

AFC-Line: Full Cut Off Wall Packs

Adjustable Lens 2200K



Wall Packs



Detail Specifications

- Finish: Bronze, Black, White, Custom finishes available
- IP Rating: Wet Location
- CCT: 2200k
- Impact Rating: IK08
- Beam Angle: 90x110°
- Chip: SMD 2835
- BUG:
 - 30W: B2-U0-G1
 - 5P50W: B2-U0-G1
 - 5P80W: B3-U0-G1
- Operating Temperature: -40° - 122° F
- Lens: Clear acrylic with optics
- Average life (L70) of 70,000 hours

Applications:

- Walkways & Pathways
- Parking Lots
- Hospitality, Multi-Family
- Outdoor Corridors
- Residential, Commercial and Industrial

Product Information:

- Sturdy die-cast aluminum housing finished with corrosion free powder coat
- Full Cut-Off Dark Sky Compliant
- Instant-On to full brightness
- Select-n-Switch Technology: 3-Power Selectable

Control Options:

- Standard Sensors
- SILVAIR Bluetooth Mesh
- ENVISIONLS Bluetooth
- [Click Here](#) for More Information

Driver Options:

- UNV: 120-277V 0-10V Dimmable
- Built in 6Kv Surge Protector
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz

Mounting & Installation:

- Five 1/2" knockouts: 1 one each side for convenient installation

Certifications:

- UL Listed for USA and CA
- DLC Premium Listed
 - 3P30: PL1TWA17V1ZP
 - 3P50: PLIB7WF6EL7T
 - 3P80: S-WIDGTX
- ROHS Compliant
- Approved for CA T24
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017
- In compliance with Hawai'i County Code (HCC 14-9) and Maui County Code (Ord No.5434) for preserving dark skies
- 2% Blue Light Content

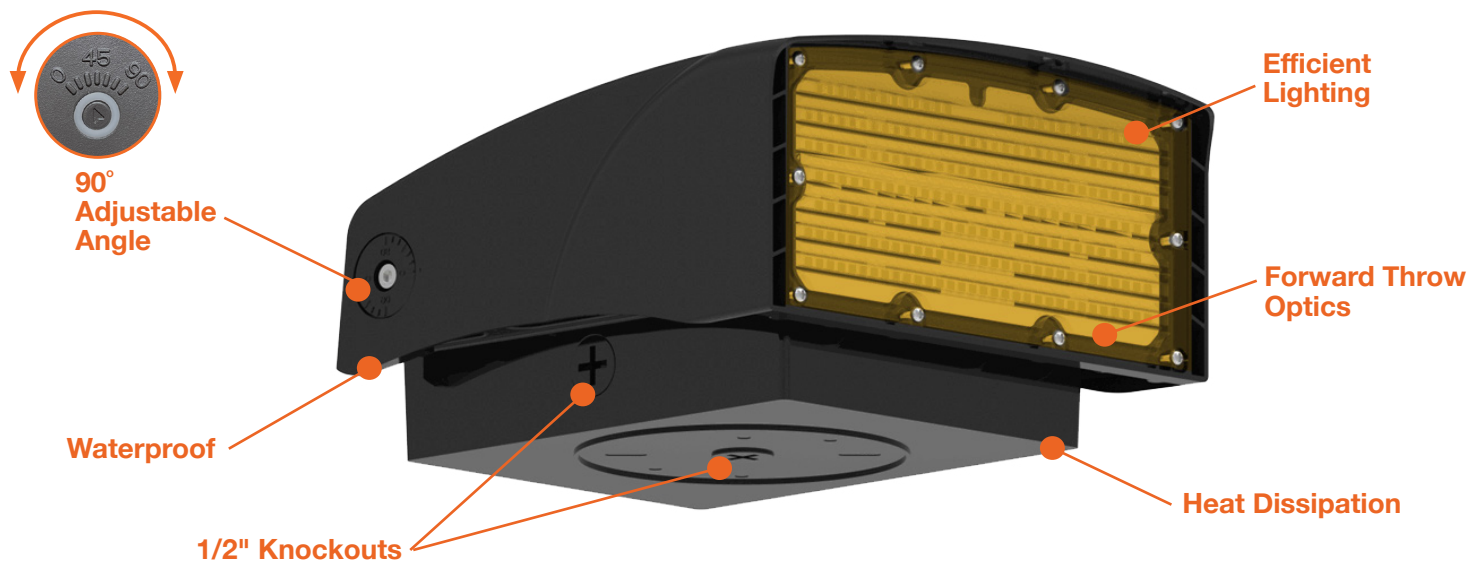
Series	Finish ¹	Photocell	Sensor ²	Emergency	Surge Protector
LED-WPFC-ADJ-3P30W-22K	BZ	(blank)	(blank)	(blank)	(blank)
10/20/30W	Bronze	No	No Sensor	No Emergency	6KV Built in
LED-WPFC-ADJ-3P50W-22K	(Standard)	Photocell	BMS	EMB	20KV
30/40/50W	BL	PC	Bi-Level Motion	Emergency	20KV Surge
LED-WPFC-ADJ-3P80W-22K	Black	Button	+ Daylight Sensor	Backup	Protector
60/70/80W	WH	Photocell	Remote Required:	32-120F	
	White		(S-LINE-R)	CEMB	
	GRY¹		BMS-BT	Cold Weather	
	Gray		PIR ENVISIONLS	Emergency	
	CS¹		Bluetooth Control	Backup 4-120F	
	Custom		BMS-SL	(3P50W &	
	Color		PIR SILVAIR	3P80W Only)	
			Bluetooth Mesh		

