

plano **ARCH** ECO  
**LUXA | Lara**  
Product Data Sheet

**CONTRACTOR-GRADE**

**Architectural Linear**



3-WATTselect



5-CCTselect



continuARUN

**Product Overview**

**INTENDED USE:** The LARA-series architectural linear LED fixture is a versatile lighting solution designed for a wide range of commercial and residential applications.

Perfectly blends into any commercial lobby/office space, retail showrooms & hospitality suites, or any high-end residential interiors.

**CONSTRUCTION:** The fixture utilizes a strong iron housing for its core structure, making it the ideal fixture for high-traffic areas. In most suspended applications, the LARA offers minimal flex compared to other materials, ensuring the fixture maintains perfectly straight lines of light without sagging.

**OPTICS:** The heart of this fixture's exceptional light quality lies in its custom-designed diffuser. This diffuser is extruded from a high transmission white acrylic material formulated specifically for this application.

**ELECTRICAL:** The light engine comprises long-lasting, energy-efficient LEDs mounted on an internal aluminum heat sink. This setup improves heat dissipation and extends the product's lifespan. These LEDs maintain 90% of their light output even after 50,000 hours of continuous operation. 900W max @ 120VAC and 2075W max @ 277VAC.

**WARRANTY:** With a standard 5-Year/50,000hrs warranty, the LARA is built to last. This fixture is a reliable and cost-effective solution for a wide range of indoor applications.

**ARCHIPELAGO** luminaires and LED components undergo rigorous testing by an independent laboratory to meet IESNA LM-79 and LM-80 standards for light output and lumen maintenance. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Project Details**

Project Name: \_\_\_\_\_ Project Number: \_\_\_\_\_

Fixture Schedule: \_\_\_\_\_ Notes: \_\_\_\_\_

**Applications**



Warehouse



Industrial



Gym



Retail

**Main Features**

- **Adjustable Direct/Indirect Illumination:** Fine-tune the light distribution between downward task lighting and upward ambient light for a customized lighting experience.
- **General Lighting:** Provides an even illumination for the entire space.
- **Immaculate Linear Design:** Strong iron housing ensures clean lines and a high-quality look.
- **Selectable Power & Color Temperature:** Choose from 3 wattage options (3-Way WATTselect) and a wide range of color temperatures (5-Way CCTselect) to perfectly match your project's needs.
- **Ultra-Thin Profile:** A sleek 2-inch wide by 3-inch high profile makes a modern statement without sacrificing light quality.
- **Uniform Light Diffusion:** Custom formulated high diffusion lens ensures smooth, even light distribution.
- **Glare-Free Comfort:** Matte polyester powder coating finish minimizes glare and eye strain.
- **Dimmable to Perfection:** Dim smoothly down to 1% using compatible 0-10V dimming controls for precise light level control.

**Product Warranty\***

5-Year Warranty



50,000 Hrs



\* Standard warranty. Extended warranty available.

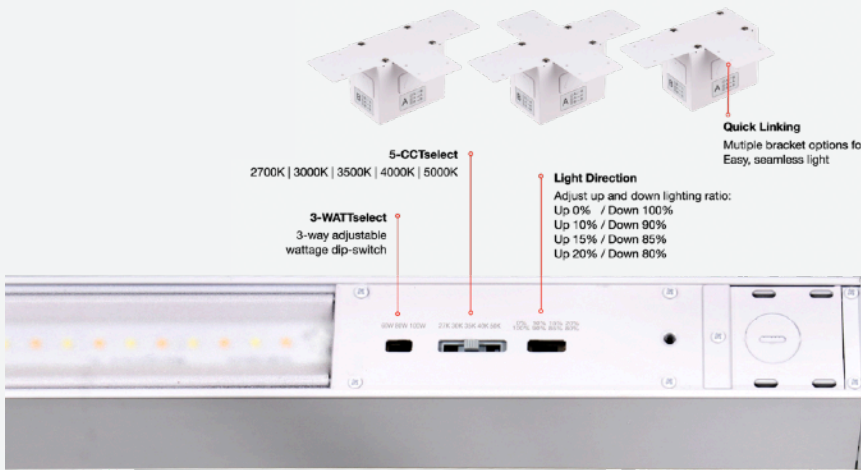
Highlights

Key Specifications

Features	Description
3-WATTselect	Wattage selectable: 3-way dip-switch
5-CCTselect	CCT selectable: 5-way dip-switch
continu@RUN	Seamless joiner system enables continuous runs up to 900W max @ 120VAC and 2075W max @ 277VAC with custom configurations
direct@IM	60-way lighting distribution control: 100% down to 20% up with field-adjustable ratios via DIP switch
DampGuard	Damp location rated construction ensures reliable performance in moisture-prone environments

