



PROJECT

TYPE

DATE

ITEM NO.

NOTE

ARCHITECTURAL LED LINEAR-DIRECT

ILA-DIDB Series

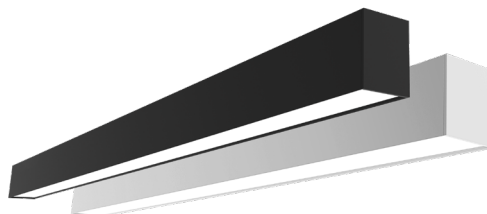
LED Linear Luminaire

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, DLC5.1 Standard Listed. (6FT DLC is not listed)

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 - Architectural LED Linear	2 - 2'	2'	4'	6'	8'	8 - 80+ CRI	AK - Adjustable CCT (4000/3500/3000K)
	4 - 4'	2DIDB(30)	4DIDB(50)	6DIDB(80)	8DIDB(100)	9 - 90+ CRI	
	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 (Configuration tool RC-100 required) BLE - Bluetooth wireless control system AWN - Lutron Athena wireless node integral fixture control (RF only) AWNS - Lutron Athena wireless node integral fixture control (RF with daylight and occupancy sensing) Remarks: Sensor configuration tool remote control required, not included	EM6W - 6-watt Constant Power, 90 min. (available for 2ft ILA) EM15W - 15-watt Constant Power with integrated self-diagnostic test, 90 min. (available for 4, 6, and 8ft ILA)	WH - White BK - Black	(Blank) - Non-BAA BAA - Assembly in USA

Accessories

Connector

ILA-LDIDC(30) - L shape connector
ILA-TDIDC(40) - T shape connector
ILA-XDIDC(50) - X shape connector
ILA-LWDIDC-8AK - L shape connector
ILA-TWDIDC-8AK - T shape connector
ILA-XWDIDC-8AK - X shape connector
ILA-L120WDIDC-8AK - Two-way Connector
ILA-YWDIDC-8AK - Three-way Connector

ILA-CRD7-(WH/BK) - 7ft 5 wire AC cable in (white or black) color with connector
ILA-CRD13-(WH/BK) - 13ft 5 wire AC cable in (white or black) color with connector
ILA-CRD7-300-EM-(WH/BK) - 7ft 6 wire 300V AC cable in (white or black) color with connector
ILA-LB - Linking bracket
ILA-UCOVER-(WH/BK) - U cover for connection, 100% no light leak

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-PSCA-CRD13-(WH/BK) - Canopy with AC cable K/O + AC cable + 12ft 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) - Wall Mount Kit suitable for all ILA series (Requires field modification or request factory modification in advance)
ILA-WMKC-4FT-(WH/BK) - Wall Mount Kit only suitable for ILA-4ft

Alphalite Inc.

11920 Altamar Pl., Santa Fe Springs, CA 90670
Tel: 888.287.9228 | Fax: 888.258.9183 | support@alphalite.com | www.alphalite.com

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Rev. ILA-DIDB_102025

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~122°F (-30°C~50°C)
Rated Life	50,000 hours

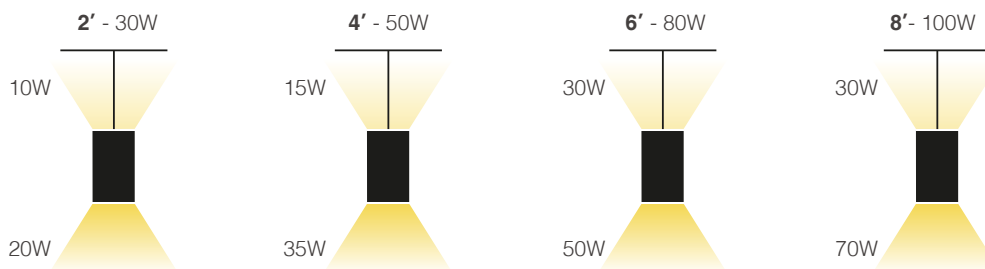
ENERGY PERFORMANCE DATA

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

*The delivered lumens above are based on highest wattage and 4000K.

