



PROJECT

TYPE

DATE

ITEM NO.

NOTE

## ARCHITECTURAL LED LINEAR-DIRECT

## ILA-DID Series

LED Linear Luminaire

## DESCRIPTION

The AlphaLite ILA Series makes it an ideal choice for size-restricted architectural applications. The ILA Series can be the illumination solution in commercial, industrial, retail, and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, tasks, and general area lighting.

## APPLICATION

A versatile solution for general purpose applications. Ideal for parking garages, corridors, hallways, stairwells, offices, closets, storage rooms, and spaces that demand energy demand reduction and high-quality light.

## SPECIFICATION FEATURES

## Benefits

- Lower installation costs and maintenance costs
- CCT field adjustable
- High quality light for a more productive space
- Multiple mounting options
- Convenient access to replaceable, standard components reduces life cycle costs
- Direct & Indirect light

## Construction

Housing constructed of extruded aluminum. Polycarbonate diffuser lens provides even and consistent light while eliminating pixelation and glare. Toolless removal of diffuser allows access to LED array. LED module and driver are replaceable.

## Finish

Highly reflective finish. Baked paint applied after fabrication.

## Electrical

120-347V input voltage for increased versatility. 0-10V continuous dimming comes standard. Ideal when used in conjunction with controls and sensors. Comes equipped with a quick disconnect for compliance with US code.

## Optics

The LED light engine and integrated optics deliver enhanced light quality and distribution. Diffuser and reflector are designed LED light consistently, reducing glare and pixelation. The beam angle of direct light is 110°.

## Certifications / Regulatory

cETLus, IC rated.

## Warranty

5-year limited warranty. See complete warranty terms for details.



## Quick Ship Product

ILA-2DIDB(30)-8AK-BK  
ILA-2DIDB(30)-8AK-WH  
ILA-4DIDB(50)-8AK-BK  
ILA-4DIDB(50)-8AK-WH  
ILA-6DIDB(80)-8AK-BK  
ILA-6DIDB(80)-8AK-WH  
ILA-8DIDB(100)-8AK-BK  
ILA-8DIDB(100)-8AK-WH

## ORDERING INFORMATION

Sample Number: ILA-4DIDB(50)-8AK-WH

Series	Length	Lumen Package				CRI	CCT
ILA	2 - 2'	2'	4'	6'	8'	8 - 80+ CRI	AK - Adjustable CCT
- Architectural LED	4 - 4'	2DIDB(30)	4DIDB(50)	6DIDB(80)	8DIDB(100)	9 - 90+ CRI	(4000/3500/3000K)
Linear	6 - 6'	- 30W, 4434lm	- 50W, 6500lm	- 80W, 10400lm	- 100W, 13000lm		
	8 - 8'	Note: check the details as energy performance data.					

Optics	Control Option	Emergency Backup	Color	Assembly in USA
(Blank) - Diffuser with 110°x110° P - Parabolic lens (UGR<19) BA - Batwing distribution WW - Wall Wash distribution *WW only available for direct light	OS - Step dimming PIR motion sensor and daylight sensor MMS - Step dimming Microwave Sensor and daylight sensor SMC - Smart Control System Remarks: Sensor configuration tool remote control required, not included	EM15W - 15W constant power with integrated self-diagnostic test EM700 - 700lm EM1400 - 1400lm EM2000 - 2000lm	WH - White BK - Black	(Blank) - Non-BAA BAA - Assembly in USA

## Accessories

## Connector

ILA-LDIDB(30) - L shape connector  
ILA-TDIDB(40) - T shape connector  
ILA-XDIDB(50) - X shape connector

ILA-CRD7-(WH/BK) - 7ft 5 cords AC cable in (white or black) color with connector  
ILA-CRD13-(WH/BK) - 13ft 5 cords AC cable in (white or black) color with connector  
ILA-CRD7-300-EM-(WH/BK) - 7ft 6 cords 300V AC cable in (white or black) color with connector

ZCN-ILA-xFT - Fixture end connector kit, x=ft

ILA-UCOVER-(WH/BK) - U cover for connection, 100% no light leak

## Mounting

## Suspension Mount

ILA-ACC-(6/12) - 6.5ft or 12ft Aircraft cable without canopy  
ILA-PSCA-CRD7-(WH/BK) - Canopy with AC cable K/O + AC cable + 6.5ft aircraft cable  
ILA-SCA-(WH/BK) - Canopy + 6.5ft aircraft cable