- LED Chip: Lumileds SMD2835, LM80, IP-Protected
- Lightweight Frame: Iron
- Operating Temp: -4°F – 113°F
- IP: IP40 Indoor Damp Location
- Input Voltage: 120-277V
- PF: >0.9 Non-Flicker
- Efficacy: Up to 156LM/W
- Dimming: 0-10V
- THD: <15%
- CRI: >80

Certifications



Model Specifications

Model	Length	WATTselect	Pendant: 20% UP/80% DOWN		Pendant: 100% DOWN		CCTselect	Voltage
			Lumen Output	Efficacy	Lumen Output	Efficacy		
LUXA2	2FT	10W / 15W / 20W /	Up to 1,040LM / Up to 1,560LM / Up to 2,500LM *	Up to 156LM/W	1,300LM / 1,950LM / 3,120LM *	Up to 156LM/W	2700K / 3000K / 3500K / 4000K / 5000K *	120-277V
LUXA4	4FT	22W / 30W / 40W /	Up to 2,500LM / Up to 3,300LM / Up to 4,160LM *	Up to 138LM/W	3,120LM / 4,160LM / 5,200LM *	Up to 138LM/W		
LUXA8	8FT	60W / 70W / 80W /	Up to 6,600LM / Up to 7,800LM / Up to 9,460LM *	Up to 146LM/W	8,320LM / 9,750LM / 11,700LM *	Up to 146LM/W		







• Notes:  
\* Default factory setting

1. All models feature direct@IM™ 60-way lighting distribution control
2. continu@RUN joiner system enables runs up to 900W max @ 120VAC and 2075W max @ 277VAC

Ordering Guide<sup>1</sup>

Model Series	Length	Watt [W]	CCTselect [K]	Voltage [V]	Series	Finish
<b>LUXA</b> Architectural Linear	<b>2</b> QuickShip 2FT Linear	<b>3W20</b> QuickShip 10W   15W   20W	<b>5CS</b> QuickShip 2700K   3000K   3500K   4000K   5000K 5-CCTselect for diffuser	<b>U</b> QuickShip 120 – 277V	<b>LARA</b> QuickShip Lara Series	<b>B</b> QuickShip Black
	<b>4</b> QuickShip 4FT Linear	<b>3W40</b> QuickShip 22W   30W   40W				<b>W</b> QuickShip White
	<b>8</b> QuickShip 8FT Linear	<b>3W80</b> QuickShip 60W   70W   80W				
CATALOG #:						
LUXA			5CS	U	LARA	







Accessory Guide

constANT   Emergency Battery Backup	contrALS   Sensors, Controllers & Switch
<b>EM15</b> QuickShip 15W EMB   Remote Installation 	<b>MSP-20CM-ACS</b> Made to Order Sensor By ACS   20FT 
<b>EM24-JBM</b> QuickShip 24W EMB w/ J-Box for Recessed Mounting 	<b>MSP-40CM-ACS</b> Made to Order Sensor By ACS   40FT 
	<b>MSX-LV20-ACS</b> Made to Order Controller By ACS   Power Pack 
	<b>50WM-ACS</b> Made to Order Kinetic Switch By ACS 
ACCESSORIES #:	

Joiners

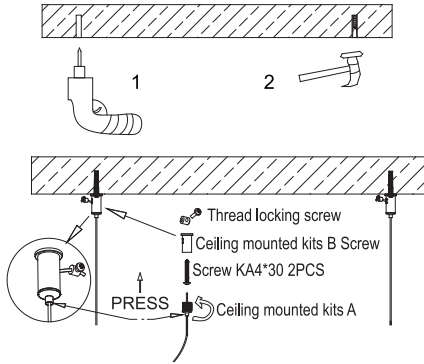
Non-Lit Joiners	
<b>NL-SLJ</b> QuickShip Straight line Joiner 	
<b>NL-LJ</b> Made to Order L-Joiner 	
<b>NL-TJ</b> Made to Order T-Joiner 	
<b>NL-XJ</b> QuickShip X-Joiner 	
JOINERS #:	

Pendants

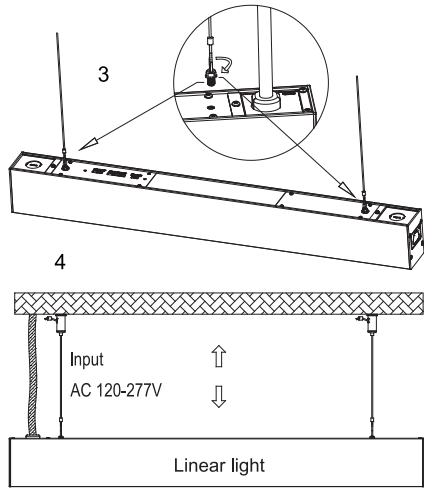
Canopy	
<b>NPC/B</b> QuickShip Non-Power Canopy   Black 	
<b>NPC/W</b> QuickShip Non-Power Canopy   White 	
<b>PC/B</b> QuickShip Power Canopy   900W Max   Black 	
<b>PC/W</b> QuickShip Power Canopy   900W Max   White 	
<b>SMC/B</b> QuickShip Surface Mount Canopy   Black 	
<b>SMC/W</b> QuickShip Surface Mount Canopy   White 	
MOUNTING #:	

