



PROJECT

TYPE

DATE

ITEM NO.

NOTE

ARCHITECTURAL LED LINEAR-DIRECT & INDIRECT**ILA-DIDE Series**

LED Linear Luminaire

DESCRIPTION

ILA Series makes it an ideal choice for size-restricted architectural applications. It 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
- Lower energy costs
- High quality light for a more productive space
- Multiple mounting options
- Convenient access to replaceable, standard components reduces life cycle costs
- Field adjust wattage & CCT and direct/indirect proportion light output, all 3 dip switches with 3 positions, total 27 options

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. Housing and optics maintain damp location rating with all internal components.

Finish

Highly reflective finish. Baked paint applied after fabrication.

Electrical

120-347V input voltage, 0-10V continuous dimming comes standard. Comes equipped with a quick disconnect.

Optics

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

Certifications / Regulatory

cETLus listed, IC rated.

Warranty

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

**Quick Ship Product**

ILA-4DIDE(50)-8AK-SA

ILA-8DIBE(100)-8AK-SA

ORDERING INFORMATION

Series	Length	Lumen Package			CRI	CCT
ILA	2' - 2'	2'	4'	8'	8 - 80+ CRI	AK - Adjustable CCT
- Architectural	4 - 4'	2DIDE(30)	4DIDE(50)	8DIDE(100)	9 - 90+ CRI	(4000/3500/3000K)
LED Linear	8 - 8'	- 30/25/20W, 3450/2875/2300lm	- 50/40/30W, 5750/4600/3450lm	- 100/80/60W, 11500/9200/6900lm		

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) 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 SA - Silver	(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-2WDIDC-8AK-(WH/BK) - Two-way Connector
ILA-3WDIDC-8AK-(WH/BK) - Three-way Connector

ILA-CRD7-(WH/BK/GY) - 7ft 5 cords AC cable in (white or black or grey) 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
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 adjustable Aircraft cable without canopy
ILA-PSCA-CRD7-(WH/BK/SA) - Canopy with AC cable K/O+AC cable+6.5ft adjustable aircraft cable
ILA-PSCA-CRD13-(WH/BK) - Canopy with AC cable K/O + AC cable + 12ft aircraft cable
ILA-SCA-(WH/BK/SA) - Canopy+6.5ft adjustable 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 (Required field modification or request factory modification in advance)
ILA-WMKC-4FT-(WH/BK) - Wall Mount Kit only suitable for ILA-4ft

SUMMARY

Input Voltage	120-347V
Input Power	20-100W
Efficiency	>100LPW
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

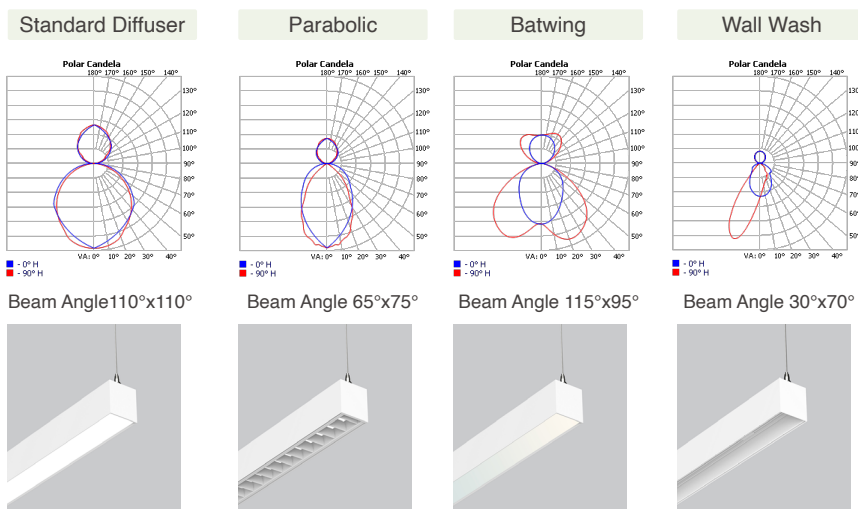
ENERGY PERFORMANCE DATA

Part No.	Housing Finish	Rated Wattage(W)	Delivered Lumen(lm)	Efficacy (lm/W)
ILA-2DIDE(30)-8AK	WH	30/25/20	3450/2875/2300	115
	BK		3090/2575/2060	103
	SA		3270/2725/2180	109
ILA-4DIDE(50)-8AK	WH	50/40/30	5750/4600/3450	115
	BK		5150/4120/3090	103
	SA		5450/4360/3270	109
ILA-8DIDE(100)-8AK	WH	100/80/60	11500/9200/6900	115
	BK		10300/8240/6180	103
	SA		10900/8720/6540	109

