

# LU2080 Series

## LED Linear Canopy Lighting



### Advantages of LU Series

- IP67 rated tri-proof (dust, vapor & water-proof) LED canopy light
- High efficacy fixture up to 170 lm / W
- Flexible wattages and lengths ranging from 20 ~ 120 Watt
- Robust design with extruded billet aluminum housing and hard UV coated polycarbonate lens & end-caps delivering an outstanding IK10 impact rating
- Glare free 155° wide angle optics reducing fixture count by up to 25%
- Lightweight design with accessible junction box for simplified installation
- 80CRI for exceptional color rendition
- Optional smart motion sensing with soft dimming function
- Optional all-inclusive emergency battery backup system 10 Watt / 90 minutes
- Versatile mounting options for all types of applications
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA



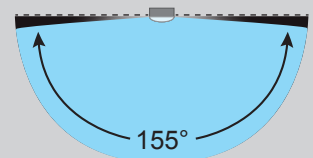
Years Warranty



Wet Location



Impact Resistance



Wide Angle Optics

### Applications

- Gas stations
- Convenience Store
- Building Overhangs
- Entry Canopy
- Walkway Canopy

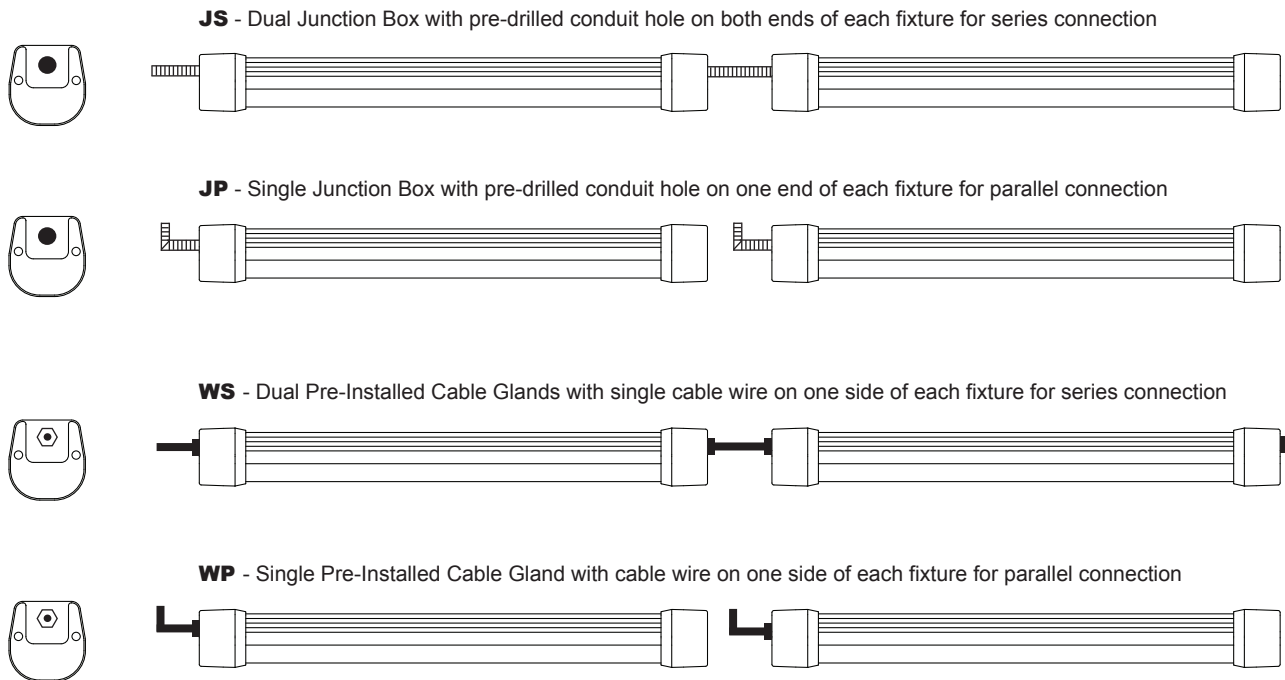
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## LED Linear Canopy Lighting

### Mounting Options



### Wiring Options



# LU2080 Series

## LED Linear Canopy Lighting - 80Watt

### Ordering Information

LU	Length & Wattage *	Wiring **	Optics	CCT	Driver & Control	Mounting ***
	0720 = 74cm / 29" / 20Watt 1040 = 111cm / 44" / 40Watt 1E40 = 111cm / 44" / 40/10Watt 1060 = 111cm / 44" / 60Watt 1E60 = 111cm / 44" / 60/10Watt 2080 = 211cm / 83" / 80Watt 2120 = 211cm / 83" / 120watt	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable MS = Motion Sensor	SMH = Surface Mount

\* LU1E emergency battery back up is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery, indicator and test switch.

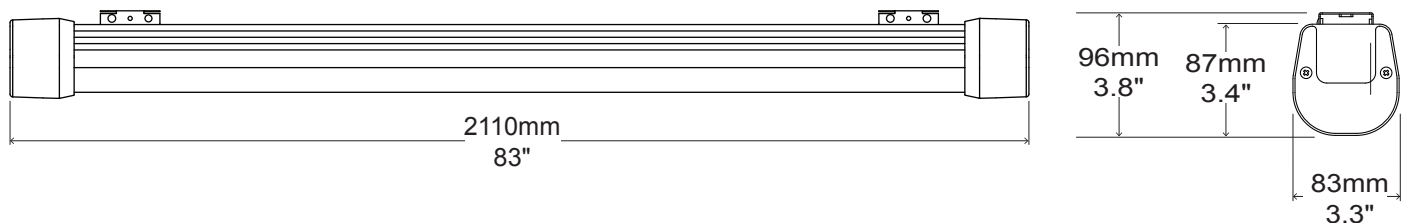
\*\* When ordering JS or JP Wiring options, please specify required conduit hole diameter.

\*\*\* Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

### Example

Part Number	Part Description
LU2080-JSFL-50DM-SMH	LED Canopy Light / 211cm - 83" / 80Watt / 100-277VAC / J-Box in Series / Frosted Long / 5000K Cool White / Dimmable / Surface Mount

### External Dimensions



### Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs



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## LED Linear Canopy Lighting - 80Watt

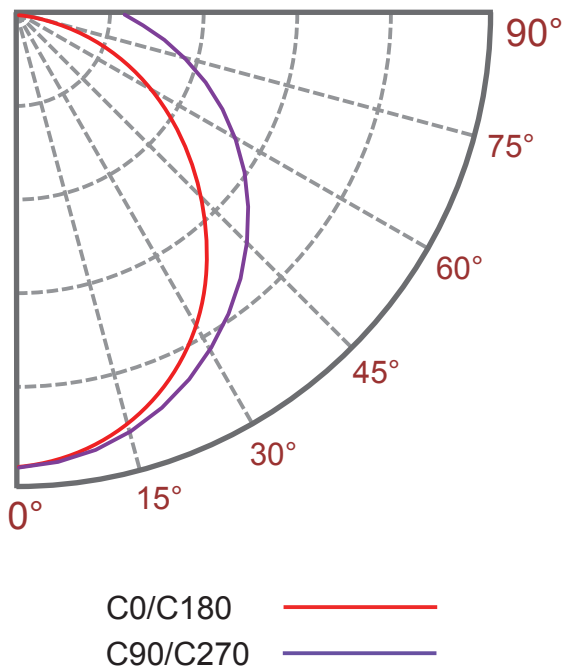
### Specification - Clear Medium

Fixture Watts *	80 W
Lumens (Total) *	13,600 lm
Efficacy *	170 lm / W
Number of LEDs & Driving Current	416@65mA
T <sub>s</sub> - Solder Point Temp *	53°C / 127°F
L70 Rating @ T <sub>a</sub> 25°C	>100K hours
Light Beam Angle	155° @ 80% Flux
Operational Temperature (T <sub>a</sub> )	-40° ~ 55°C / -40° ~ 131°F
Input Voltage	100-277VAC 50~60Hz
LED Model	Lumileds / Nichia / Cree
CRI	>80
Lighting Control	Dimmable (0-10V, PWM) / Motion Sensor
Warranty	7-Year Limited
Storage Temperature / Humidity	-40° ~ 80°C / -40° ~ 176°F / IP67 Rated Fixture
Transient Surge Protection	6kV / 3kA ( L-L, L-G )

\* Test data @ T<sub>a</sub> 25°C. All lumen values have ±7% tolerance

\*\*LU1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive inverter, indicator, and test switch.

### Light Distribution Curve



### Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	3044	22.4%
0-60	8878	65.3%
0-90	12424	91.4%
0-120	13434	98.8%
0-150	13586	99.9%
0-180	13600	100%

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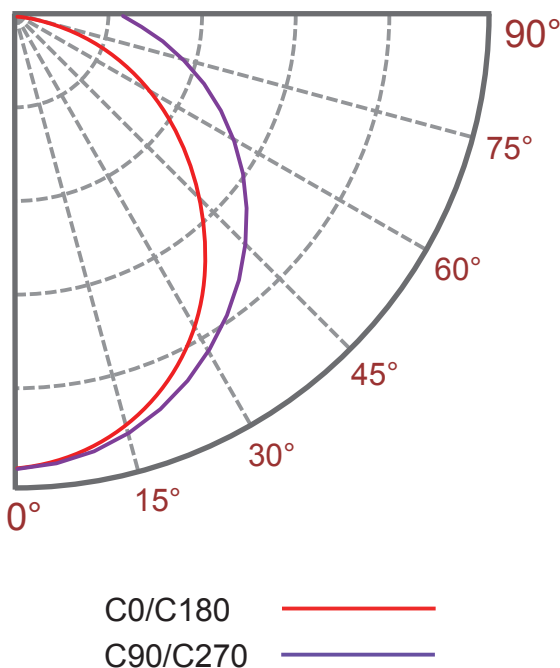
### Specification - Frosted Long

Fixture Watts *	80 W
Lumens (Total) *	12,480 lm
Efficacy *	156 lm / W
Number of LEDs & Driving Current	416@65mA
T <sub>s</sub> - Solder Point Temp *	55°C / 131°F
L70 Rating @ T <sub>a</sub> 25°C	>100K hours
Light Beam Angle	155° @ 80% Flux
Operational Temperature (T <sub>a</sub> )	-40° ~ 55°C / -40° ~ 131°F
Input Voltage	100-277VAC 50~60Hz
LED Model	Lumileds / Nichia / Cree
CRI	>80
Lighting Control	Dimmable (0-10V, PWM) / Motion Sensor
Warranty	7-Year Limited
Storage Temperature / Humidity	-40° ~ 80°C / -40° ~ 176°F / IP67 Rated Fixture
Transient Surge Protection	6kV / 3kA ( L-L, L-G )

\* Test data @ T<sub>a</sub> 25°C. All lumen values have ±7% tolerance

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### Light Distribution Curve



### Zonal Lumen Summary

Zone (°)	Lumens	% Fixture
0-30	2794	22.4%
0-60	8146	65.3%
0-90	11402	91.4%
0-120	12328	98.8%
0-150	12468	99.9%
0-180	12480	100%