

# LED Linear Linkable Light-2

## Indoor Linear Linkable Light



IP20



### OVERVIEW

Lumen Output Range	4720 - 9450
Wattage Range	40W -70W
Efficacy Range (LPW)	118 -135
Weight lbs (kg)	3.9(1.75)-7.3(3.3)

### QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

## FEATURES & SPECIFICATIONS

### Construction

- Rugged die-cast aluminum housing for maximum durability and reliability.
- IP20 rated luminaire protects integral components.
- Shipping weight: 3.9 lbs to 7.3 lbs in carton.

### Optical System

- Premium engineered IP20 rated acrylic optic assemblies deliver 130degree distributions.
- Available in 5000k, 4000k and 3000k color selectable temperatures per.
- Minimum CRI of 84.

### Electrical

- High-performance driver features short circuit and over temperature protection with integral surge protection (2KV).
- 0-10V dimming (0% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.
- Total harmonic distortion: <10%
- Operating temperature: -35°C to +45°C (-95°F to +113°F).

- Power factor: >0.90
- Input power stays constant over life.
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.

### Controls

- Motion sensor
- PIR sensor
- Power selectable
- Emergency Driver

### Installation

- Mounting method ships together and can be installed quickly.
- Wiring leads extended out of the main housing eliminating the need of opening the luminaire electrical chamber.

### Warranty

- luminaires carry a 5-year limited warranty. Complete warranty terms are located on our website.

### Listings

- Listed to UL.
- Suitable for wet Locations.
- DesignLights Consortium® (DLC) qualified product.

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## ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: **4 LLS 2 LED CCT 40W UNV DIM WHT**

Luminaire Length	Luminaire Prefix	Light Source	Power&Lumen	Color Temp
4-4ft 8-8ft	LLS2 - Linear Linkable Light-2	LED	40 - 4720-5300 lms 70 - 8200-9450 lms	CCT - CCT selectable
Voltage	Driver	Finish	Controls (Choose One)	
UNV - Universal Voltage (120-277V) 480 - High Power (277-480V)	DIM - 0-10V Dimming(0-100%)	WHT - White Option - Cutome Color		

## PERFORMANCE

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DELIVERED LUMENS*											
Wattage	Distribution	CRI	5000K			4000K			3000K		
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating
40w	130degree	84	5175.9	135.46	<30	5237.5	137.76	<30	4735.5	123.71	<30
70w	130degree	85	9055.4	127.92	<30	9196.4	131.1	<30	8232.1	117.22	<30

\*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*				
Wattage	120V	208V	240V	277V
40w	0.33	0.19	0.17	0.14
70w	0.58	0.34	0.29	0.25

\*Electrical data at 25C (77F). Actual wattage may differ by +/-0.3%.

RECOMMENDED LUMEN MAINTENANCE (4L-9L)					
Ambient Temperature °C	CInitial <sup>2</sup>	3K hrs. <sup>2</sup>	5K hrs. <sup>3</sup>	7K hrs. <sup>3</sup>	10K hrs. <sup>3</sup>
1C-85C	100%	99.48%	98.98%	98.60%	98.17%

1 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.

2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

3 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing times the IESNA LM-80-08 total test duration for the device under testing.



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## PHOTOMETRICS

Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

### LLS2 40W

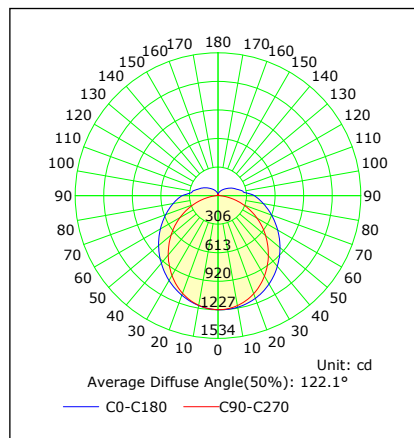
#### LUMINAIRE DATA

130degree Distribution	
Description	3000 Kelvin, 84 CRI
Delivered Lumens	4,735
Watts	40
Efficacy	118
IES Type	130degree
BUG Rating	

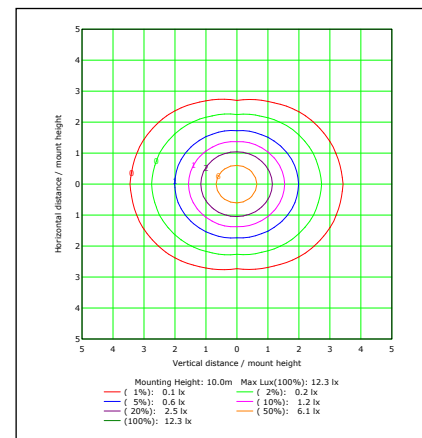
#### Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	963.70	20.40%
Medium (0-60)°	2,853.90	60.30%
High (60-90)°	1,259.00	26.60%
Very High (90-120)°	924.10	19.50%
Uplight (90-120)°	0	0%
Total Flux	4,735.30	100%

