

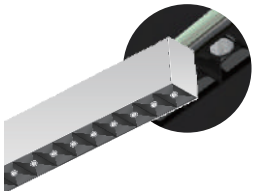
Performance Data:

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
Efficacy	75 lm/W	67 lm/W	100 lm/W	90 lm/W
Beam Angle	Down 100°	Down 60°	Down 48°	Down 110°

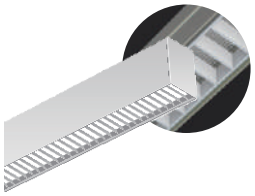
Lens:



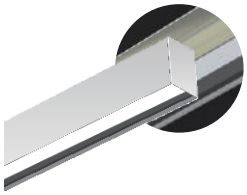
Diffuser
(-D)



Micro Reflector
(-R)



Louver
(-L)



Convex Lens
(-C)

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Fixture Type:
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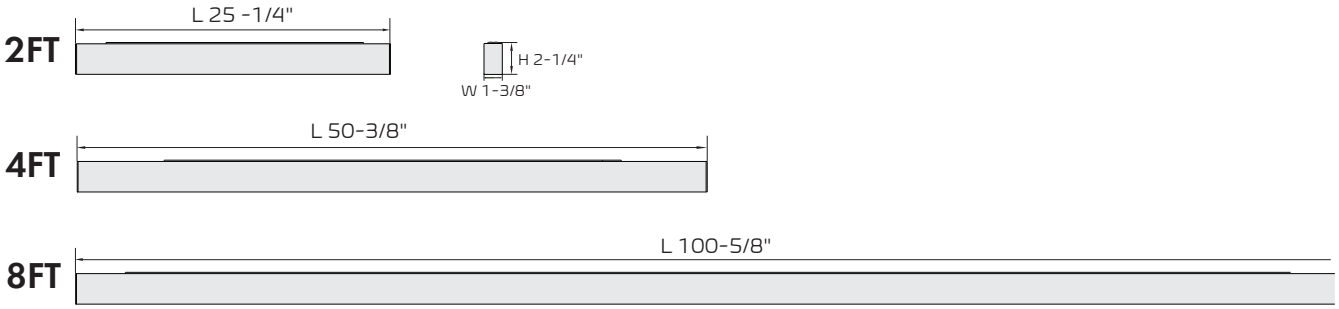
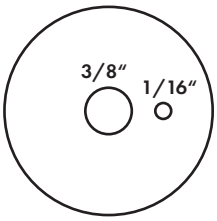
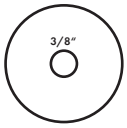
Dimensions:

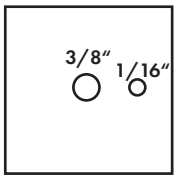




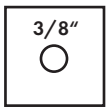
4" Power Feed Round Canopy



2" Non-Feed Round Canopy



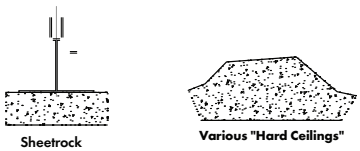
4" Power Feed Square Canopy



2" Non-Feed Square Canopy

Ceiling Type:

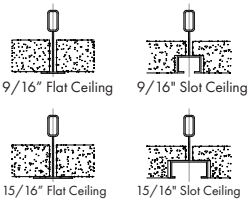
Drop Ceiling / Off Grid



Drop Ceiling/Off Grid

Compatible for various T grid

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



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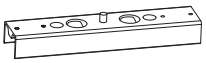
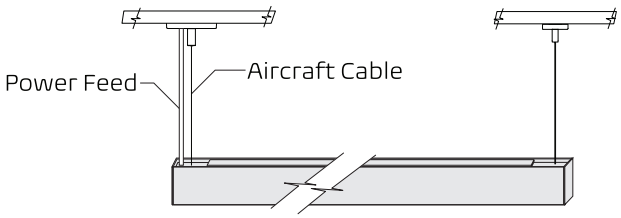
Line Connection:



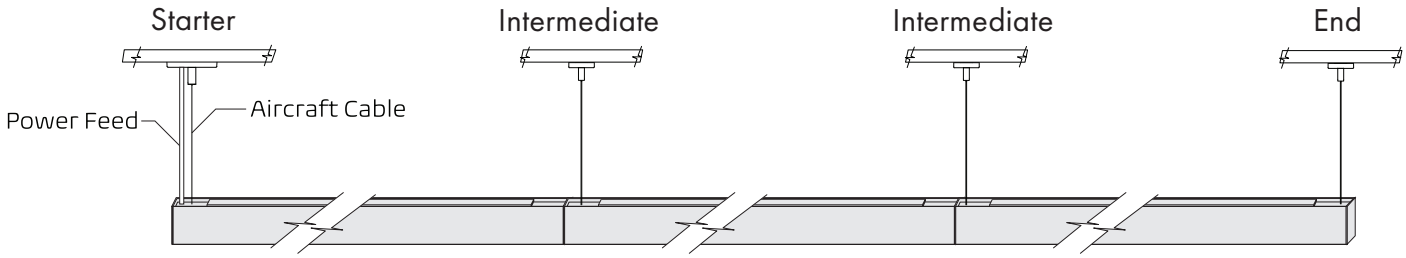
Linear Connector
(-ALA-TC)

120Vac: Connections up to 40 ft
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

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