### Install, Easily

1. Drill 2 holes
2. Tap the wall anchors into hole.



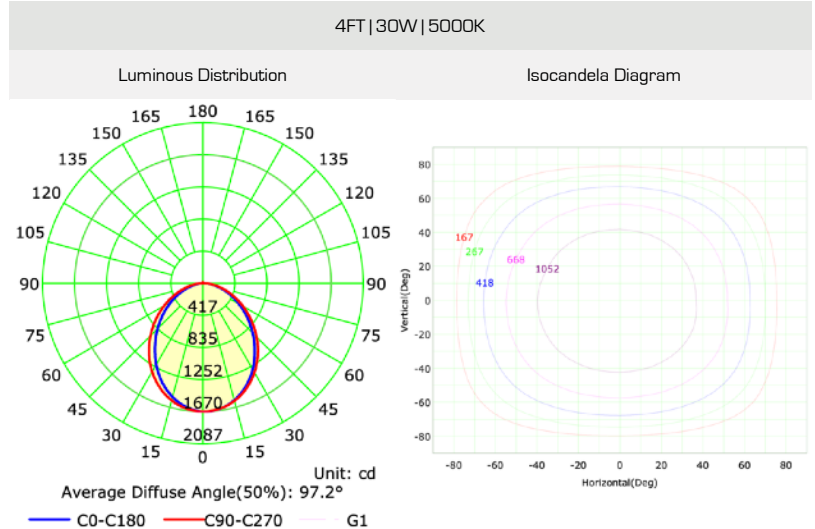
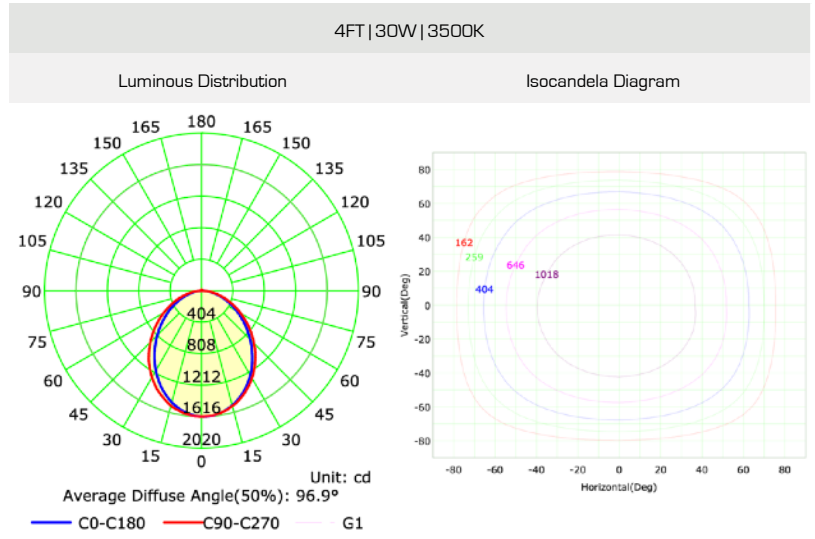
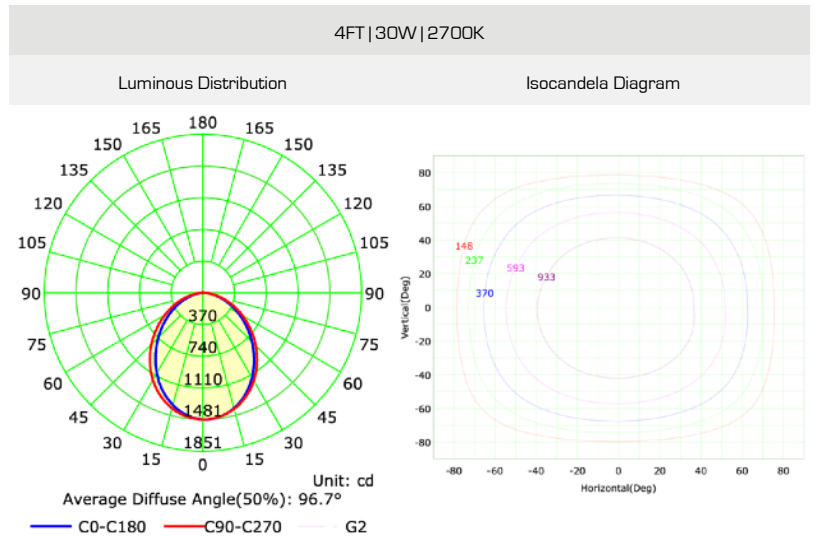
3. Thread stainless cable into hole by pushing cylindrical thread locker in the direction of the arrow shown.
4. Adjust the height through the cable locker.



### Physical Features

Selectable Wattage + CCT	<ul style="list-style-type: none"> <li>Built-in driver-based microprocessor is programmed to deliver consistent power output and precise color temperature. This level of precision allows us to provide project-based custom CCT panels.</li> </ul>
Efficient Heat Dissipation	<ul style="list-style-type: none"> <li>SMD chip printing is engineered for optimum passive heat dissipation to provide longer lifespan and ensure minimum light decay.</li> </ul>
Intelligent Driver	<ul style="list-style-type: none"> <li>Uniquely intelligent and reliable, the driver is engineered from the ground up to provide integrated safety features such as short-circuit, overload protection, low-voltage prevention, non-stroboscopic, and high efficiency electrical conversion (PF&gt;0.9). It is completely insulated from the structure of the panel to ensure isolated thermal effects from prolonged use.</li> </ul>

### Photometrics



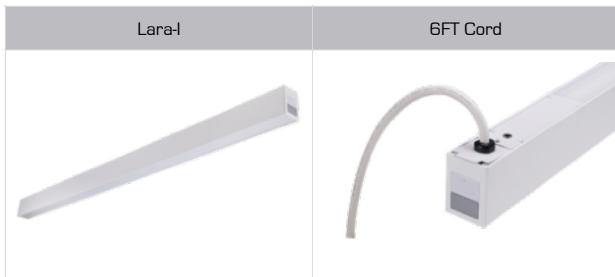
**Sizing & Measurements**

Model Series	Width (in)	Height (in)	Depth (in)	Net Weight (lb)	Carton Qty	Dimensions
LUXA2	23.6"±0.2	2.95"±0.12	1.96"±0.12	3.52	12	
LUXA4	47.9"±0.2	2.95"±0.12	1.96"±0.12	5.94	6	
LUXA8	95.9"±0.2	2.95"±0.12	1.96"±0.12	11.6	6	

