LANTANA LED

EDGE SQUARE LINEAR

SPECIFICATION





Sleek square-profile linear lighting with multiple power and emergency options, perfect for offices, schools, and retail environments.

Efficacy Up to: 152.29 Lm/W

Total Output: 13,706

Max Watt: 90

CRI: 80, 90

CCT: 2700K-6500K

UGR: 23 4H/8H

Lifetime: TM 21 L90>71,000

Power Type:

- Class 2 Integral Line-Voltage 120/277V
- Onboard Emergency Battery Backup
- Remote Distributed Low Voltage
- Power over Ethernet

Ambient Operating Temp:

- -20°C to 55°C Integral
- 0°C to 50°C Integral Emergency
- -30°C to 70°C Remote/PoE

Mounting:

- Pendant
- Surface
- Rigid Stem (Unpowered)
- Unistrut (w/wo clip & bracket)
- Custom Angle Bracket

Additional Features

- High Output Driver
- Replaceable Driver
- 0-10V Dimming Down to 1%
- Withstands High Heat Environments
- Slim Profile to Fit Tight Spaces
- Optional Sensors
- Available in White or Black

Certifications & Standards

- UL 924: Emergency
- UL 1598: Luminaires
- UL 2108: Low-Voltage
- UL Certified for Elevated Ambient Operating Temperatures
- IDCA Grade 2 Certified
- TAA

Applications

- Education
- Commercial Office
- Hospitality
- Retail
- Data Centers
- Hot Aisle Containment
- Suitable for Damp Locations

Environmental:

- 100% Recycled Extruded Aluminum
- Recyclable Acrylic
- Title 24 Compliant
- EPD Smart Certified

Warranty: 5-Year, extendable to 10 years w/wo driver replacement

415-814-8500

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ORDERING INFORMATION

Series/Type

ESLN- Edge Square Linear

Power

I- Integral
IEM- Integral EM
R- Remote
POE- PoE

Integral Emergency includes onboard emergency battery backup.
Remote requires a distributed low-voltage driver unit (RDU) or an alternative DC power source. Sold separately.

Size

4- Four Foot
8- Eight Foot

Mounting

P- Pendant
RS- Rigid Stem* (unpowered)
U- Unistrut
UC- Unistrut Clip*
UCB- Unistrut Clip and Bracket*
S- Surface
45B- 45° Bracket*
#B- Custom Angle Bracket*

Enter angle for custom angle bracket #B

Optics

- NA

Distribution

- NA

Lumen Output

L#-	L40-70	4' Std
	L75-L90	4' HO*
	L65-L120	8' Std
	L125-L140	8' HO*

Consult Performance for Lumen Tables with corresponding wattage, and nominal and delivered lumens for SKU.

Adaptive

- NA

CCT

27- 2700K
30- 3000K
35- 3500K
40- 4000K
50- 5000K
65- 6500K

CRI

80- 80+ CRI
90- 90+ CRI

Cord

N- None
3- No Dim
5- Dim
3E- No Dim/EM On
4E- No Dim-EM On/Off
5E- Dim EM On
6E- Dim EM On/Off

Cord Color

N- None
W- White
B- Black
S- Silver Braided

Feed

N- None
TFC- Top Center
TFE- Top End
SF- Side

Finish

WPC- White Powder Coat
BPC- Black Powder Coat*

End Cap

WP- White Plastic
BP- Black Plastic*

Sensors*

JD- JDRF Autonomy Sensor
LU- Lutron Athena Wireless Node
WT- Wattstopper FSP-202
LD- LANTANA Dip Switch
NL- nLight PIR Sensors
CU- Current NXSMP
LM- LANTANA Microwave

Sensor includes installation of sensor and sensor end cap.
Verify compatibility of emergency and sensor before ordering.

Project: Date:

Part Number: Qty:

Notes:

*Additional costs may apply

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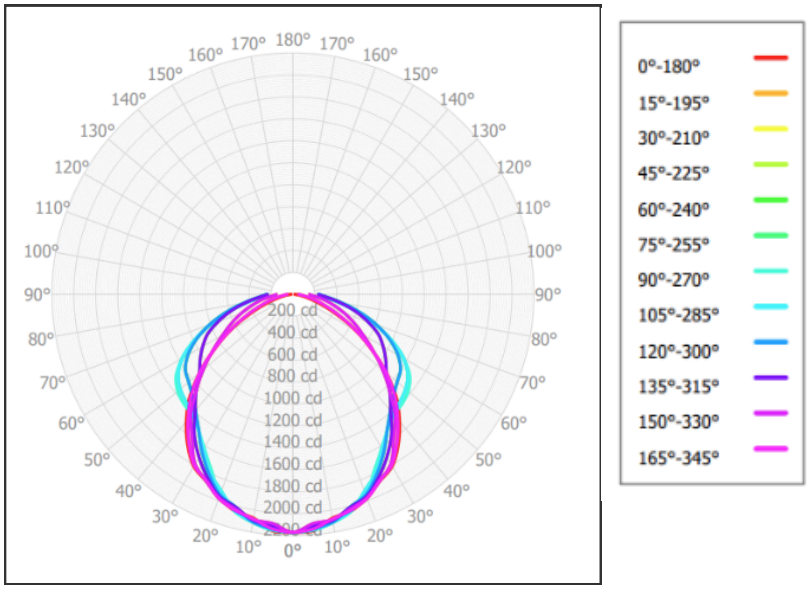
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PERFORMANCE

Delivered Lumens at 4000K 80 CRI

6804.76 Lumens, 40 Input Watts, Efficacy 152.29 Lm/W



CCT (Kelvin)	Multiplier 80 CRI	Efficacy Lm/W	Multiplier 90 CRI	Efficacy Lm/W
2700K	0.91	138.58	0.76	115.74
3000K	0.95	144.68	0.80	121.83
3500K	0.97	147.72	0.82	124.88
4000K	1.00	152.29	0.85	129.45
5000K	1.00	152.29	0.85	129.45
5700K	1.00	152.29	0.85	129.45
6500K	0.99	150.77	0.85	129.45

Standard Output				
Size	SKU	Nominal	Watts	Delivered
4'	L40-	4000	26	3960
	L45-	4500	29	4416
	L50-	5000	32	4873
	L55-	5500	36	5482
	L60-	6000	39	5939
8'	L65-	6500	42	6396
	L70-	7000	45	6853
	L75-	7500	49	7462
	L80-	8000	52	7919
	L85-	8500	55	8376
	L90-	9000	59	8985
	L95-	9500	62	9442
	L100-	10000	65	9899
	L105-	10500	68	10356
	L110-	11000	72	10965
	L115-	11500	75	11422
	L120-	12000	78	11879

High Output				
Size	SKU	Nominal	Watts	Delivered
4' HO	L65-	6500	42	6396
	L70-	7000	45	6853
	L75-	7500	49	7462
	L80-	8000	52	7919
	L85-	8500	55	8376
	L90-	9000	59	8985
	L95-	9500	62	9442
8' HO	L130-	12500	82	12488
	L135-	13000	85	12945
	L140-	13500	88	13402
	L145-	14000	90	13706

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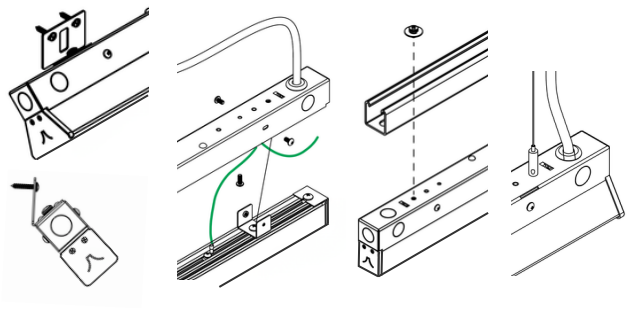
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MOUNTING & DIMENSIONS

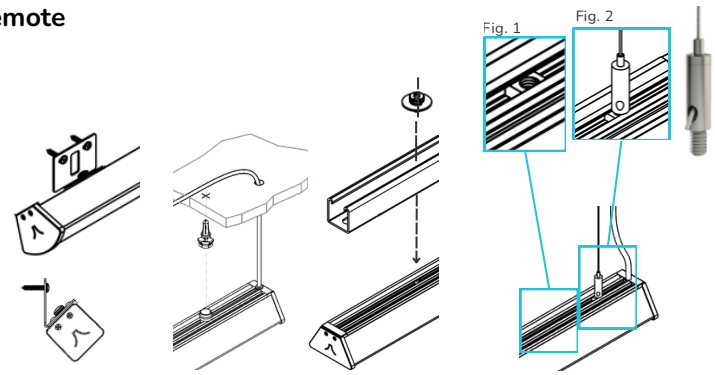
Edge Asymmetric and Edge Tri-Flat Linears Shown

Integral



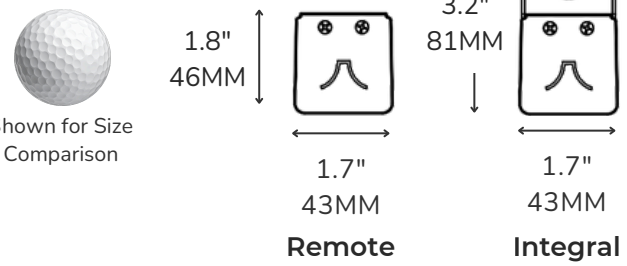
Angle Bracket Surface Unistrut Pendant

Remote

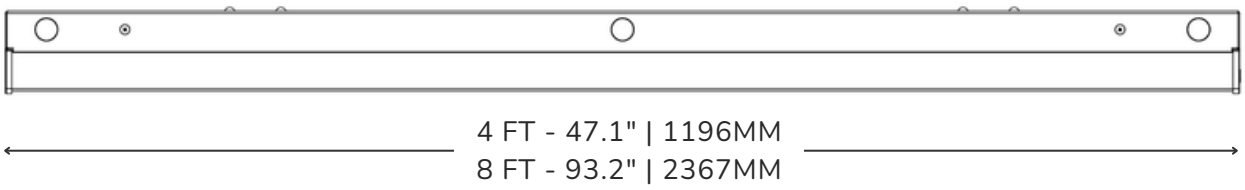


Angle Bracket Surface Unistrut Pendant

Fig 1. Sliding channel nut(s) allows easier adjustment and alignment.
Fig 2. Sliding nut with adjustable grippers for easy leveling.



FIXTURE SIZE	LENGTH		WIDTH		HEIGHT		WEIGHT	
	IN	MM	IN	MM	IN	MM	LBS	KG
Remote 4 ft.	47.1	1196	1.7	43	1.8	46	3.85	1.75
Remote 8 ft.	93.2	2367	1.7	43	1.8	46	7.7	3.49
Integral 4 ft.	47.1	1196	1.7	43	3.2	81	4.85	2.2
Integral 8 ft.	93.2	2367	1.7	43	3.2	81	9.7	4.4



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