1. Standard quickship is bronze, black, & white. Other colors are custom finishes.

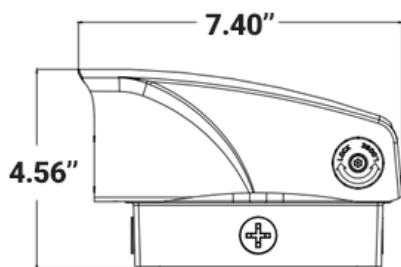
2. Sensors require remote for programming

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

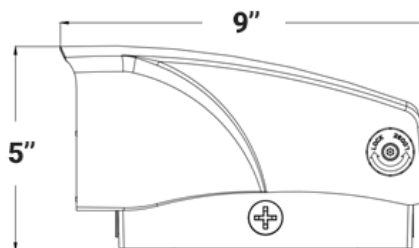
FEATURES



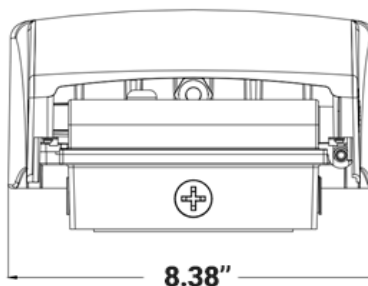
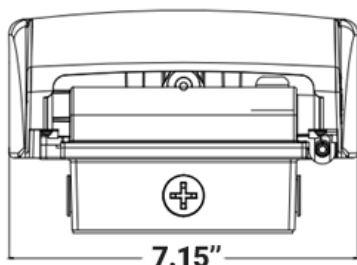
DIMENSIONS



