

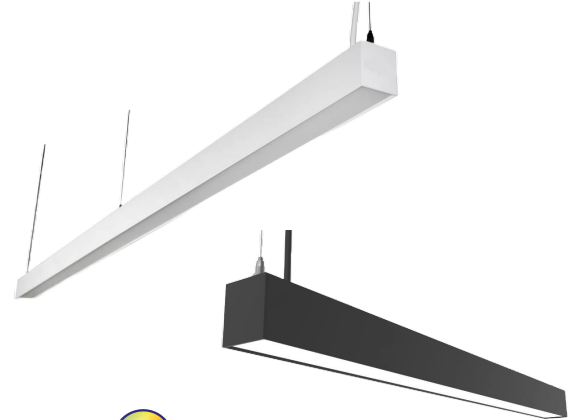


LED ARCHITECTURAL LINEAR

Project:	
Type:	
Note:	

DESCRIPTION

The Starco SLLA LED Architectural Linear Light is a sleek and modern lighting solution designed for commercial and architectural applications. With its slim profile and customizable lengths, the SLLA offers uniform, high-quality illumination ideal for office spaces, retail environments, and public areas. Its energy-efficient LED technology provides both direct and indirect lighting options, ensuring optimal performance while reducing power consumption. The fixture is available in a variety of color temperatures and dimming capabilities, allowing for seamless integration into any lighting design. Durable and versatile, the SLLA enhances the aesthetics and functionality of any space.



SPECIFICATION FEATURES

Construction & Materials

- Extruded aluminum maximizes LED lifetime and optimal performance
- Light weight design allows for a less obtrusive installation
- Customized length up to 56ft

Electrical System

- High efficiency driver
- Input Voltage: 120-277V, 347V/480V optional, 50/60Hz
- Operating Temperature: -20°C (-4°F) to 40°C (104°F)
- 0-10V Continuous dimming
- Power Factor: >0.90
- Total Harmonic Distortion: <15%

Optical System

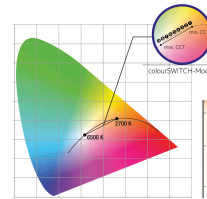
- High impact polycarbonate optics provides even distribution
- Frosted lens provides maximum glare reduction

LED

- CRI: 80/90
- Color Tunable 2700K to 5000K
- Calculated L₇₀ Lifetime: 306,000 hours @25°C
- Reported L₃₀ Lifetime: 89,000 hours @25°C

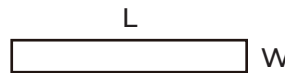
Warranty

- 10 Years



DR Dynamic Range 3000K to 5000K

DIMENSION



Model	L	W	H
2ft	23.86"	2.7"/2.3"	3.15"
4ft	47.48"	2.7"/2.3"	3.15"
8ft	94.72"	2.7"/2.3"	3.15"



ORDER INFORMATION

SLLA LED ARCHITECTURAL LINEAR

Example: SLLA-12-4-DR-80-TD-SE-BL-U-27-D-DN

SLLA	Total Length	Max Section Length	CCT	CRI	Driver	Efficacy	Color
SLLA =LED Architectural Linear	2=2ft 4=4ft 6=6ft 8=8ft 10=10ft ... <i>Max 7 luminaire row length in 2'/4'/8' increments. Max. 56ft</i>	2=2ft 4=4ft 8=8ft	27=3000K 30=3000K 35=3500K 40=4000K 50=5000K CS=CCT Selectable 2700K-5000K DR=Dynamic Color Tunable Range	80=80CRI 90=90CRI	SD=Standard Driver CCT Selectable, 0-10V Dim TD= Wireless BLE Tunable Driver	SE=Standard Efficacy 130 LPW HE=High Efficacy 150 LPW	BL=Black SL=Silver WH=White CS=Custom Color
Voltage	Width	Dimming	Direction				
U=120-277V H=120-347V	23=2.3" 27=2.7"	O=No Dimming D=0-10V Dimming	DI=100% Directional IN=100% Indirectional DN=50% Directional & 50% Indirectional				

Accessories

Wireless Accessories

Sensors

CAP=AC powered wireless PIR motion & light sensor
CAM=AC powered wireless microwave motion & light sensor
CYC=DC powered dual channel PIR motion & light sensor

Switches

CAI=AC powered interface for push, toggle and rotary switches
CIV=Wireless 4 button switch
CTV=Wireless 5 button switch
RTS=Wireless 8 function Rotary Switch

Gateway & Extenders

WLUNE=Beacon & range extender
ENORE=Gateway with ethernet & RTC

Emergency Inverters

EMDW-10=10W Emergency Inverter Wireless Pack
EMDW-20=20W Emergency Inverter Wireless Pack

Standard Accessories

Emergency Inverters

EMD-10=10W Emergency Inverter Pack
EMD-20=20W Emergency Inverter Pack

Dimmers

LVDC-A019=Rotary 0-10V Dimmer

Kits

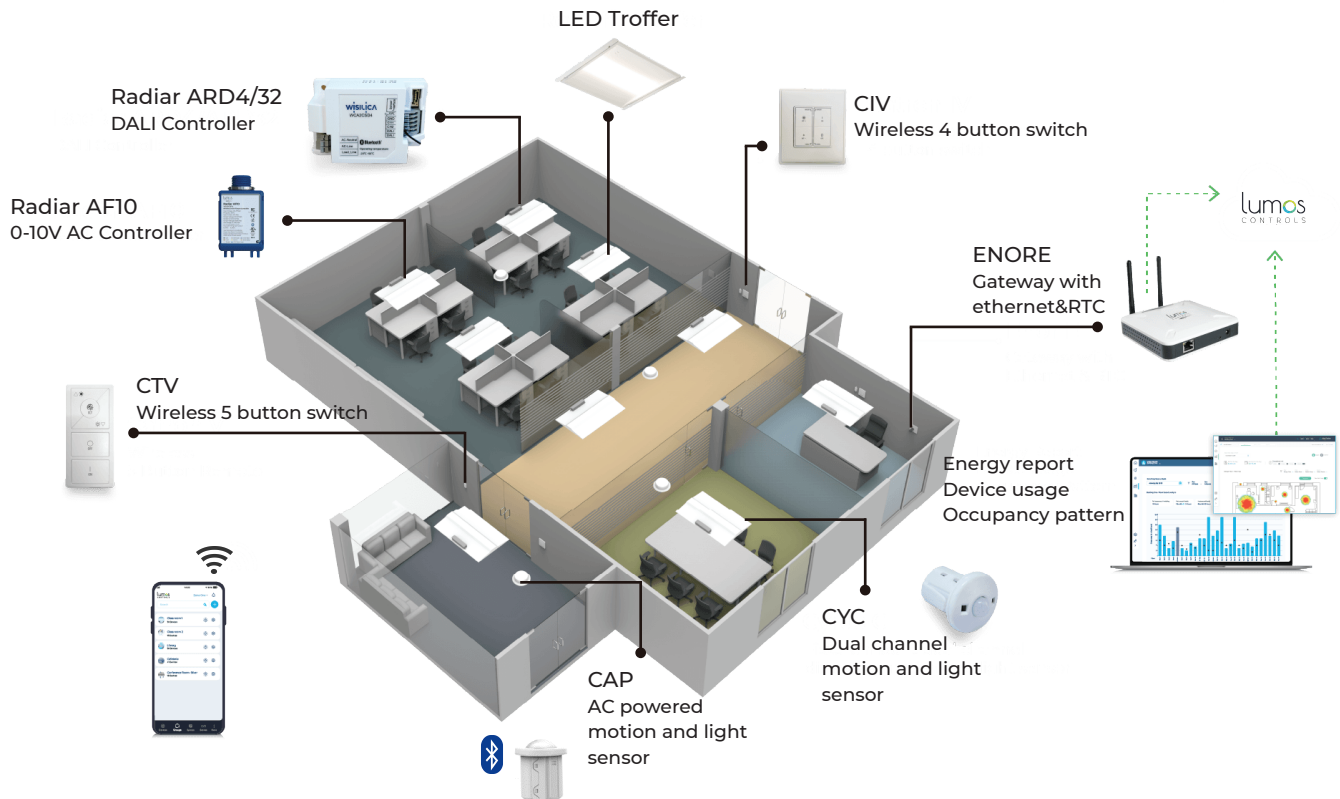
DWPK=Dry Wall Pendant Mount Kit
TPK=T-Grid Pendant Mount Kit
HCK=Hard Ceiling Pendant Mount Kit
SK=Surface Mount Kit
WK=Wall Mount Kit
RK=Recessed Mount Kit
LB=Link Bracket
PCL=PC Frosted Lens
BL=Batwing Frosted Lens
LL=Louver Lens

Emergency Battery Pack Options - Field Installable

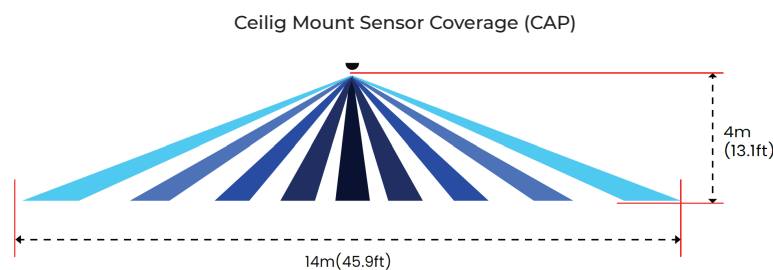
Battery Model Number	Wattage	Runtime(minutes)	Lumen Output	Other
EMD(W)-10	10W	90	1300-1500	Self Diagnostic
EMD(W)-20	20W	90	2600-3000	Self Diagnostic

How does the control platform works?

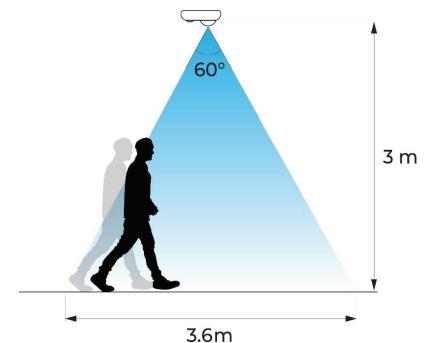
1. Install the SLLP troffers with integrated smart sensor or wireless driver
2. Install the wireless self-powered wall switches
3. With Lumos app, pair the troffers with the wall switches and any additional stand-alone sensors
4. Customize the sensor settings and fixture schedules as needed



Sensor Coverage



Fixture Sensor Coverage (CYC)

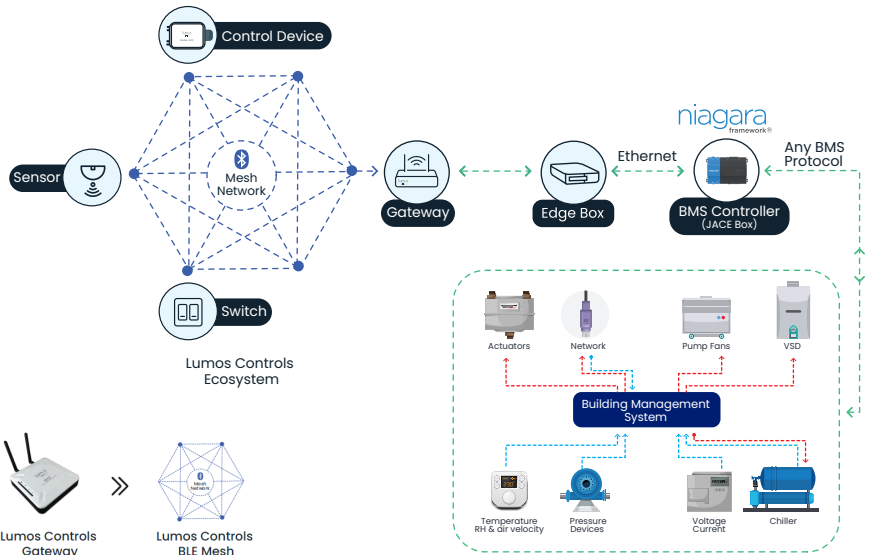


Bluetooth Mesh Features

- **Communication Performance** - Flood management protocols along with optimized communication strategies enable high reliability and performance within the mesh network and to edge interface devices like mobile and web UI.
- **Update Performance** - Unique advertisement based update mechanisms capable of securely updating thousands of devices simultaneously in a couple hours while maintain reliable functionality and performance of the mesh network.
- **Security** - Multi-level security achieved using different keys for device commissioning, communicating within mesh and cloud communication.
- **Time synchronization** - Cloud or real time clock centralized devices provide most cost-effective and reliable time clock management to maintain proper schedules.

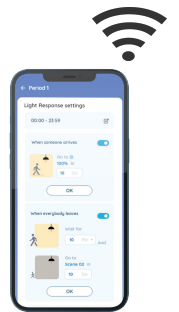
BMS Intergration

- Lumos Control ecosystem leverages the Niagara framework to intergrate with any of the 120+ BMS protocols.
- Very simple to connect as plugging the two systems into a common Ethernet network.
- All data can be shared and BMS can monitor and control the lighting system.
- Adding OpendADR gateway, the customer can take advantage of any current or future utility demand response programs including peak pricing, capacity bidding and direct laod control



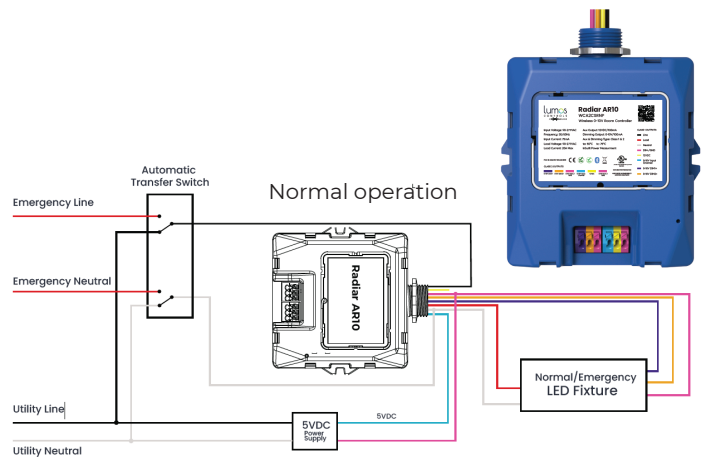
Mobile App

- For commission, configuration and controlling lighting networks including device replacement feature that makes commission easier.
- Setting up schedules, scenes and animations for individual devices or groups or zones
- Always get the latest features and improvements using OTA updates for devices
- Safe and reliable communication with AES 128-bit encryption and ensure safety using 4-digit code



Emergency Lighting Control

- UL924 Listed AR10 provides transfer operation during a power outage.
- When there is power outage, the controller will receive power from the emergency source via the ATS. The AC/DC power supply will turn OFF due to power outage and the 0-10V input channel of the controller will not sense any voltage. When the controller detects this, it switches over to Emergency Mode where the fixtures will be lit at 100% intensity for 90 mins.



- The BLE wireless Emergency Inverter interfaces with a battery and LED driver to provide much more than just self-test functionality. It can provide emergency testing reports through the mobile app and also provide fault notifications as soon as one is detect



Standard Efficacy

Efficacy	CRI	Wattage	CCT	Size	Lumen Output
SE	80	20	5000K	2ft	2600
		25	5000K	2ft	3250
		30	5000K	2ft	3900
		30	5000K	4ft	3900
		40	5000K	4ft	5200
		50	5000K	4ft	6500
		60	5000K	8ft	7800
		80	5000K	8ft	10400
		100	5000K	8ft	13000

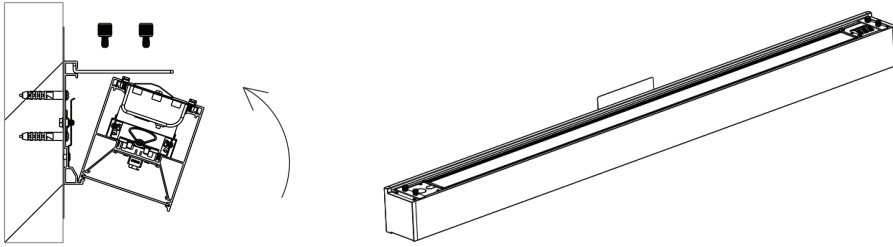
High Efficacy

Efficacy	CRI	Wattage	CCT	Size	Lumen Output
HE	80	20	5000K	2ft	3000
		25	5000K	2ft	3750
		30	5000K	2ft	4500
		30	5000K	4ft	4500
		40	5000K	4ft	6000
		50	5000K	4ft	7500
		60	5000K	8ft	9000
		80	5000K	8ft	12000
		100	5000K	8ft	15000

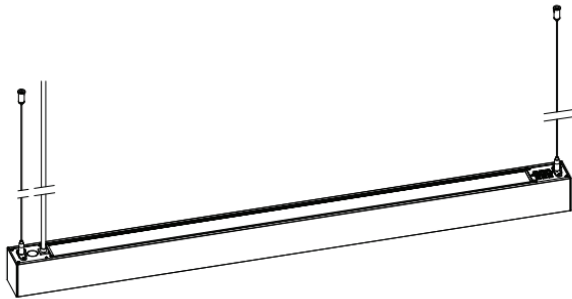
CCT Scaling Data

CRI	CCT	OUTPUT
80	5000K	100%
	4000K	99%
	3500K	97%
	3000K	94%
	2700K	93%
90	5000K	89%
	4000K	84%
	3500K	83%
	3000K	81%
	2700K	80%

Wall Mount



Pendant Mount



Connection Accessories