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

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

OPTICS

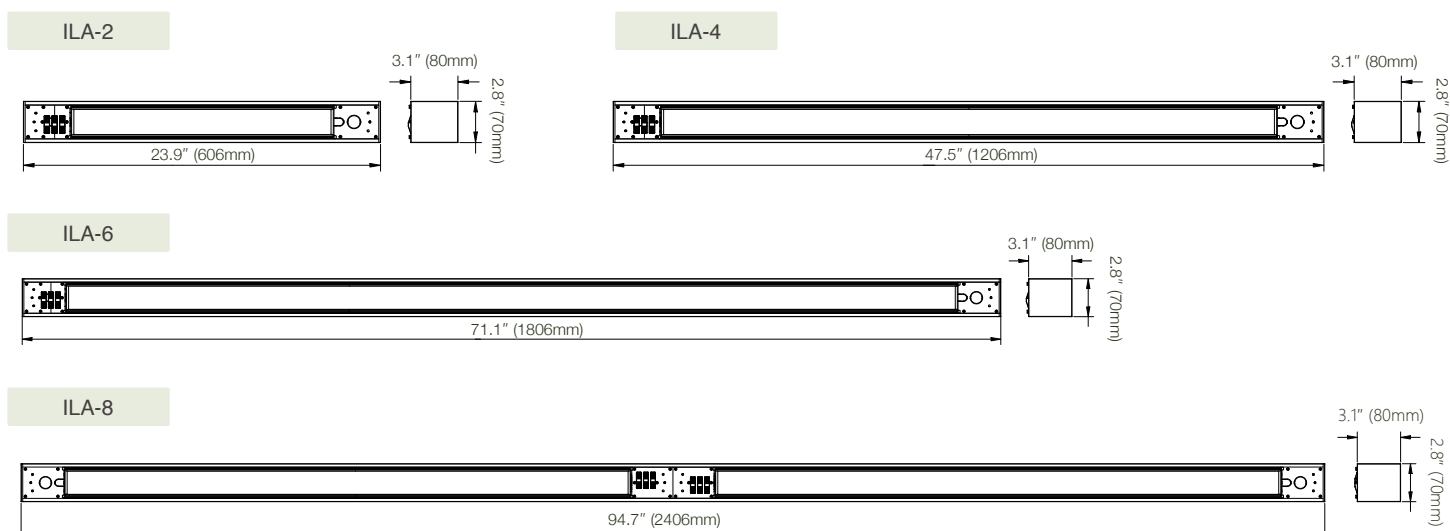


DIP SWITCHES

ILA-2 CCT 3000K ↑ Down+Up 100%+0% ↑ Watt 30W 3500K • Down+Up 50%+50% • 25W 4000K CCT ↓ Down+Up 70%+30% ↓ 20W Watt	ILA-4 CCT 3000K ↑ Down+Up 100%+0% ↑ Watt 50W 3500K • Down+Up 50%+50% • 40W 4000K CCT ↓ Down+Up 70%+30% ↓ 30W Watt
ILA-8 CCT 3000K ↑ Down+Up 100%+0% ↑ Watt 100W 3500K • Down+Up 50%+50% • 80W 4000K CCT ↓ Down+Up 70%+30% ↓ 60W Watt	