## Pendant Mount

ILA-PMK-(WH/BK) - Pendant mount kit, suitable for 3/8" and 1/2" OD stem (Stems not provided)

## Wall Mount

ILA-WMKB-(WH/BK) - B version wall mount kit (Factory modification required)

ILA-WMKC-xFT-(WH/BK) - C version wall mount kit

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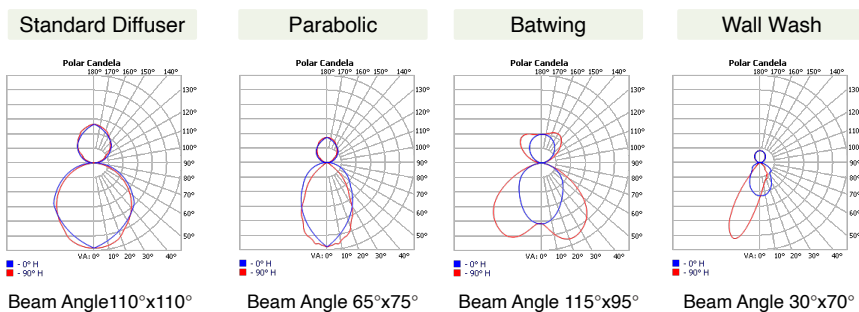
## SUMMARY

Input Voltage	120-347V
Input Power	30-100W
Efficiency	>115LPW
Color Temp.	4000K/3500K/3000K Selectable
CRI	>80
Power Factor	>0.90
Dimmable	Full Range 0-10V dimming standard
Dimming Range	10-100%
Operating Temp.	-22°F to 122°F (-30°C to 50°C)
Rated Life	50,000 hours

## ENERGY PERFORMANCE DATA

Part No.	Housing Finish	Rated Wattage(W)	Delivered Lumen(lm)	Efficacy (lm/W)
ILA-2DIDB(30)-8AK	WH	20W Direct & 10W Indirect	4434	120
	BK		3510	117
ILA-4DIDB(50)-8AK	WH	35W Direct & 15W Indirect	6500	130
	BK		5850	117
ILA-6DIDB(80)-8AK	WH	50W Direct & 30W Indirect	10400	130
	BK		9360	117
ILA-8DIDB(100)-8AK	WH	70W Direct & 30W Indirect	13000	130
	BK		11700	117

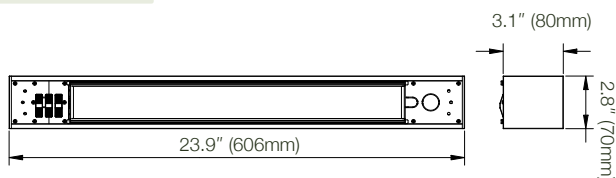
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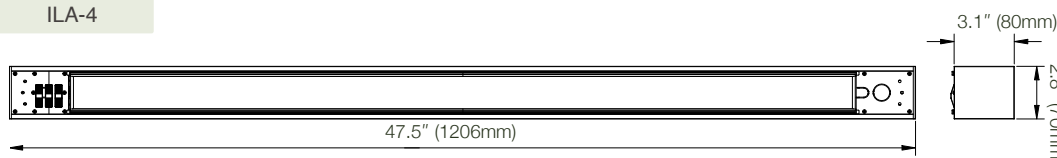
## PHYSICAL PARAMETERS