**Compatible Accessories: Joiners & Pendants**

Ordering Code	Model No.	Description
<b>NL-SLJ</b>	LUXA-LARA1/NL-SLJ	Accessory   Lara-I   Straight Joiner + Bracket
<b>NL-LJ/W</b>	LUXA-LARA1/NL-LJ/W	Accessory   Lara-I   Non-Lit   L-Joiner   White
<b>NL-TJ/W</b>	LUXA-LARA1/NL-TJ/W	Accessory   Lara-I   Non-Lit   T-Joiner   White
<b>NL-XJ/W</b>	LUXA-LARA1/NL-XJ/W	Accessory   Lara-I   Non-Lit   X-Joiner   White
<b>NPC/B</b>	LUXA-LARA1/NPC/B	Accessory   Lara-I   Non-Power Suspension Canopy   Black
<b>NPC/W</b>	LUXA-LARA1/NPC/W	Accessory   Lara-I   Non-Power Suspension Canopy   White
<b>PC/B</b>	LUXA-LARA1/PC/B	Accessory   Lara-I   Power Suspension Canopy   900W Max   Black
<b>PC/W</b>	LUXA-LARA1/PC/W	Accessory   Lara-I   Power Suspension Canopy   900W Max   White
<b>SMC/B</b>	LUXA-LARA1/SMC/B	Accessory   Lara-I   Surface Mount Canopy   Black
<b>SMC/W</b>	LUXA-LARA1/SMC/W	Accessory   Lara-I   Surface Mount Canopy   White

**What is in the Box?**



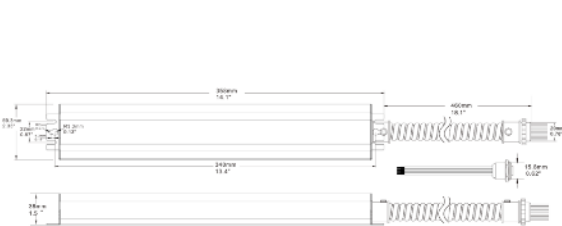
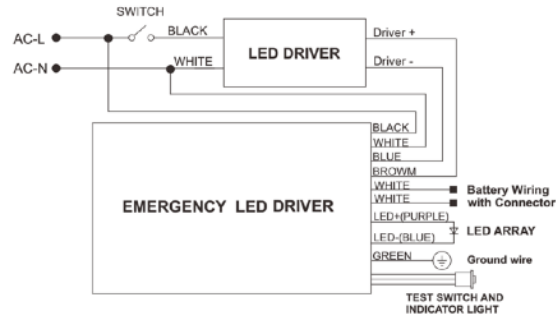
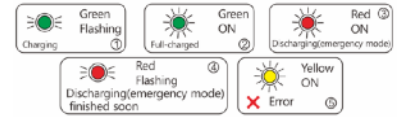
**constANT | Field-Install**

**MAXIMUM FLEXIBILITY FOR RETROFIT AND CUSTOM APPLICATIONS**

constANT Field-Install emergency battery backups deliver professional-grade performance with on-site installation flexibility.

Designed for retrofit projects, tenant improvements, and applications requiring custom mounting configurations. Certified electricians can adapt these external units to virtually any fixture type while maintaining full code compliance and optimal performance.

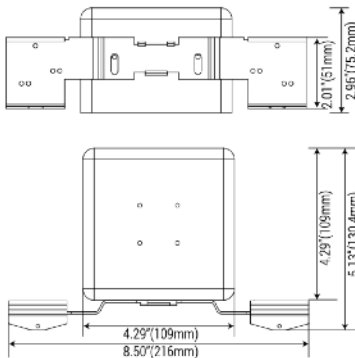
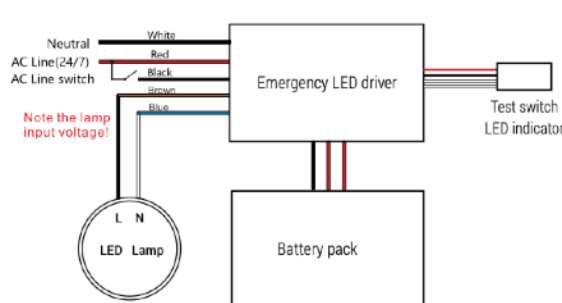
MID-POWER									
Ordering Code	Model		Input Voltage	Output Voltage	Output Power	Cold Temp	Extended	Network	Application
EM15	EM15-HMB/170DC		100-347Vac	170Vdc	15W	No	No	No	All