3P30W



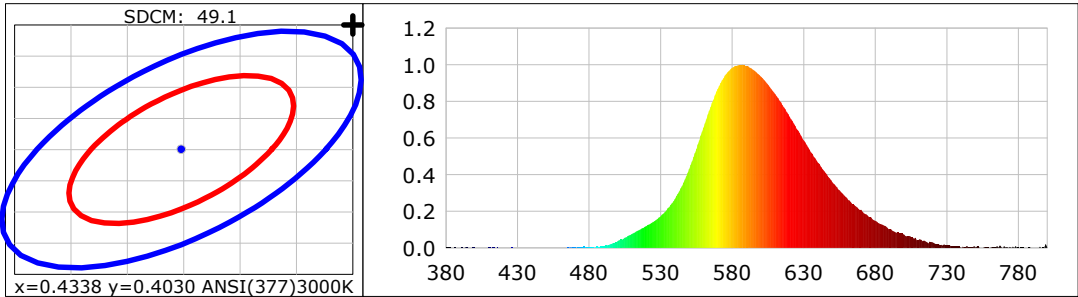
**3P50W
3P80W**



WAVELENGTH DATA

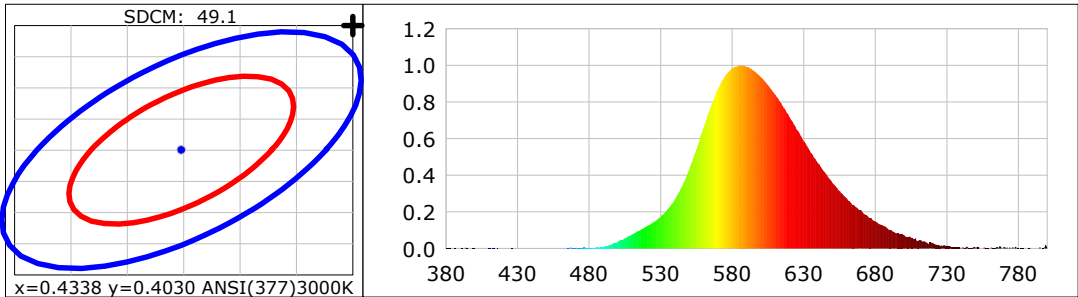
50W CIE COLORIMETRIC PARAMETERS

Chromaticity coordinates: $x=0.5311$ $y=0.4626$ $u(u')=0.2837$ $v=0.3706$ $v'=0.5559$
CCT: $T_c=2264K$ ($duv=0.01408$) Color Ratio: Red=23.2% Green=76.7% Blue=0.1%
Peak Wavelength: 586.7nm Half Bandwidth: 83.8nm
Dominant Wavelength: 583.4nm Color Purity: 0.983
CRI: $R_a=43.2$, $avgR(1\sim14)=35.4$, $avgR(1\sim15)=34.9$ TM30: $R_f=27$, $R_g=24$
 $R_1=36$ $R_2=63$ $R_3=78$ $R_4=24$ $R_5=31$ $R_6=47$ $R_7=62$ $R_8=6$
 $R_9=0$ $R_{10}=23$ $R_{11}=0$ $R_{12}=1$ $R_{13}=38$ $R_{14}=88$ $R_{15}=28$
Color Quality Scale: $Q_a=1.2$, $Q_f=2.4$, $Q_p=0.1$, $Q_g=12.3$
 $Q_1=45$ $Q_2=16$ $Q_3=5$ $Q_4=13$ $Q_5=31$ $Q_6=43$ $Q_7=26$ $Q_8=4$
 $Q_9=0$ $Q_{10}=0$ $Q_{11}=0$ $Q_{12}=0$ $Q_{13}=0$ $Q_{14}=2$ $Q_{15}=40$



30W CIE COLORIMETRIC PARAMETERS

Chromaticity coordinates: $x=0.5311$ $y=0.4626$ $u(u')=0.2837$ $v=0.3706$ $v'=0.5559$
CCT: $T_c=2264K$ ($duv=0.01408$) Color Ratio: Red=23.2% Green=76.7% Blue=0.1%
Peak Wavelength: 586.7nm Half Bandwidth: 83.8nm
Dominant Wavelength: 583.4nm Color Purity: 0.983
CRI: $R_a=43.2$, $avgR(1\sim14)=35.4$, $avgR(1\sim15)=34.9$ TM30: $R_f=27$, $R_g=24$
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 $Q_9=0$ $Q_{10}=0$ $Q_{11}=0$ $Q_{12}=0$ $Q_{13}=0$ $Q_{14}=2$ $Q_{15}=40$





S-LINE-R

WALL PACK

Model	Voltage	Watts	Lumens	Color	CRI
LED-WPFC-ADJ-3P30W-22K-BZ	120-277V	10/20/30W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P30W-22K-BL	120-277V	10/20/30W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P30W-22K-WH	120-277V	10/20/30W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P50W-22K-BZ	120-277V	30/40/50W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P50W-22K-BL	120-277V	30/40/50W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P50W-22K-WH	120-277V	30/40/50W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P80W-22K-BZ	120-277V	60/70/80W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P80W-TRI-BL	120-277V	60/70/80W	145LM/W	2200k	>80
LED-WPFC-ADJ-3P80W-22K-WH	120-277V	60/70/80W	145LM/W	2200k	>80

REMOTE CONTROL

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

SENSORS

Pre-Installed Accessory Model	Description
Add '-BMS' to model #	S-BMS-EXT-1: Bi level motion + daylight sensor
Add '-BMS-BT' to model #	S-BMS-EXT-1-BT: Bi level motion + daylight sensor W/ bluetooth control (EnvisionNLS App)
Add: -BMS-SIL to Model #	SILVAIR Enable Bluetooth Control: PIR/Daylight/Zoning/Monitoring

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.