LIRON LIGHTING

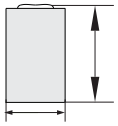
ALB Architectural Linear Basic Series

LED Suspended Direct Linear Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

Features:

- 1 7/8 Wide basic architectural linear luminaire available in 4FT and 8FT
- Wattage switchable and 3 CCT adjustable
- Extruded aluminum housing with powder coat white and black finish
- 100% Direct lighting distribution with diffuser lens
- 120V continuous run up to 40 FT and 277V up to 100FT
- Dry ceiling and drop ceiling compatible



H 2 1/4"

W 1 7/8"

Product Performance Standard

Size	4FT/8FT	**Power Factor**	>0.9
Weight	3.75lb/6.1lb/12.5lb	**Life Span**	50,000 Hrs
Mounting	Suspended	**Dimmable**	1-10V Dimming
Color Temp	3CCT	**Efficacy**	105lm/W
CRI	80	**Warranty**	5 Years
Input Voltage	120-277V	**Ambient Operation Temperature**	0C° (32°F) ~40C °(104°F)

Ordering Guide - ALB 4FT 20W/30W/40W 3CCT -WH

STEP 1

Fixture	Wattage	CCT	Finish	Linear Feet
ALB	20W/30W/40W = 4′ Wattage switchable 20W/30W/40W 40W/60W/80W = 8′ Wattage switchable 40W/60W/80W	3CCT = 3CCT Ajustable 3000K/3500K/4000K	WH = White BK = Black	Nominal linear feet = In increments of 4′. fixture lengths come in 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: 2-11-2022

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Fixture Type:
Project Name:
Location:
Date:

Ceiling Type

STEP 2 - Please specify the ceiling type

****Ceiling type**

Dry Wall Ceiling Canopy

*AL-DWR4
= 4″ Round drywall Canopy

*AL-DWR2
= 2″ Round drywall Canopy

*AL-DWS4
= 4″ Square drywall Canopy

*AL-DWS2
= 2″ Square drywall Canopy

Drop Ceiling/on Grid

AL-TBR9F4
= T-Grid 9/16 Flat 4″ Round canopy

AL-TBR9F2
= T-Grid 9/16 Flat 2″ Round canopy

AL-TRS9S4
= T-Grid 9/16 Slot 4″ Round canopy

AL-TRS9S2
= T-Grid 9/16 Slot 2″ Round canopy

AL-TRB9F4
= T-Grid 15/16 Flat 4″Round canopy

AL-TBR15F2
= T-Grid 15/16 Flat 2″ Round canopy

AL-TBS15S4
= T-Grid 15/16 Slot 4″ Round canopy

AL-TBS15S2
= T-Grid 15/16 Slot 2″ Round canopy

Note: ** See page 4 for detailed ceiling type.
* 4″ is power feed canopy, 2″ is non power feed canopy.
Please specify if need to be custom.

Linear Run Connector

STEP - 3

Linear Run Connector

*AL-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

Optionals

STEP - 4

Emergency Battery Backup

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

Diffuser Lens Roll

LR42 = 42'diffuser lens roll

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ALB Architectural Linear Basic Series

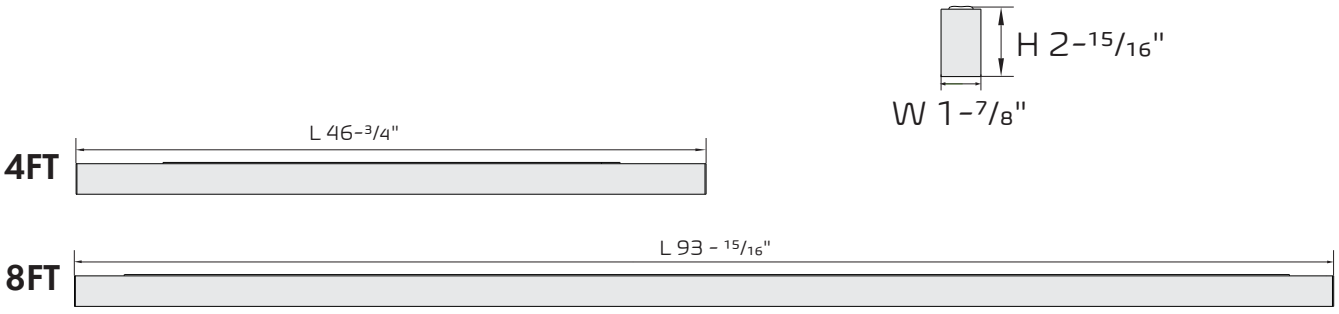
LED Suspended Direct Linear Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

Performance Data:

Lens	Diffuser	
Lengths	4 FT	8 FT
Wattage	20W/30W/40W- Wattage Switchable	40W/60W/80W- Wattage Switchable
Efficacy	100 lm /W	100 lm /W
Beam Angle	100 degree angle	100 degree angle

Dimensions:



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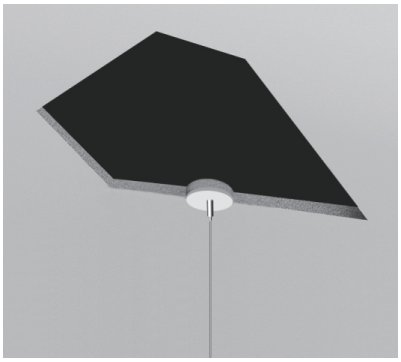
ALB Architectural Linear Basic Series

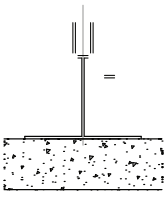
LED Suspended Direct Linear Run Luminaire

Fixture Type:
Project Name:
Location:
Date:

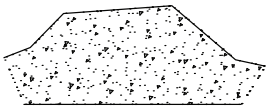
Ceiling Type:



Drop Ceiling / Off Grid



Sheetrock

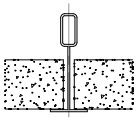


Various "Hard Ceilings"

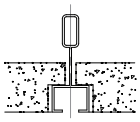
Drop Ceiling/Off Grid

Compatible for various T grid

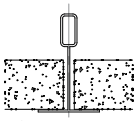
- 9/16" Flat
- 15/16"Flat
- 9/16" Slot
- 15/16"Slot



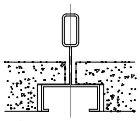
9/16" Flat Ceiling



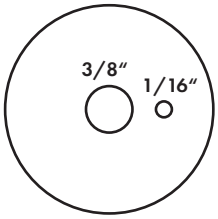
9/16" Step Ceiling



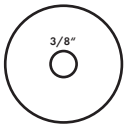
15/16" Flat Ceiling



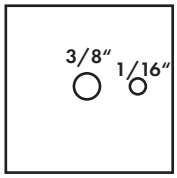
15/16" Step Ceiling



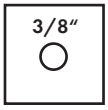
4" Power Feed Round Canopy (-AL-DWR4)



2" Non-Feed Round Canopy (-AL-DWR2)



4" Power Feed Square Canopy (-AL-DWS4)



2" Non-Feed Square Canopy (-AL-DWS2)

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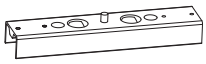
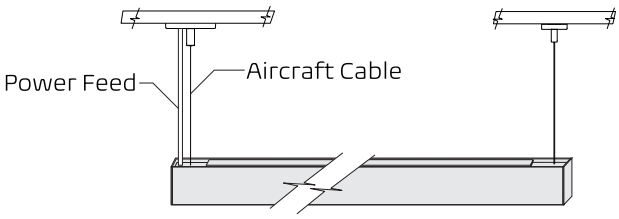
Line Connection:



Linear Connector
(-AL-TC)

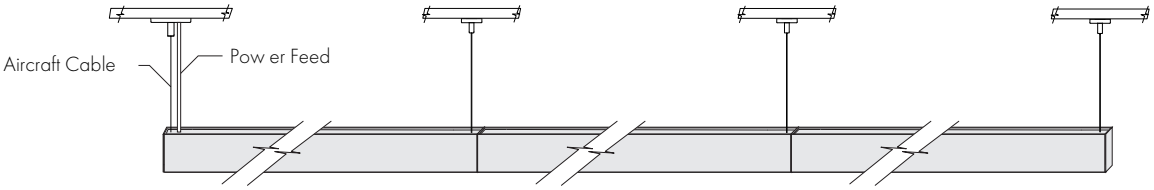
120Vac: Connections up to 40 ft
277Vac: Connections up to 100ft



Mounting point:

46.68" for 4FT fixture
94.06" for 8FT fixture

Continuous Run



Mounting point:

46.68" for 4FT fixture
94.06" for 8FT fixture

Mounting point:

47.28" for 4FT fixture
94.56" for 8FT fixture

Mounting point:

47.28" for 4FT fixture
94.56" for 8FT fixture

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Example Continue Runs Chart:

120Vac: Connections up to 40 ft
277Vac: Connections up to 100ft

Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
4	4'	-	1	2	2
8	8'	-	1	2	2
12	8'+4'	1	1	3	3
16	8'+8'	1	1	3	3
20	8'+8'+4'	2	1	4	4
24	8'+8'+8'	2	1	4	4
28	8'+8'+8'+4'	3	1	5	5
32	8'+8'+8'+8'	3	1	5	5
36	8'+8'+8'+8'+4'	4	1	6	6
40	8'+8'+8'+8'+8'	4	1	6	6
44	8'+8'+8'+8'+8'+4'	5	2	7	7
48	8'+8'+8'+8'+8'+8'	5	2	7	7

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