**Dimension:**

**Wiring Diagram:**

**Test Button Indicators:**

**constANT | Quick-Install**

**RAPID DEPLOYMENT FOR REMOTE MOUNTING APPLICATIONS**

constANT Quick-Install emergency battery backups feature integrated J-Box mounting for fast, cost-effective remote installation. Perfect for projects requiring separate battery placement, ceiling-mounted emergency systems, or quick turnaround timelines. Pre-wired J-Box configurations eliminate complex wiring while reducing labor costs and installation time.

MID-POWER									
Ordering Code	Model		Input Voltage	Output Voltage	Output Power	Cold Temp	Extended	Network	Application
EM24-JBM	CRCU-EM24/JBM		120Vac	190Vdc	24W	No	No	No	planoARCH

**Dimension:**

**Wiring Diagram:**


contrALS by ACS



**DLC-QUALIFIED NETWORKED LIGHTING CONTROLS WITH SAAS CAPABILITIES**

contrALS by ACS delivers professional-grade networked lighting control with cloud-based management, energy analytics, and utility rebate qualification. Purpose-built for mid-size commercial and industrial facilities seeking measurable ROI and operational intelligence.

OCCUPANCY SENSOR									
Ordering Code	Model		Commissioning	Input Voltage	Technology	Max Mount	IP Rating	Certification	Application
MSP-20CM-ACS	MSP-SRI/20CM/HD/ACS		Bluetooth	120-277Vac	PIR   Wide Angle	8FT	IP20	UL	Ceiling Mount
MSP-40CM-ACS	MSP-SRI/40CM/HD/ACS		Bluetooth	120-277Vac	PIR   Wide Angle	40FT	IP20	UL	Ceiling Mount
CONTROLLER									
Ordering Code	Model		Commissioning	Input Voltage	Technology	Max Distance	IP Rating	Certification	Application
MSX-LV20-ACS	MSX-CTI/LV20/ACS		Bluetooth	120-277Vac	Bluetooth Mesh	100FT	IP20	UL	J-box Mount
WALL SWITCH									
Ordering Code	Model		Commissioning	Input Voltage	Technology	Max Distance	IP Rating	Certification	Application
50WM-ACS	MSZ-KPI/50WM/ACS		Bluetooth	Kinetic Switch	Bluetooth Mesh	100FT	IP20	UL	Wall Mount

	OCCUPANCY SENSOR		CONTROLLER		WALL SWITCH
	MSP-SRI/20CM/HD/ACS	MSP-SRI/40CM/HD/ACS	MSX-CTI/LV20/ACS		MSZ-KPI/50WM/ACS
Dimension:					

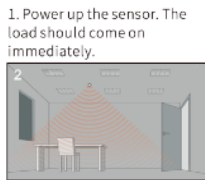
**ACS System Diagram:**



Aisle/Corridor application:  
Split the lens cover into aisle type.

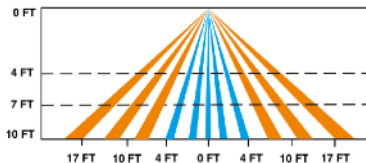
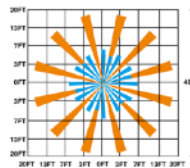
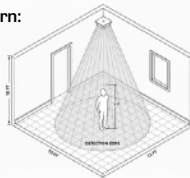


Semi-sphere application:  
Split the lens cover into Semi-circle type.



1. Power up the sensor. The load should come on immediately.
2. Vacate the room or remain very still and wait for the load to switch off.
3. Enter the room or make some movement and check that the load switches on.

**Detection Pattern:**



contrALS by ACS  
Scan the QR code to download the ACS app:

