

Linear LED High Performance Indoor Cove Luminaire



Description

LumenSense high performance cove luminaires offer a high efficacy alternative to traditional fixtures, with multiple color temperatures.

Its small profile, adjustable base and continuous run connectors make it easy to install in a variety of applications.

Features

- Up to 1100+ lumens per foot
- Proprietary optical technology
- Up to 100+ lumens per watt
- ELV dimming, 0-10V dimming
- Proprietary adjustable mounting bracket
- Small profile fixture
- Continuous run capability
- RGB+W options available

Applications

- Facade wall washing
- Shopping mall / recreational facility
- Bridge / linear structure
- Signage

Listing

ETL listed for damp location

Warranty

5-year limited warranty



DIMMABLE

Performance

CCT (K)

Optics

Lumen Output

Efficacy (lm/w)

2700K	120° X 120°	1076 lm/lf	91.9 lm/w
3000K	120° X 120°	1081 lm/lf	92.4 lm/w
3500K	120° X 120°	1105 lm/lf	94.4 lm/w
4000K	120° X 120°	1130 lm/lf	96.6 lm/w

Power Consumption

Typical Wattage:

11.7W (1ft) / 45.2W (4ft)
(Typical input power range allows for a +/- 10% variation of all components)*

Maximum Wattage:

12.7W (1ft) / 48.9W (4ft)
(All fixtures are labeled with maximum wattage)

Operating Voltage

120VAC (ELV), 100-277VAC (0-10V Dimming) 50/60 Hz

Driver

Integral to fixture

Startup Temperature

14°F to 104°F (-10°C to 40°C)

Operating Temperature

14°F to 104°F (-10°C to 40°C)

Storage Temperature

-40°F to 176°F (-40°C to 80°C)

Dimming

ELV(5% dimming), DIM10 (0-10V Dimming 10% dimming), DIMTR (Triac)

Dimension

With Mounting Bracket:

W 2.0" x H 1.8" x L12"/48"
(50.80mm x 45.72mm x 305mm/1219mm)

Without Mounting Bracket:

W 1.4" x H 1.4" x L12"/48"
(35.60mm x 35.60mm x 305mm/1219mm)

Housing

Advanced thermal regulating aluminum design

Lens

Clear polycarbonate enhanced with OFD technology

Environment

Indoor: Certified Dry / Damp Location

Distribution

120° x 120°

Mounting Options

Proprietary Adjustable: 80° + 80°

Max Run

Maximum run per leader cable: 50ft

Catalog Number:

Job Name:

Type:

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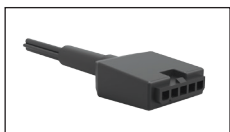
Ordering Guide

(Choose the option that best suits your need and write its corresponding part number on the appropriate box to form the complete part number)

Example: **1-LSC1-550LP-DIMELV-120-120X120D-30K-90-CL-SI**

Size	Lumen	Voltage	Color (CCT)	CRI				
1 - 12" Standard 4 - 48" Standard CUS - Custom length	550LP - lumens/foot 1100LP - lumens/foot	MVOLT - 120-277V (DIM10) 120 - 120V (DIMELV)	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	90 - 90+				
Series	Dimming	Distribution					Finish	
LSC1 - Lumen Sense LED Cove Lighting	DIM10 - 0-10V Dimming DIMELV - Electronic Low Voltage Dimming DIMTR - Triac Dimming	120X120D - 120°X120°					CL-SI - Clear Silver	

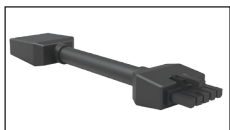
WIRING OPTIONS



Leader Cable (LC)

Leader Cable (Live End Wiring)

LS-HW-DIM10	5-pin leader cable, 10ft
LS-HW-DIMELV	3-pin leader cable, 10ft



Jumper Cable (JC)

Jumper Cable

LS-COUP-DIM10	5-pin jumper cable, 1ft
LS-COUP-DIMELV	3-pin jumper cable, 1ft

TERMINATOR

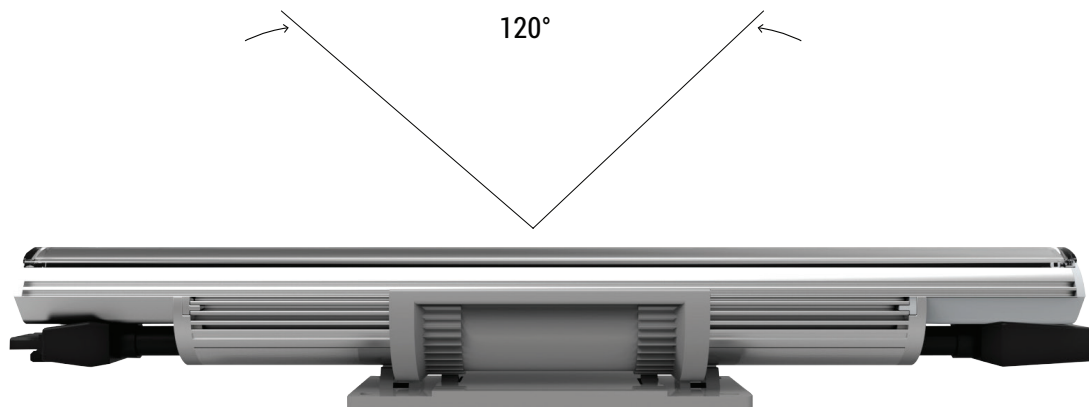


End Cap

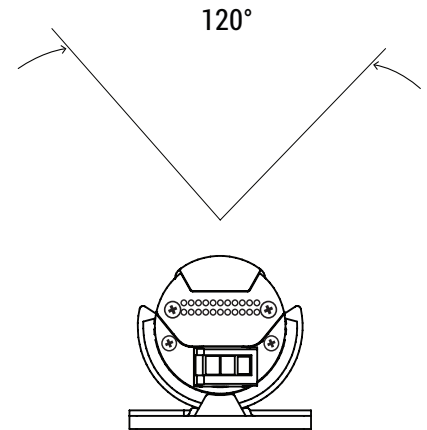
EC-DIM10	- 5-pin for 0-10V dimming
EC-DIMELV	- 3-pin for ELV

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Distribution

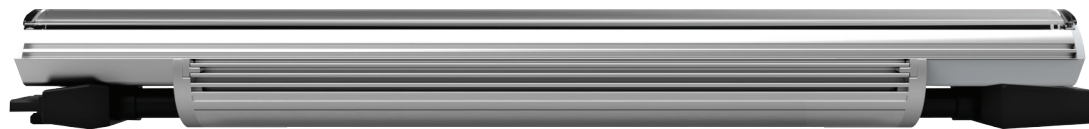


120° X 120°

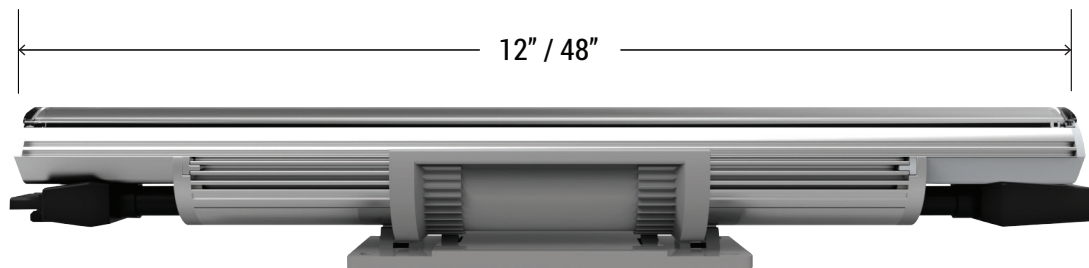
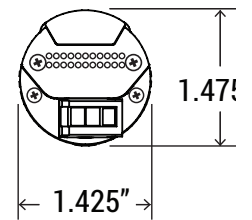


120° X 120°

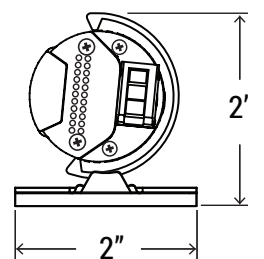
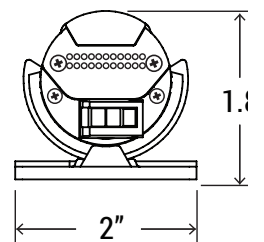
Dimensions (For complete dimensions and submittal drawings, please consult factory for more information)



Side View (No Mounting)



Side View (With Mounting)



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Photometry (For complete list of IES files, please consult factory for more information)

1-LSC1-550LP-DIMTR-120-120X120D-30K-90-CL-SI

TEST NO.: EL0217146

INPUT WATTS: **5.8**

LUMENS:516

CRI: **90**

EFFICACY: **89**

CCT: **3000K**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)