**Default setting at time of shipping are highest wattage and highest CCT.

LIGHTING MODE



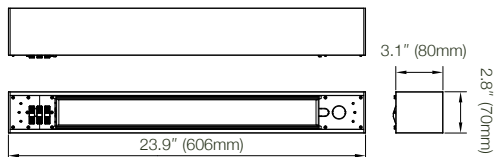
OPTICS OPTION

Standard Diffuser Beam Angle 110°x110°	Batwing Beam Angle 115°x95°	Wall Wash Beam Angle 30°x70°
Parabolic Lens ILA-LN-P	Hex Louver ILA-LV-HX-WH/BK	Straight Blade Louver ILA-LV-SB-WH/BK

DIMENSION

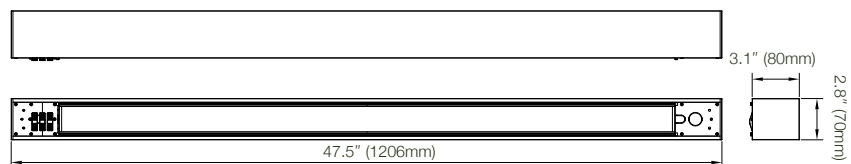
ILA-2

23.9"L x 2.8"W x 3.1"H



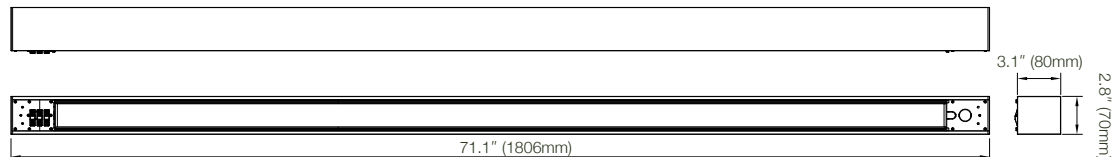
ILA-4

47.5"L x 2.8"W x 3.1"H



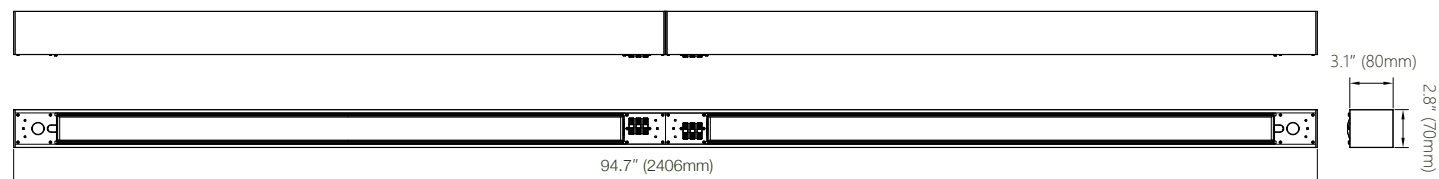
ILA-6

71.1"L x 2.8"W x 3.1"H



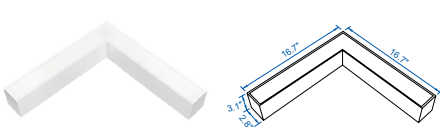
ILA-8

94.7"L x 2.8"W x 3.1"H

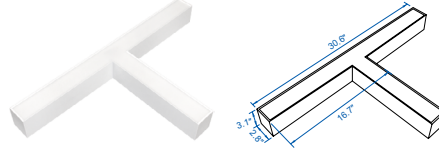


CONNECTOR OPTIONS

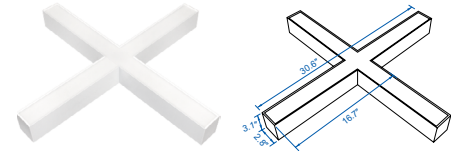
ILA-LDIDC(30)-8AK



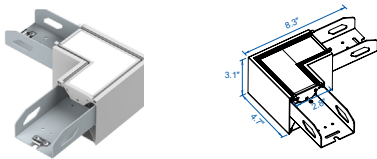
ILA-TDIDC(40)-8AK



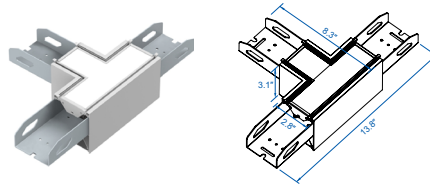
ILA-XDIDC(50)-8AK



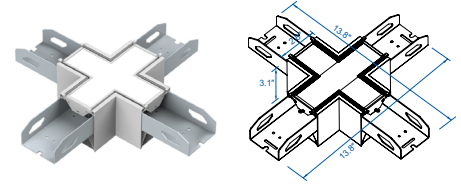
ILA-LWDIDC-8AK



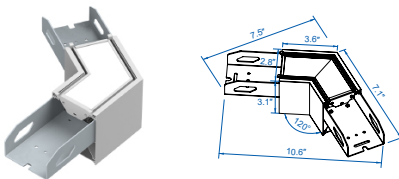
ILA-TWDIDC-8AK



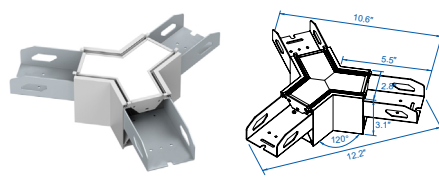
ILA-XWDIDC-8AK



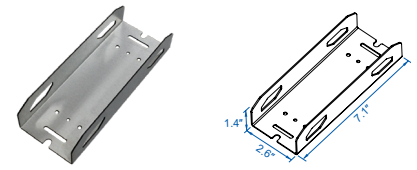
ILA-L120WDIDC-8AK



ILA-YWDIDC-8AK

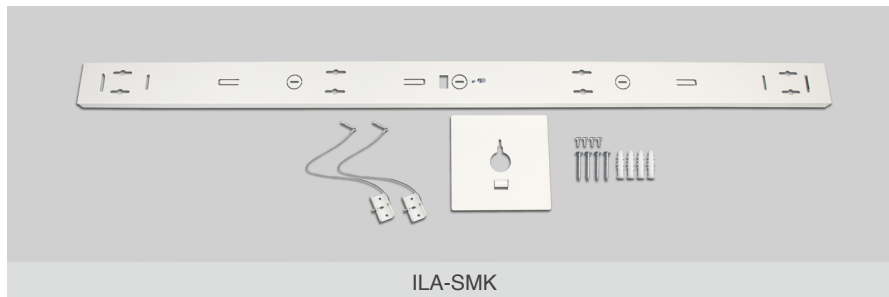


ILA-LB

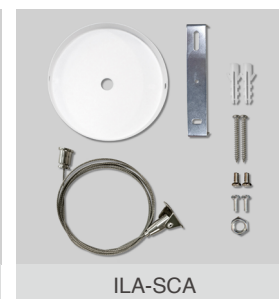


MOUNTING OPTION

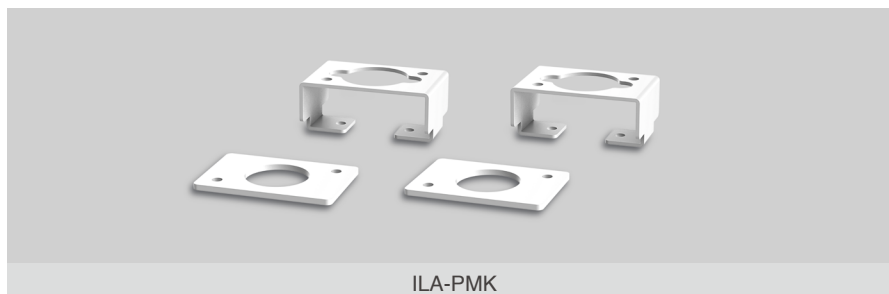
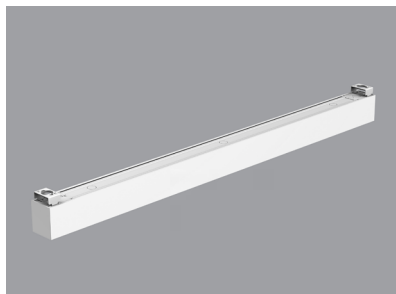
Surface



