

Large Area Light: Bolt-Line

3-CCT & 5-Power Selectable



WATT	LUMENS	WATT	LUMENS
20	2,800	200	28,000
40	5,600	215	30,100
60	8,400	225	31,500
70	10,150	240	33,600
90	12,600	250	35,000
100	14,000	275	38,500
110	15,400	300	42,000
130	18,200	330	46,200
140	19,600	360	50,400
150	21,000	390	54,600
165	23,100	420	58,800
190	26,600	450	63,000

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

DLC Premium Product ID		
	Architectural Flood and Spot Luminaires	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
LED-ARL3-5P100-TRI-BZ-UNV	S-965NIT	S-6D7IO5
LED-ARL3-5P150-TRI-BZ-UNV	S-PDO3Y1	S-MKROP7
LED-ARL3-5P150-TRI-BZ-HV	S-KMCSQL	S-EP0TF6
LED-ARL3-5P240-TRI-BZ-UNV	S-NQ3WB6	S-D9HN81
LED-ARL3-5P300-TRI-BZ-UNV	S-W5J6YS	S-H859CZ
LED-ARL3-5P300-TRI-BZ-HV	S-JNQMZC	S-D9KMF0
LED-ARL3-5P450-TRI-BZ-UNV	S-NV2MP3	S-BNJ271
LED-ARL3-5P450-TRI-BZ-HV	S-XZ5QR2	S-IZV8SO

Project: _____ Part #: _____
Type: _____

Area Lights



Detail Specifications:

- Finish: Bronze
- IP Rating: Wet Location (IP65)
- Beam Angle: Type III Installed (Type II, IV, V available)
- CCT: 30/40/50K Selectable
- Chip: SMD 2835, R9 >50, CRI >80
- Operating Temperature: -40° - 122° F
- Lens: PC Lens: Clear acrylic with optics
- Average life (L70) of 70,000 hours

Applications:

- Dock and Loading
- Walkways & Pathways
- Parking Lots
- Outdoor Corridors
- General Outdoor Lighting
- Commercial and Industrial

Product Information:

- Sturdy die-cast aluminum housing finished with corrosion free powder coat
- 2' STJW 18.3 AWG cable whip included
- Dark Sky Compliant (3000K setting @ no tilt)
- House side shields available
- Select-n-Switch Technology
- Instant-On to full brightness
- Twist-C Control: Control ready receptacle built into each fixture
 - Standard Sensors
 - SILVAIR Bluetooth Mesh
 - ENVISIONLS Bluetooth
 - [Click Here](#) for More Information

Driver Options:

- UNV: 120-277V
- HV: 277-480V 0-10V Dimmable
- Built in 6kV Surge Protector
- 20kV available
- THD: <15% (+/-5% tolerance), PF >0.9, 50/60Hz

Mounting & Installation:

- Optional tenon mount adaptors available
- Several standard bracket options available (see page 4)

Certifications:

- UL Listed for USA and CA
- DLC Premium Listed
 - View DLC ID Chart
- ROHS Compliant
- Approved for CA T24
- 7 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017

Series	Power	3CCT	Finish	Voltage ²	Photocell	EMB
LED-ARL3 -	TRI - BZ -	30/40 50K	Bronze	UNV	(Blank)	(Blank)
	5P100			120-277V (6kV Surge Protector)	No Photocell PC	No Emergency EMB
	5P150			277-480V (6kV Surge Protector)	Photocell	40W Remote emergency 6,000lm
	150/130/110/90/70W			HV		
	5P240			240/215/190/165/140W		
	5P300			300/275/250/225/200W		
	5P450			450/420/390/360/330W		
				UNV20KV		
				120-277V (20kV Surge Protector)		
				HV20KV		
				277-480V (6kV Surge Protector)		

1. Other finishes available on 3B models.
2. 5P100, 5P240 are not available in HV a. 6kV quick ship. 20kV models are made to order.

Required Accessories

Bronze Bracket
ARL3-SF
Slip Fitter
ARL3-SA
Straight Arm
Adjustable
ARL3-SA-NA-BZ
Non-Adjustable Dark Sky
ARL3-SFA
Slip Fitter/Straight
Arm Combo
ARL3-TR
Trunnion
ARL3-YK
-100-150
Yoke for
100-150
ARL3-YK
-240-450
Yoke for 240-450

1. Standard quickship finish is bronze. Other colors are custom finishes.

Optional Accessories (Order Separately)

