



ALA1 Architectural Linear Series

LED Suspended Direct Pattern Run Luminaire

Fixture Type:

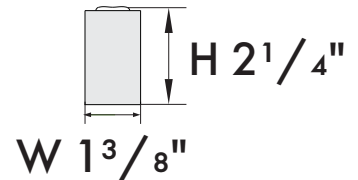
Project Name:

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 suspended 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	Suspended 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 - (ALA1-D35KWH4FT)

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.

Last Revised: 1/31/2022

Page 1



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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.



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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:

Date:

Pattern Connector - Nominal Linear FT Accessories

STEP - 3

Pattern Connector - Nominal Linear FT

ALA-CC =
Cross Connector

A'	B'	C'	D'
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ALA-YC =
Y Connector

A'	B'	C'	D'
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ALA-VC =
V Connector

A'	B'	C'	D'
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ALA-TC =
T Connector

A'	B'	C'	D'
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ALA-LC =
L Connector

A'	B'	C'	D'
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

C = Custom Pattern

Optional

STEP - 4

Emergency Battery Backup

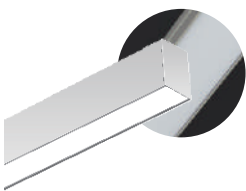
EM = Emergency battery backup
(EMBK8WH-A-EXT02)

End of the ordering step

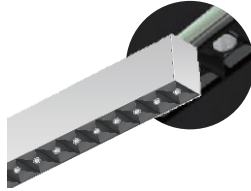
Performance Data:

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°

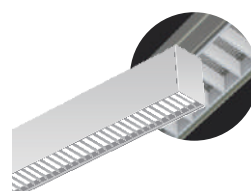
Lens:



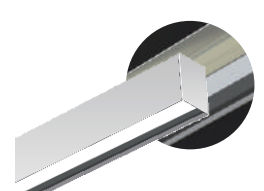
Diffuser
(-D)



Micro Reflector
(-R)



Louver
(-L)



Convex Lens
(-C)

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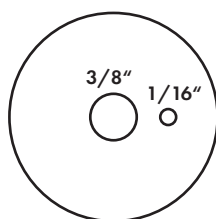
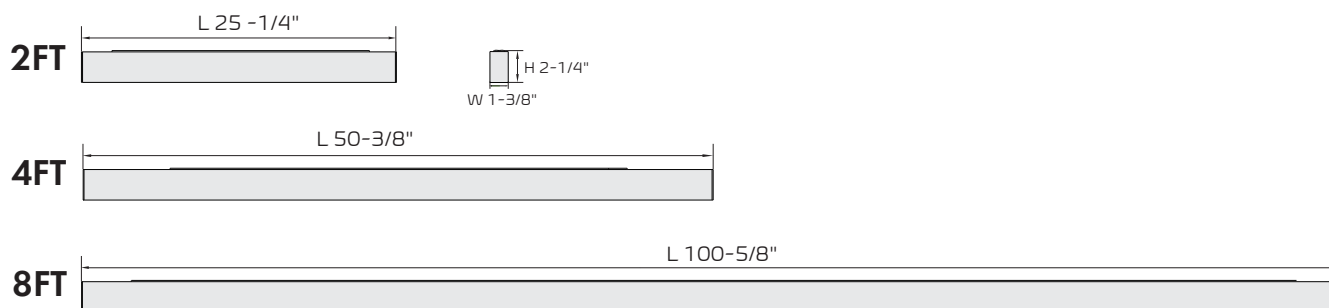
Fixture Type:

Project Name:

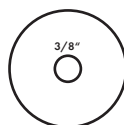
Location:

Date:

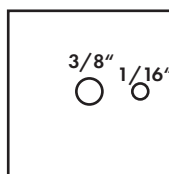
Dimensions:



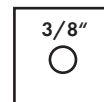
4" Power Feed Round Canopy



2" Non-Feed Round Canopy



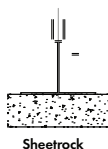
4" Power Feed Square Canopy



2" Non-Feed Square Canopy

Ceiling Type:

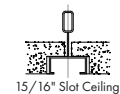
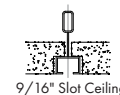
Dry Wall Mount



Drop Ceiling/Off Grid

Compatible for various T grid

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



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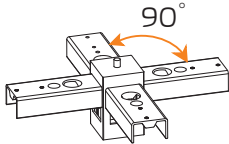
Fixture Type:

Project Name:

Location:

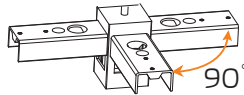
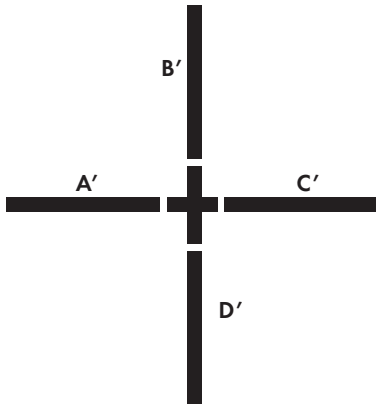
Date:

Pattern Connector:



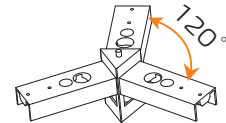
Cross Connector

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



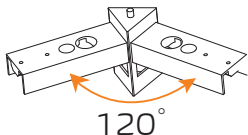
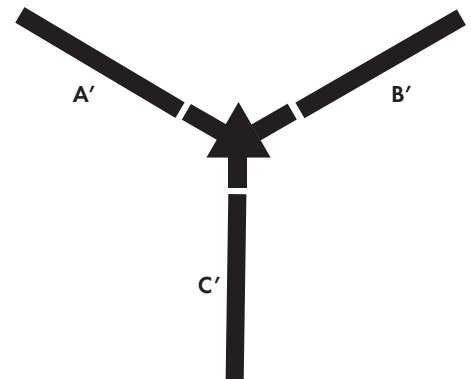
T Shape Connector

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



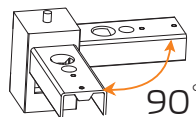
Y Shape Connector

Provide A/B/C dimension
Example: A=4', B=4', C=4'
Part number:
ALA-YC444



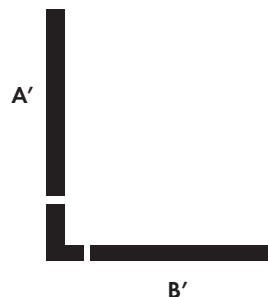
V Shape Connector

Provide A/B dimension
Example: A=4', B=4'
Part number:
ALA-VC44



L Shape Connector

Provide A/B dimension
Example: A=4', B=4'
Part number:
ALA-IC44



Standard pattern shape
Mounting Points:

25.56" for 2' fixture
50.64" for 4' fixture
100.92" for 8' fixture

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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