### DIMENSION

ILA-2

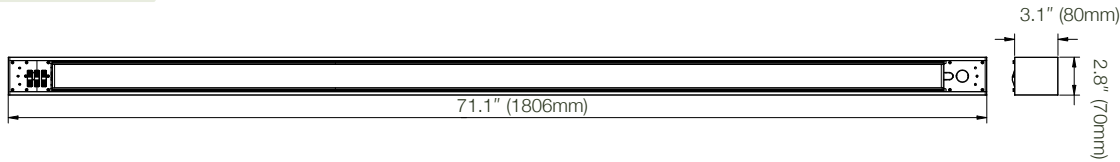


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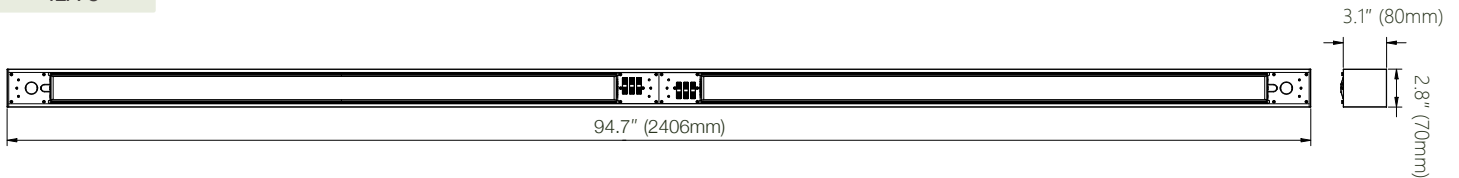


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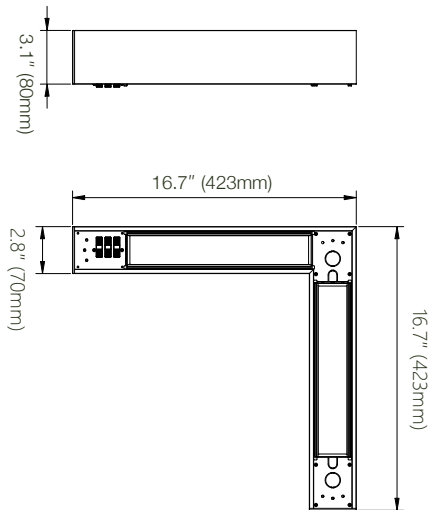
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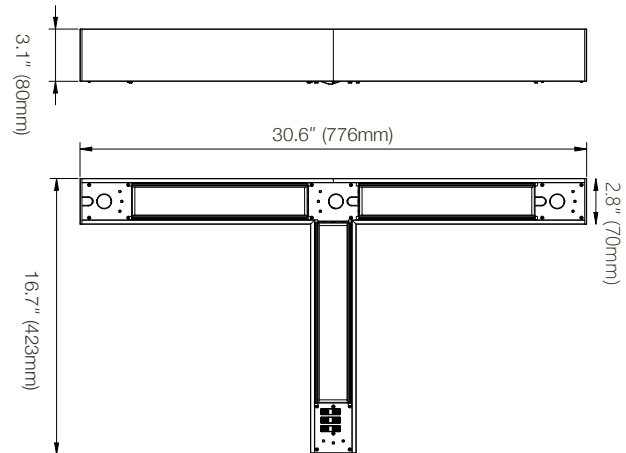
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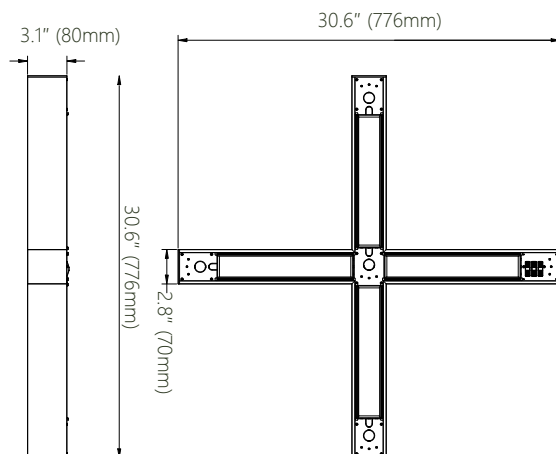
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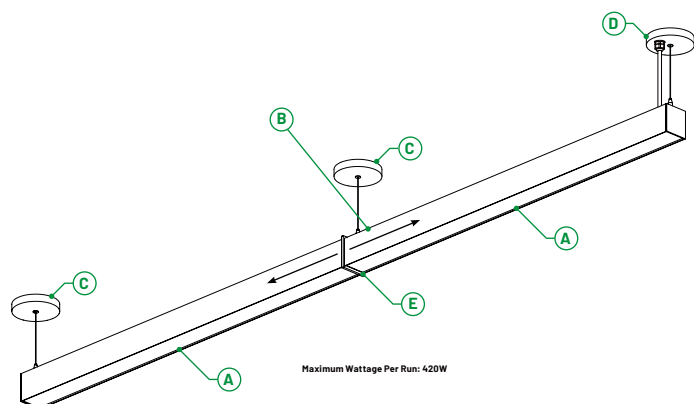
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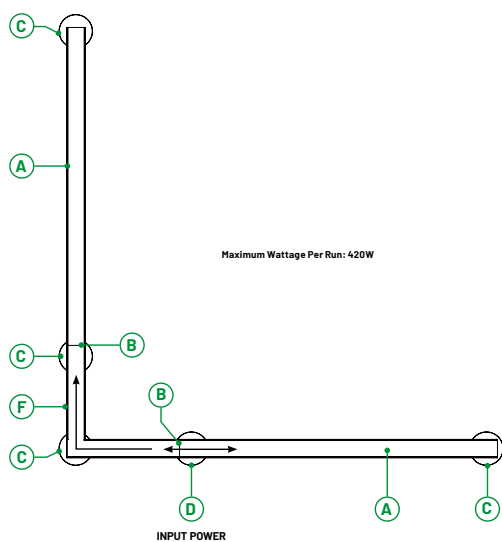
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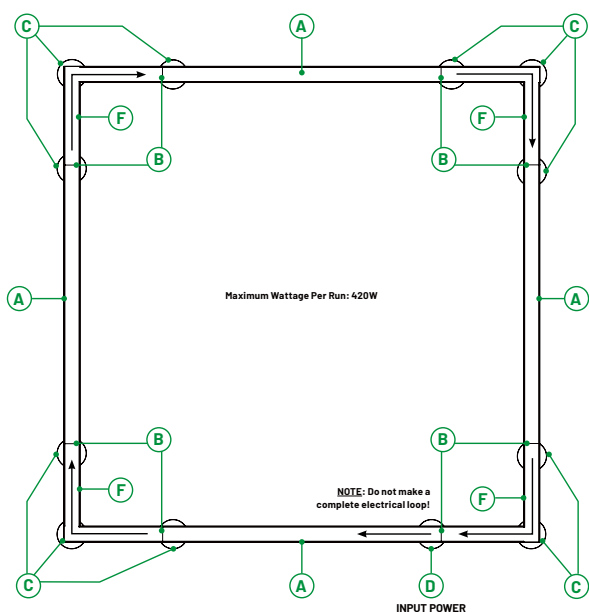
## LINEAR MULTI-DIRECTIONAL LAYOUT



	Part Number	Description	Quantity
A	ILA-2/4/6/8ft	ILA Linear Direct/Indirect Fixture	2
B	ZCN-ILA-xFT	Fixture End Linkable Connector Kit, x=ft	1
C	ILA-SCA	Surface Canopy + 6.5ft Aircraft Cable	2
D	ILA-PSCA-CRD7	Surface Canopy with AC cable K/O + 6.5ft Aircraft Cable + 18CWG 600V 5 wires 7ft AC Cable	1
E	ILA-UCOVER	U-cover(Optional)	1



	Part Number	Description	Quantity
A	ILA-2/4/6/8ft	ILA Linear Direct/Indirect Fixture	2
B	ZCN-ILA-xFT	Fixture End Linkable Connector Kit, x=ft	2
C	ILA-SCA	Surface Canopy + 6.5ft Aircraft Cable	4
D	ILA-PSCA-CRD7	Surface Canopy with AC cable K/O + 6.5ft Aircraft Cable + 18CWG 600V 5 wires 7ft AC Cable	1
F	ILA-LDXXX	L-Connector	1



	Part Number	Description	Quantity
A	ILA-2/4/6/8ft	ILA Linear Direct/Indirect Fixture	4
B	ZCN-ILA-xFT	Fixture End Linkable Connector Kit, x=ft	8
C	ILA-SCA	Surface Canopy + 6.5ft Aircraft Cable	11
D	ILA-PSCA-CRD7	Surface Canopy with AC cable K/O + 6.5ft Aircraft Cable + 18CWG 600V 5 wires 7ft AC Cable	1
F	ILA-LDXXX	L-Connector	4