

LED Corn Bulbs

3-CCT & 3-Power Selectable



LED-CRN-3M36-TRI-E26



LED-CRN-3M36-TRI-EX39



LED-CRN-3M54-TRI-E26



LED-CRN-3M54-TRI-EX39



LED-CRN-3M80-TRI-EX39



LED-CRN-3M120-TRI-EX39

3M36

WATT	LUMENS
18	2,610
27	3,915
36	5,220

3M54

WATT	LUMENS
36	5,220
45	6,525
54	7,830

3M80

WATT	LUMENS
54	7,830
63	9,135
80	11,600

3M120

WATT	LUMENS
80	11,600
100	14,500
120	17,400

Series

LED-CRN-3M36-TRI-E26
LED-CRN-3M36-TRI-EX39
LED-CRN-3M54-TRI-E26
LED-CRN-3M54-TRI-EX39
LED-CRN-3M80-TRI-EX39
LED-CRN-3M120-TRI-EX39

Optional Accessories (Order Separately)

Sensors

S-TWC-PIR-ON/OFF
PIR Sensor On/Off Only
5/10/15min
S-TWC-PIR-1
PIR Bi-Level Motion
+ Daylight Sensor
(Remote Req'd)
S-TWC-PIR-SL
PIR SILVAIR
Bluetooth Mesh
S-TWC-PIR-BT
PIR ENVISIONLS
Bluetooth Control

Sensor Remote

S-LINE-R
Remote for S-Line Sensor
ENVISION CONNECT
Bluetooth smart app.
Download on Apple
or Android app store.

The EnVision corn light allows the end user to light an area in a full 360° spectrum. The lamp includes an internal driver with a 4kV surge protector, and has a universal input voltage of 120-277v. The light turns on instantly, and is not affected by frequent on/off switching. With 3 different color temperatures and 3 wattages to swap from, it's like having nine SKU's all in one.

Detail Specifications:

- Water Resistant
- Beam Angle: 360°
- Base: EX39 or E26
- 3-CCT: 30/40/50K
- Chip: SMD 2835, R9 >50, CRI >80
- Operating Temperature: -40° - 114° F
- Average life (L70) of 50,000 hours

Applications:

- Outdoor Lighting
- HID Lamp Replacement
- Shoebox & Area Light
- Outdoor Pole & Arm Mount Fixtures
- Residential, Commercial and Industrial

Product Information:

- Aluminum housing for heat dissipation
- Suitable for use in existing fixtures
 - Ballast bypass required
- Connect directly to 120-277V power
- Instant-On to full brightness

Driver Options:

- 120-277V
- 4kV Surge Protector
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz

Mounting & Installation:

- EX39 or E26 socket
- Ballast bypass required

Certifications:

- UL Listed for USA and CA
- DLC Listed for 3M36 & 3M54
 - 3M36: PLA13F0BHM5L
 - 3M54: PLA/VTQ8NRSKA
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017

Specs and model numbers are subject to change with or without notice.

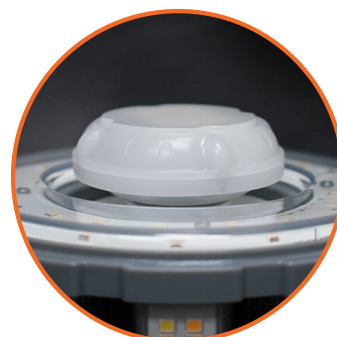
FEATURES



E26 Base
Standard Lamp Base



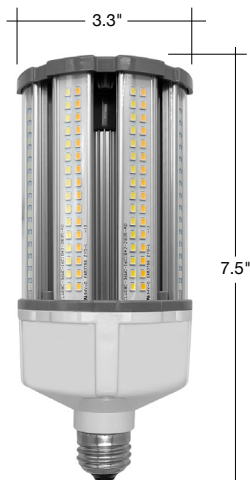
EX39 Base
Larger & Wider Tip Base



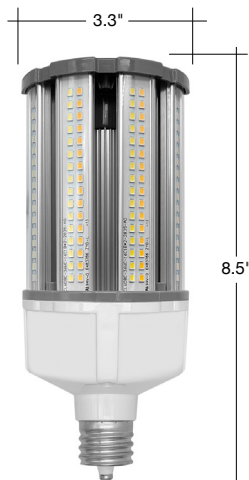
**Optional Motion
+ Daylight Sensor**
Only available for
3M80 & 3M120 Bulbs

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DIMENSIONS



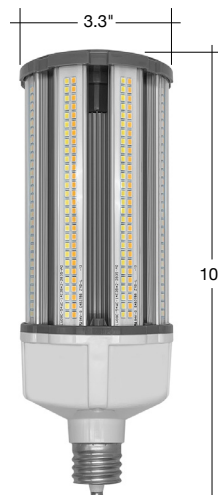
LED-CRN-3M36-TRI-E26



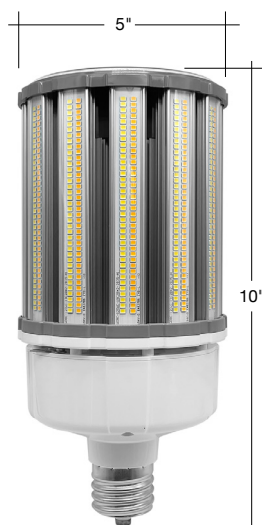
LED-CRN-3M36-TRI-EX39



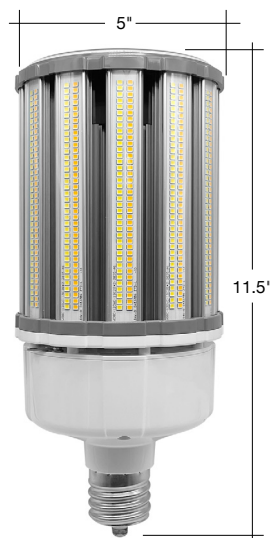
LED-CRN-3M54-TRI-E26



LED-CRN-3M54-TRI-EX39



LED-CRN-3M80-TRI-EX39



LED-CRN-3M120-TRI-EX39



S-TWC-PIR-ON/OFF



S-TWC-PIR-1
S-TWC-PIR-SL
S-TWC-PIR-BT



S-LINE-R

Model	Voltage	Watts	Lumens	Color
LED-CRN-3M36-TRI-E26	120-277V	18/27/36w	145lm/w	50/40/30k
LED-CRN-3M36-TRI-EX39	120-277V	18/27/36w	145lm/w	50/40/30k
LED-CRN-3M54-TRI-E26	120-277V	36/45/54w	145lm/w	50/40/30k
LED-CRN-3M54-TRI-EX39	120-277V	36/45/54w	145lm/w	50/40/30k
LED-CRN-3M80-TRI-EX39	120-277V	54/63/80w	145lm/w	50/40/30k
LED-CRN-3M120-TRI-EX39	120-277V	80/100/120w	145lm/w	50/40/30k

SENSORS

Pre-Installed Accessory Model	Description
S-TWC-PIR-ON/OFF	PIR On/Off Only: Twist-C 5/10/15 Min
S-TWC-PIR-1	PIR Bi-Level + Daylight: Twist-C
S-TWC-PIR-SL	PIR SILVAIR Bluetooth Mesh
S-TWC-PIR-BT	PIR ENVISIONLS Bluetooth Control

REMOTE CONTROL

Accessory Model	Description
S-LINE-R	Remote for S-LINE Series Sensors

EnVisionLED™ Control Options

EnVision LED offers 3 control systems compatible with our LED Fixtures for projects of all sizes and budgets.

	Basic Controls	EnVisionLS 	EnVisionLED™ x SILVAIR 
Description	Standard Plug In Sensors	Basic Bluetooth Wireless Control	Advanced Bluetooth Wireless Control
Recommended Quantity (but not limited to)	N/A	>40-50 Nodes	>50 Nodes
Maximum Zone Quantity	N/A	100	3,000
Commissioning Tool	Remote Only	  ENVISIONLS App	  SILVAIR App
Commissioning Process	Individually Set via Remote	Wireless Must be done on site	Wireless- Initial linking must be done on site. Commissioning can be done via desktop remotely.
Floor Plan Upload	N/A	N/A	Yes Add a floor plan and mark luminaires & zones via desktop
Gateway	N/A	N/A	Required only for energy monitoring, advanced scheduling, automated demand response.
Individual Luminaire Control	Yes	Yes	Yes
Luminaire Grouping Zoning	N/A	Yes	Yes
High End Power Low End Power	Yes but limited (View Remote)	Yes	Yes
Cost	\$	\$\$	\$\$\$
DLC NLC Listed	N/A	Yes	Yes
Energy Monitoring & Data Reporting	N/A	N/A	Monitor energy usage per individual zone & retrofit cost savings calculation + detailed reporting



Compatible Products:

EnVision offers a variety of nodes, sensors, & gateways that are controlled via remote, ENVISIONLS Bluetooth Mesh & SILVAIR Bluetooth Mesh on all of our 0-10V dimmable fixtures.



Individual Fixture Controls: PIR Sensor, Bi-Level Dimming, Daylight

Basic Note: -1 • ENVISIONLS Models Note: -BT • SILVAIR Models Note: -SL

	MODEL #	DESIGN	RECOMMENDED FIXTURE	FEATURES
	S-TWC-PIR-1 S-TWC-PIR-BT S-TWC-PIR-SL	Twist-C Control Sensor	Sensor Ready Fixtures: Area Lights, Canopies, Flood Lights, High Bays	All models are equipped with PIR occupancy sensing, high & low end bi-level dimming, & daylight sensing.
	S-TWC-90 + S-TWC-PIR-1 S-TWC-90 + S-TWC-PIR-BT S-TWC-90 + S-TWC-PIR-SL	Twist-C Control Sensor + 90 Degree Arm	Cylinders, Strips, Wall Packs	
	S-AUD-PIR-1 S-AUD-PIR-BT S-AUD-PIR-SL	2.5m Audio Jack	Panels & Troffers	
	S-SN-PIR-1 S-SN-PIR-BT S-SN-PIR-SL	Snap In Sensor	Troffers & Wraps	

Group Controls ENVISIONLS Models Note : -BT • SILVAIR Models Note: -SL

	MODEL #	DESIGN	VOLTAGE	FEATURES	RECOMMENDED FEATURES
	S-CM-PIR-LV-BT S-CM-PIR-LV-SL	Ceiling Mounted PIR Sensor	12-24V	PIR Sensor, Bi-Level Dimming, Daylight, 360° detection, 12' Max Mounting Height	Connects to 0-10V dimmable fixtures
	S-WM-PIR-CUNV-BT S-WM-PIR-CUNV-SL	Wall Mounted PIR Occupancy Sensor, Bi-Level Dimming, Daylight	120-277V	On/Off PIR occupancy sensor, 180° detection, 30' detection @ 4' Mounting Height	Connects to LED fixtures
	S-WS-120V-USB-SL		120V	Dimming Wall Socket, Two Sockets	Floor Lamps, Other Lamps

Gateway (Silvair Only) 4.5–5.5 V DC, 2A Power over Ethernet 36–57 V DC

	MODEL #	DESIGN	VOLTAGE	FEATURES	RECOMMENDED FEATURES
	SGW-102	Wall or Ceiling Mounted	POE	Advanced Energy Monitoring Control	Connects to Silvair Controls. Gateway is not required.