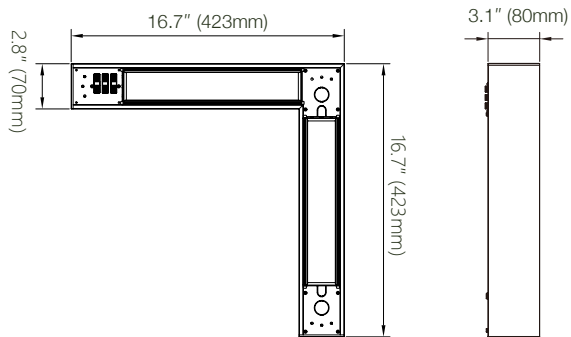
PHYSICAL PARAMETERS

DIMENSION

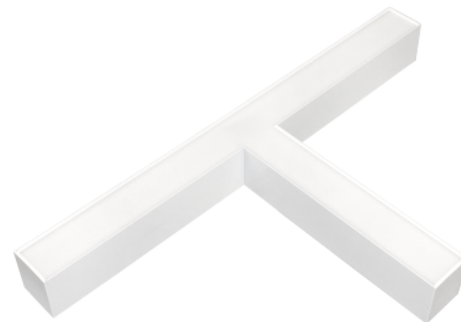
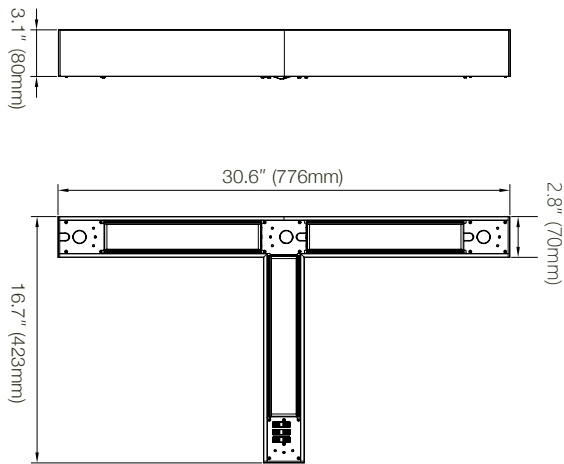


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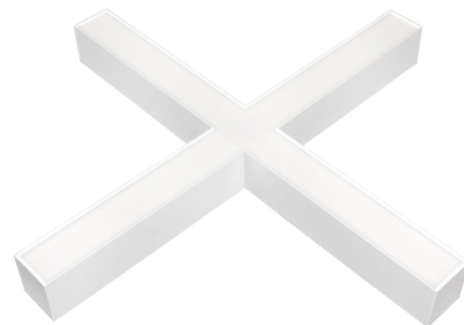
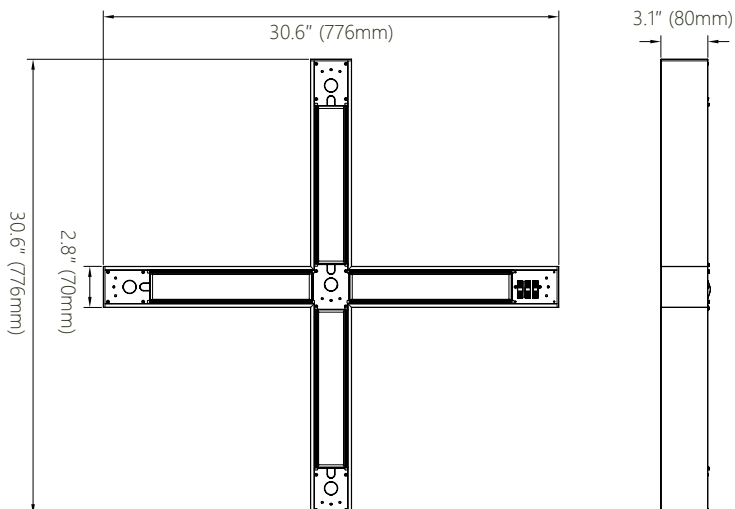
ILA-L



ILA-T

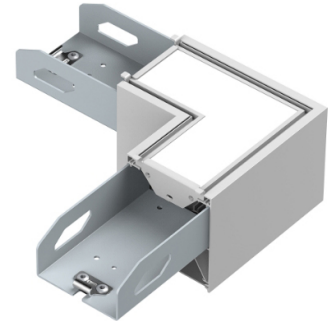
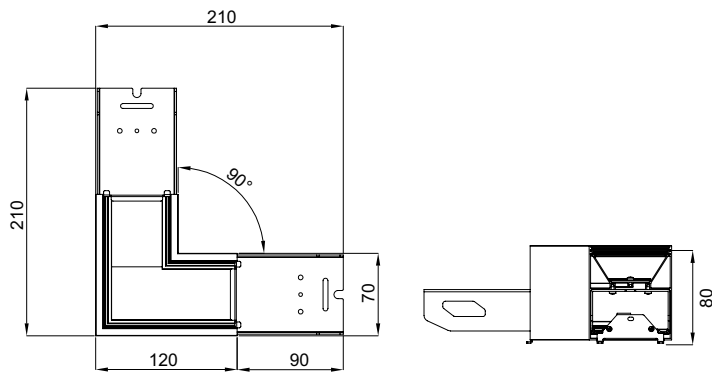


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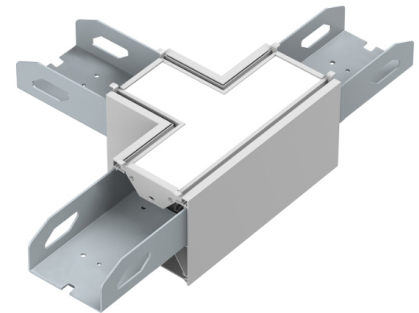
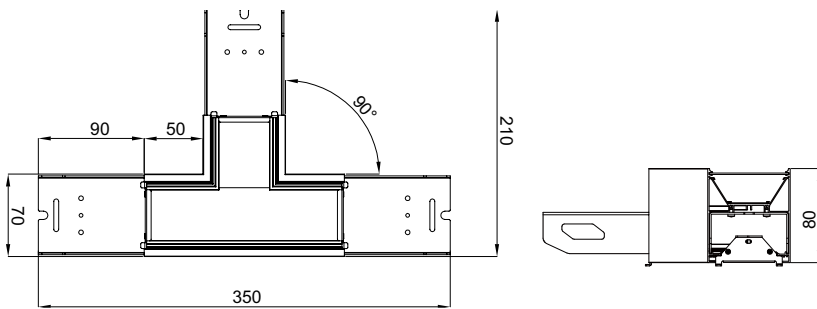


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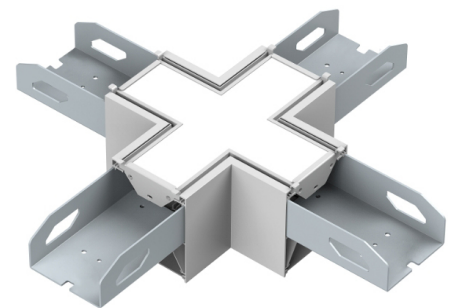
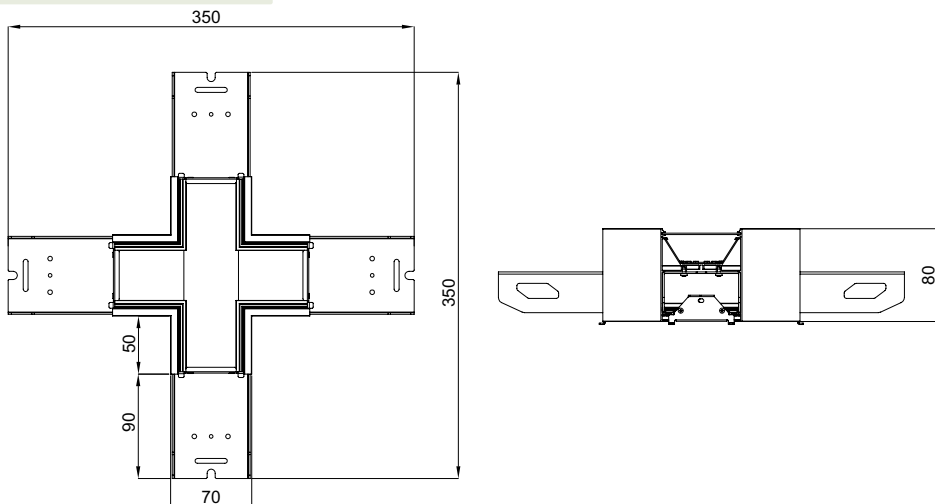
ILA-LWDIDC-8AK



ILA-TWDIDC-8AK

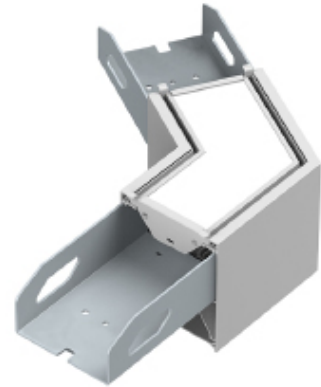
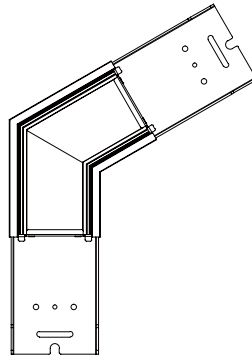
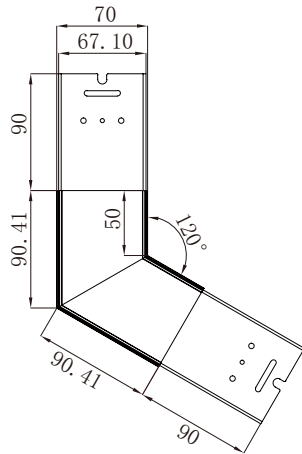


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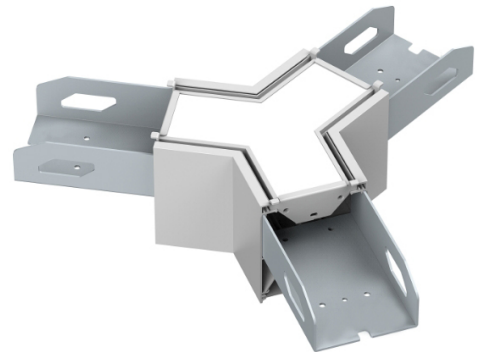
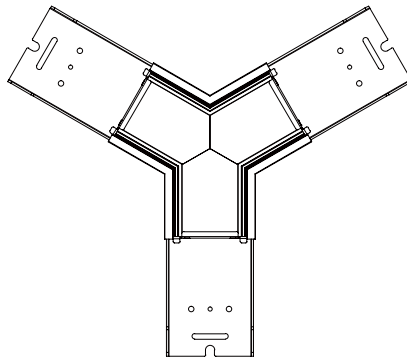
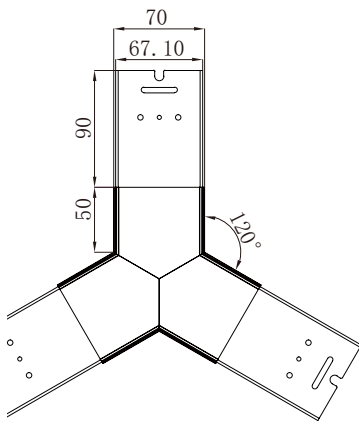


DIMENSION

ILA-L120WDIDC-8AK



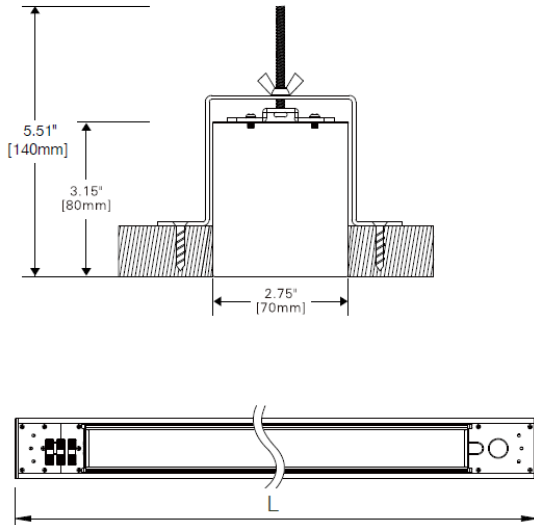
ILA-YWDIDC-8AK



RECESSED - CROSS SECTION VIEW

FRANGE RECESSED

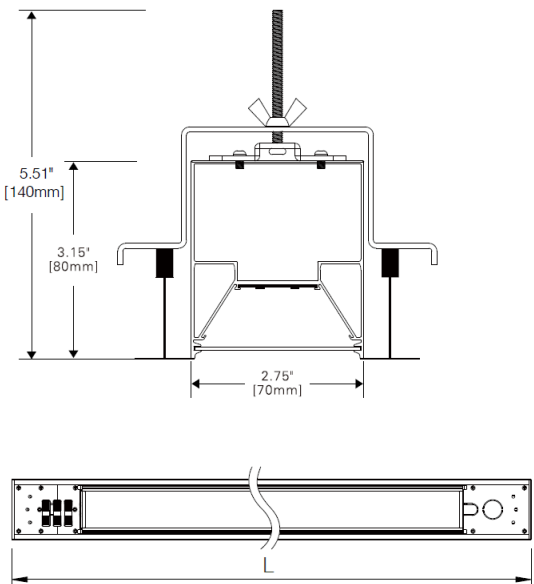
DIMENSION



Nominal	Cut-out L*W*H(Minimum)	Product L*W*H
ILA-2ft	23.9"x2.75"x5.51" [606x70x140mm]	23.9"x2.75"x3.15" [606x70x80mm]
ILA-4ft	47.5"x2.75"x5.51" [1206x70x140mm]	47.5"x2.75"x3.15" [1206x70x80mm]
ILA-6ft	71.1"x2.75"x5.51" [1806x70x140mm]	71.1"x2.75"x3.15" [1806x70x80mm]
ILA-8ft	94.7"x2.75"x5.51" [2406x70x140mm]	94.7"x2.75"x3.15" [2406x70x80mm]

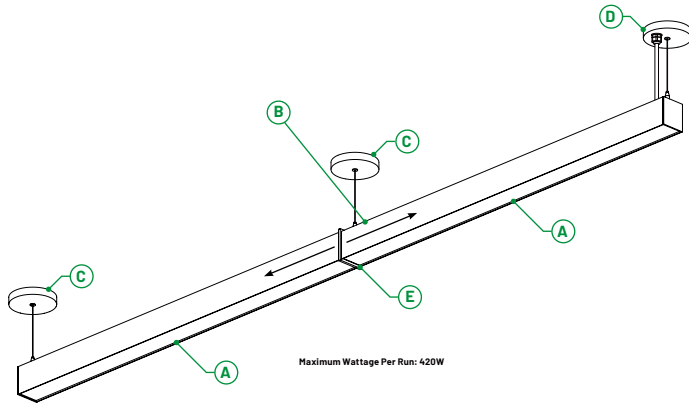
T-BAR RECESSED

DIMENSION

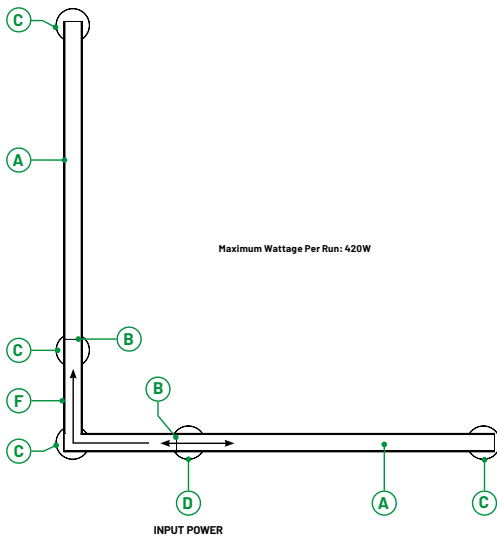


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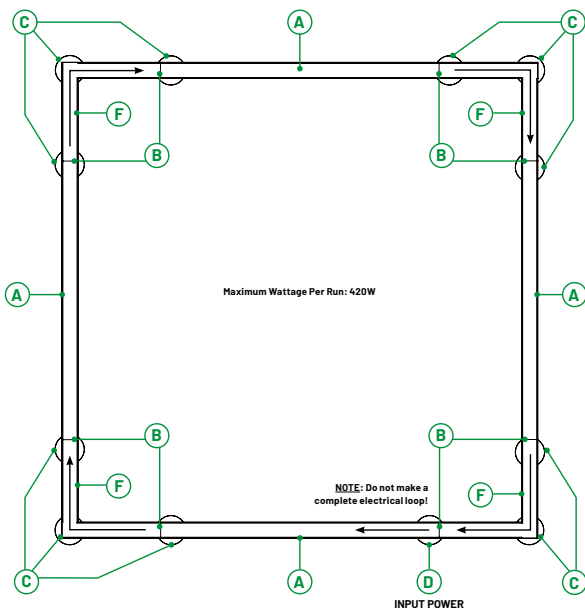
LINEAR MULTI-DIRECTIONAL LAYOUT



	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