#### Luminous Intensity Distribution Curve



#### ISO FOOTCANDLE



### LLS2 70W

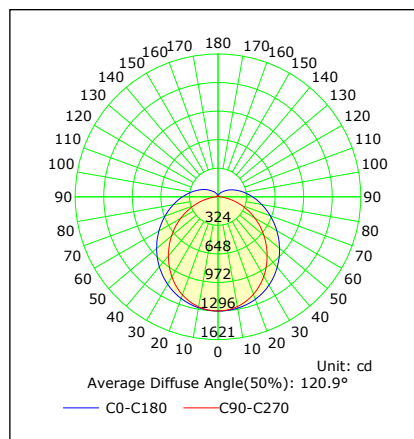
#### LUMINAIRE DATA

130degree Distribution	
Description	3000 Kelvin, 85CRI
Delivered Lumens	4,735
Watts	40
Efficacy	118
IES Type	130degree
BUG Rating	

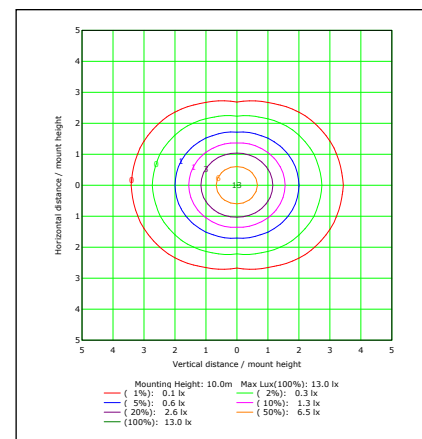
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#### Luminous Intensity Distribution Curve



#### ISO FOOTCANDLE



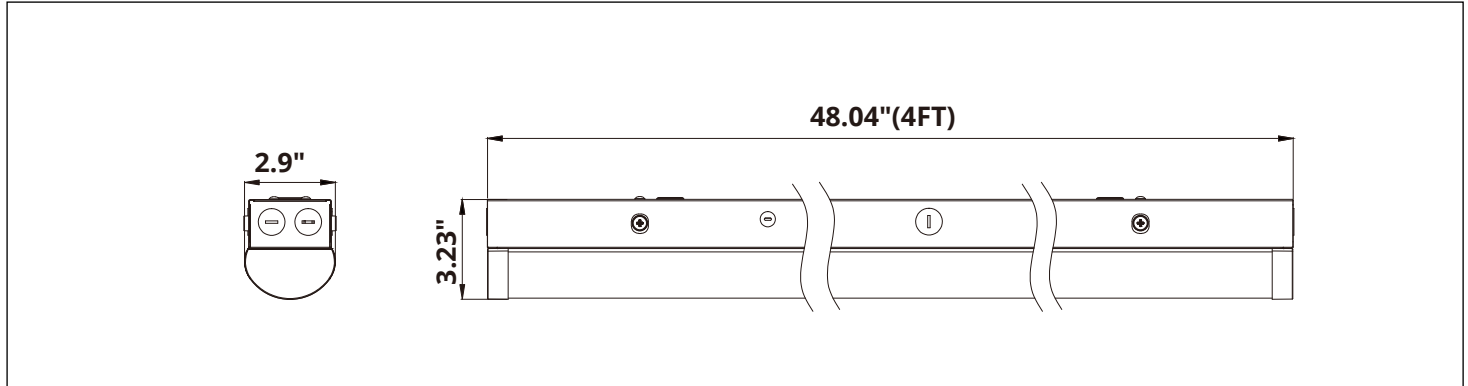
Remark: The goniophotometer results of 70w were represented by 40w, by same section construction and size, just different in length.

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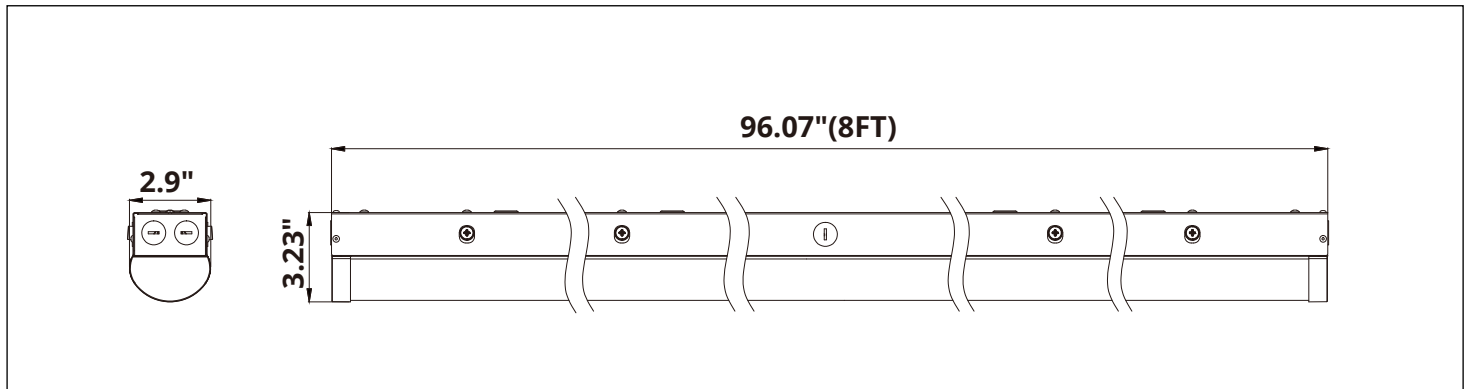
## PRODUCT DIMENSIONS

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### 40W



### 70W



## MOUNTING AND ACCESSORIES

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## PACKAGE

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Power	Items	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
40w	Outer box	49.2x10.2x7.9 inch	6 PC	3.9 lbs	27 lbs
70w	Outer box	97.2x10.2x7.9 inch	6 PC	7.3 lbs	55.3 lbs

Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .