LIRON LIGHTING

ALA1 Linear Series

LED Surface Mount Direct Pattern Run Luminaire

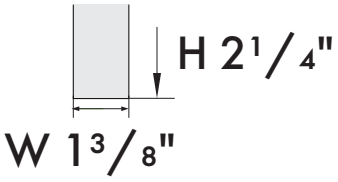
Fixture Type:
Project Name:
Location:
Date:

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 pendant mount, wall mount and surface mount - see other spec sheet
-Seamless pattern runs with standard L / T /Cross /Y/ V shape or custom pattern
- 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	Surface Mount	**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 Surface Mount 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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Fixture Type:
Project Name:
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Surface Mount Kit

STEP -2

Mounting

AL-S2
= Surface Mount Kit for 2 FT fixture
AL-S4
= Surface Mount Kit for 4 FT fixture
AL-S8
= Surface Mount Kit for 8 FT fixture

Pattern Connector - Nominal Linear FT Accessories

STEP - 3

Pattern Connector - Nominal Linear FT

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

C = Custom Pattern

Note: See Page 5 for ordering example.

Optional

Emergency Battery Backup

EM = 8W Emergency battery backup
(A-EMBK8WLV-EXT)

Note: *Standard 1 EM PER RUN.
Not available in 2′ fixtures

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Fixture Type:
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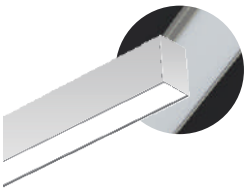
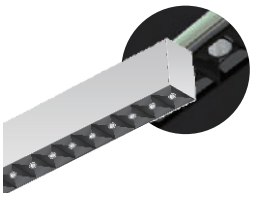
Performance Data:

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°

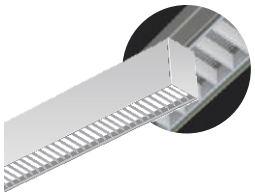
Lens:



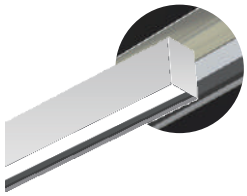
Diffuser
(-D)



Micro Reflector
(-R)

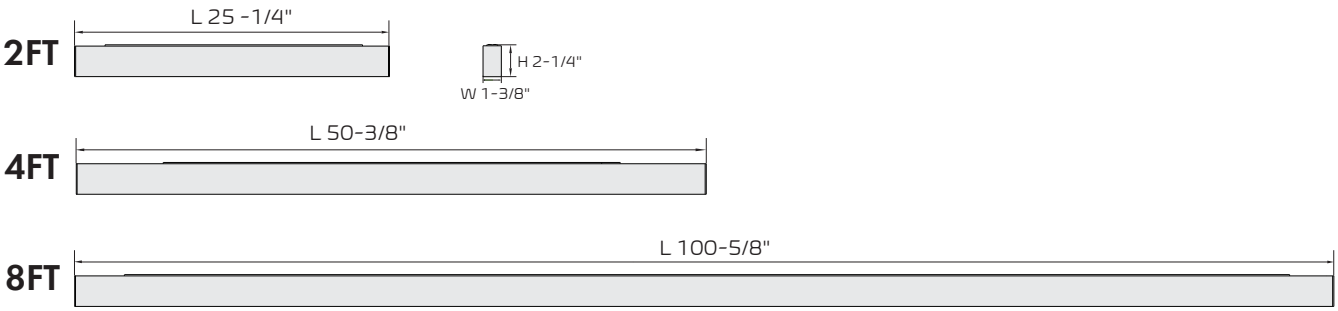


Louver
(-L)



Convex Lens
(-C)

Dimensions:



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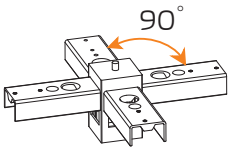
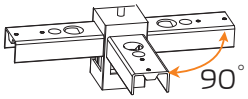
Pattern Connector:



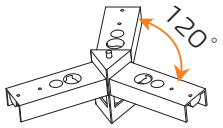
Cross Connector

Provide A/B/C/D dimension
Example: A=4′, B=4′, C=4′, D=4′
Part number:
ALA1-D-35K-AL-DWR44-WH-ALA-CC4444



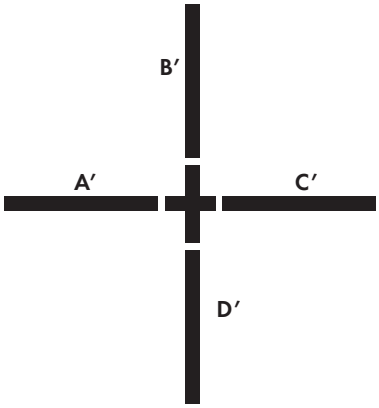
T Shape Connector

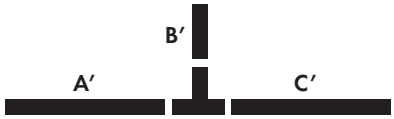
Provide A/B/C dimension
Example: A=4′, B=2′, C=4′
Part number:
ALA1-D-35K-AL-DWR44-WH-ALA-TC424

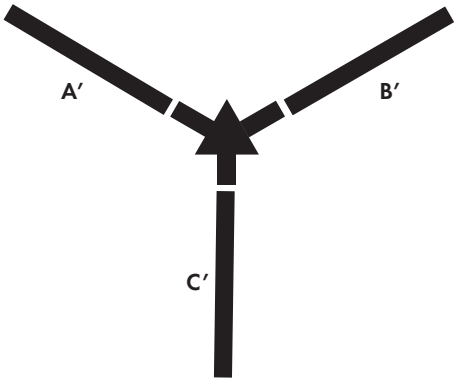


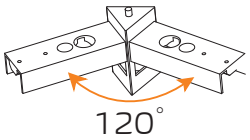
Y Shape Connector

Provide A/B/C dimension
Example: A=4′, B=4′, C=4′
Part number:
ALA1-D-35K-AL-DWR44-WH-ALA-YC444



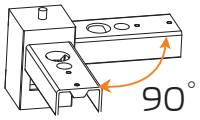






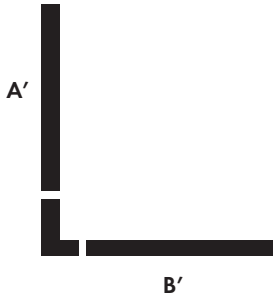
V Shape Connector

Provide A/B dimension
Example: A=4′, B=4′
Part number:
ALA1-D-35K-AL-DWR44-WH-ALA-VC44



L Shape Connector

Provide A/B dimension
Example: A=4′, B=4′
Part number:
ALA1-D-35K-AL-DWR44-WH-ALA-lC44



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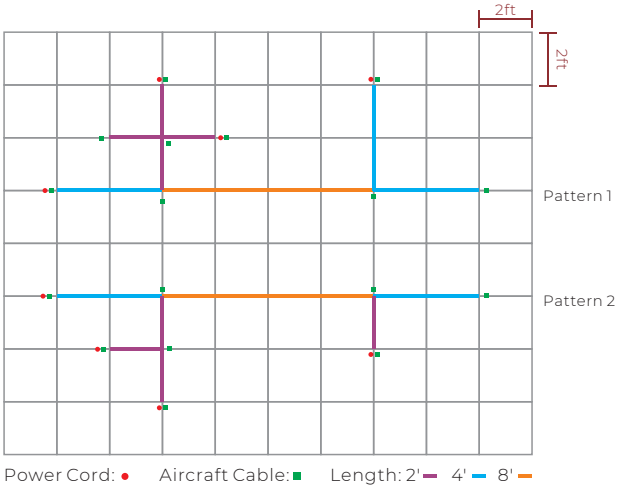
Custom Pattern:



2FT

2FT

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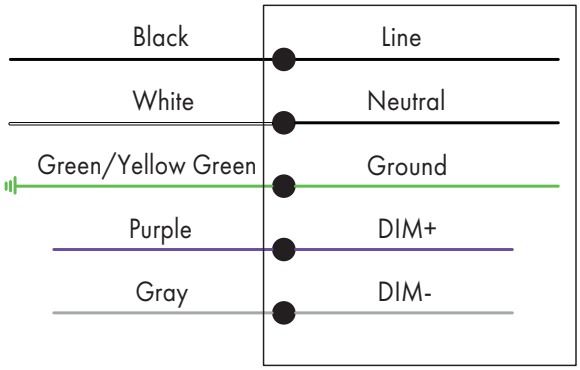
Fixture Type:
Project Name:
Location:
Date:

Wiring Diagram

CORD/ SUPPLY WIRING LUMINAIRE



Scan the QR code or visit https://lironlighting.com/products/ledala for the complete luminaire installation guide.

Note:

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