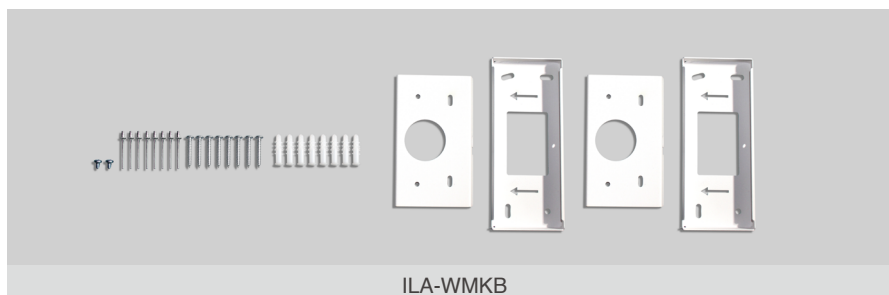
Suspension



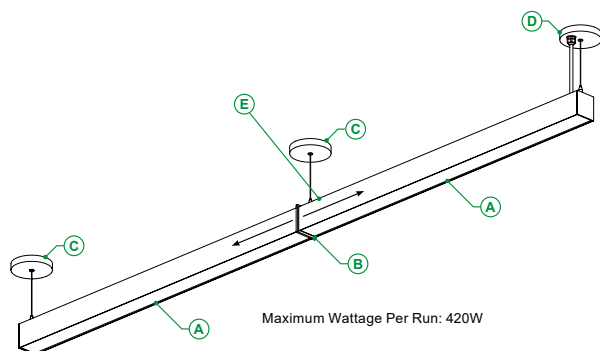
Pendant



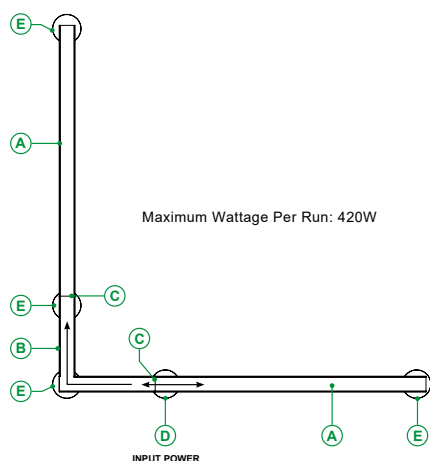
Wall



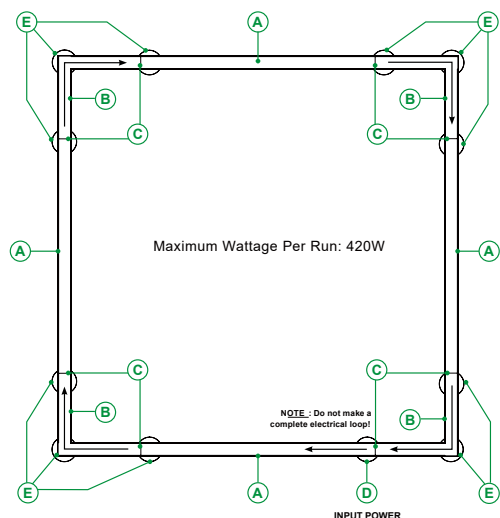
LINEAR MULTI-DIRECTIONAL LAYOUT



	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