

ARCY-Line: Square Canopy Fixtures

10% Up-Light Optics Standard

Canopy Lights



WATT	LUMENS
30	4,200
45	6,300
60	8,400
70	10,150
80	11,600
90	13,050

LUMENS BASED OFF
4000K. 30K & 50K. +/- 5%

Detail Specifications:

- Finish: White or Bronze
- IP Rating: Wet Location (IP65)
- Beam Angle: 150°
- Chip: SMD 2835, R9 >50, CRI >80
- Operating Temperature: -4° - 124° F
- Lens: Clear Ribbed Acrylic
- BUG Rating: B2-U3-G3
- Average life (L70) of 50,000 hours

Applications:

- Utility & Storage
- Garage & Parking Structures
- Dock and loading
- Soffits
- Outdoor corridor
- Commercial and Industrial

Product Information:

- Sturdy die-cast aluminum housing finished with corrosion free powder coat
- Five 1/2" knockouts: 1 one each side for convenient installation
- Select-n-Switch Technology: 3-CCT + 3-Power Selectable
- 10% up-light standard

Driver Options:

- UNV: 120-277V 0-10V Dimmable
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz
- Isolated Driver
- Flicker Free

Mounting & Installation:

- 30 or 40 J-Box Surface Mount
- 3/4" Pendant Mount

Certifications:

- UL Listed for USA and CA
- DLC Premium Listed
- Approved for CA T24
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017

Series	Wattage	Color Temp	Finish	Emergency
LED-SQUC-	TRI-	BZ	(Blank)	
Arcy-Line	3P60	30/40	No	
Canopy	30/45/60W	50K	Bronze	Emergency
	3P90		WH	EMB
	70/80/90W		White	90 min.
				Emergency Backup
				8W 1,160LM
				CEMB
				CEMB Internal
				90 Minute
				Emergency Backup
				Cold Weather
				-4-120F 8W
				1,160LM

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

SILVAIR

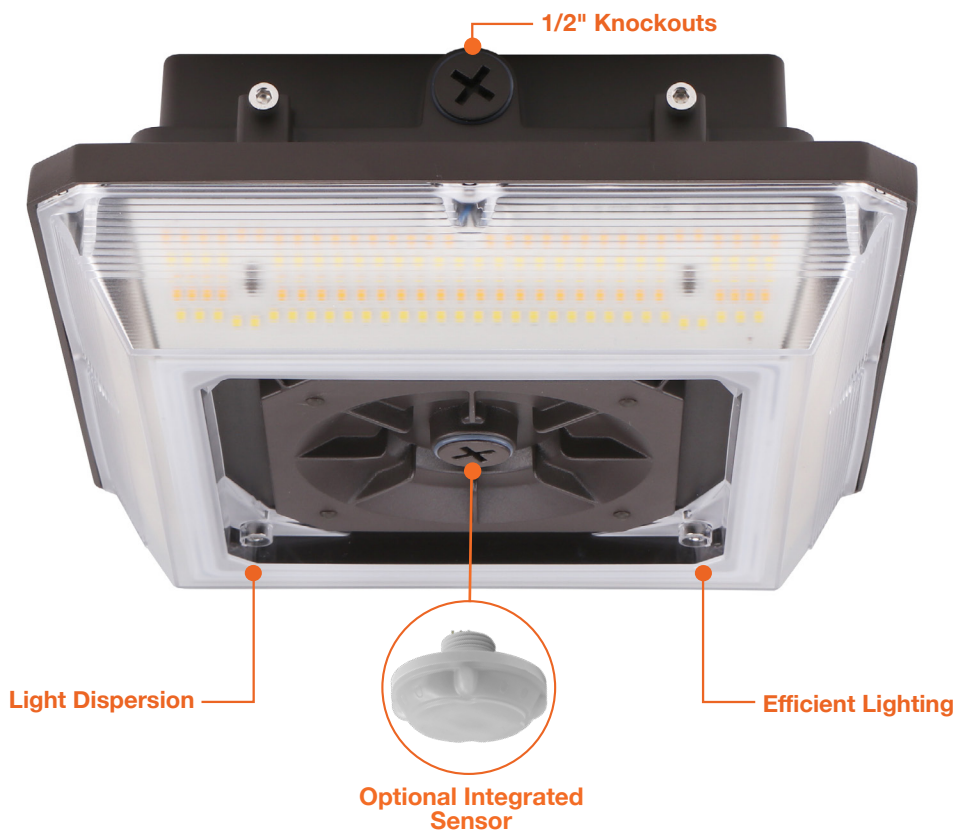
Bluetooth mesh.
Download on Apple
or Android app store.

ENVISIONLS

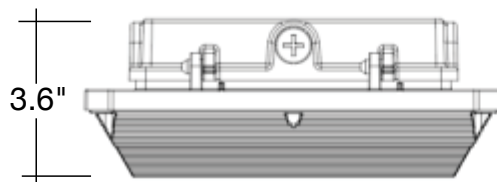
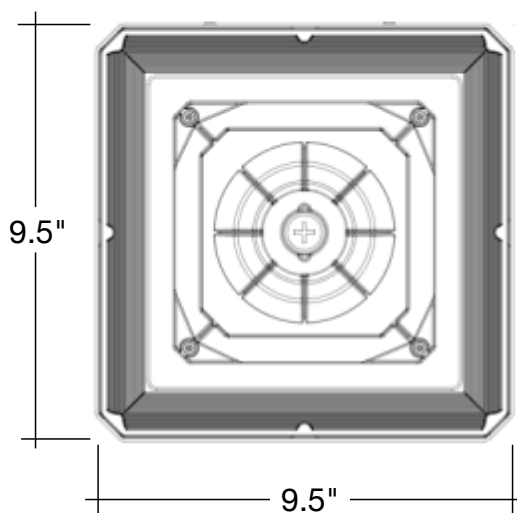
Bluetooth smart app.
Download on Apple
or Android app store

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

FEATURES



DIMENSIONS



Square Canopy Light: Arcy-Line

10% Up-Light Optics Standard



S-TWC-PIR-ON/OFF



**S-TWC-PIR-1
S-TWC-PIR-SL**



S-LINE-R

CANOPY

Model	Voltage	Watts	Lumens	Color	CRI
LED-SQUC-3P60-TRI-BZ	120/277V	30/45/60w	145 lm/w	30/40/50k	>80
LED-SQUC-3P60-TRI-WH	120/277V	30/45/60w	145 lm/w	30/40/50k	>80
LED-SQUC-3P90-TRI-BZ	120/277V	70/80/90w	145 lm/w	30/40/50k	>80
LED-SQUC-3P90-TRI-WH	120/277V	70/80/90w	145 lm/w	30/40/50k	>80

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

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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.