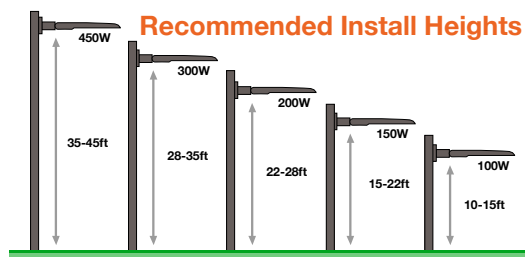
Control Sensor	Wall Mount	Shields	Field Install
	Must purchase with SA or SFA	Use as House or Front Side	Optic Options
S-TWC-MW-1			
S-Line:Twist-C			
Microwave Sensor			
S-TWC-PIR-1			
S-Line: Twist-C			
PIR Sensor			
S-TWC-PIR-SL			
PIR SILVAIR			
Bluetooth Mesh			
S-TWC-PIR-BT			
PIR ENVISIONLS			
Bluetooth Control			
TWC-DL			
S-Line: Twist-C			
Daylight Sensor:			
Photocell			
ARL3-WM			
ARL3-WM-BL			
ARL3-WM-WH			
ARL3-100-150W-HSS-BZ			
5P100 & 5P150			
ARL3-240-300W-HSS-BZ			
5P240 & 5P300			
ARL3-450W-HSS-BZ			
5P450			
(Blank)			
Type 3 (Included)			
ARL3-T-II-100-150			
Type II			
ARL3-T-IV-100-150			
Type IV			
ARL3-T-V-100-150			
Type V			
ARL3-T-II-240-300			
Type II			
ARL3-T-IV-240-300			
Type IV			
ARL3-T-V-240-300			
Type V			
ARL3-T-II-450			
Type II			
ARL3-T-IV-450			
Type IV			
ARL3-T-V-450			
Type V			

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

FEATURES

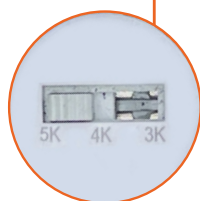


Photocell Receptacle Access

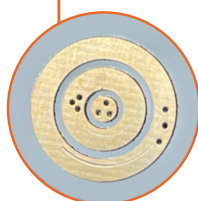


Die-Cast Aluminum

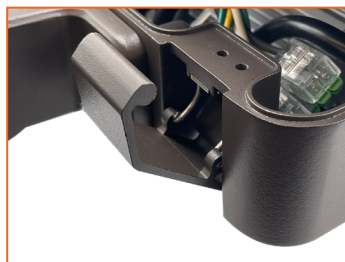
Wattage Selector Inside J-Box



3-CCT Selectable

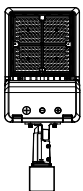
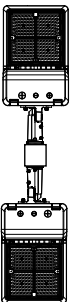
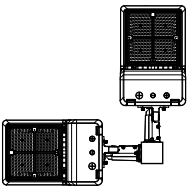
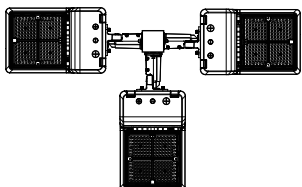
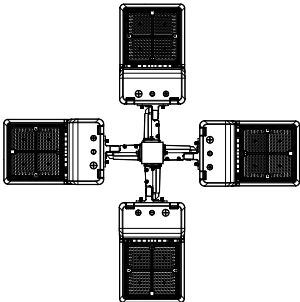


Twist-C Control Receptacle

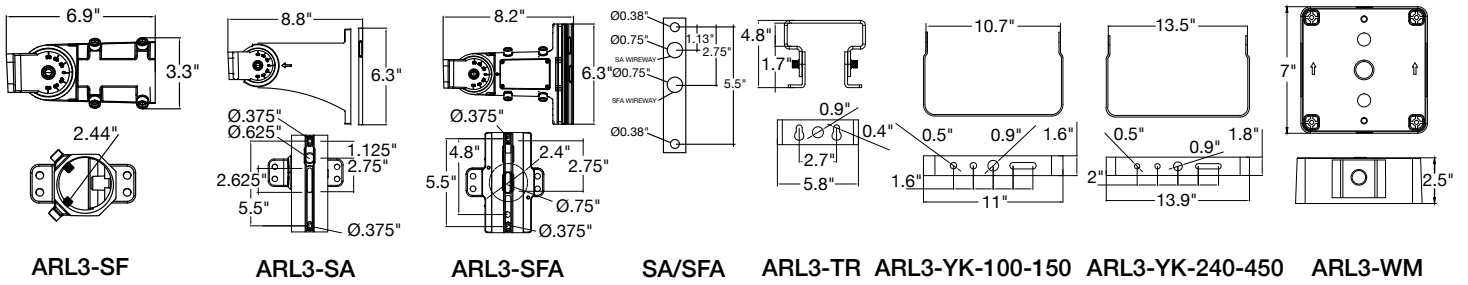


Toolless Access to J-Box

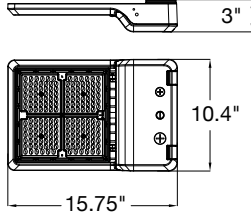
Optic Lens

EPA & BUG						
WATTAGE						
	BUG	1PC FIXTURE	2PC 180°	2PC 90°	3PC 90°	4PC 90°
5P100 & 5P150	B3-U0-G3	0.384	0.776	0.599	0.914	0.914
5P240 & 5P300	B4-U0-G4	0.468	0.945	0.73	1.114	1.114
5P450	B5-U0-G5	0.61	1.232	0.949	1.453	1.453

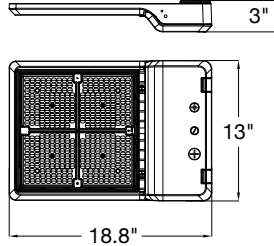
BRACKET DIMENSIONS



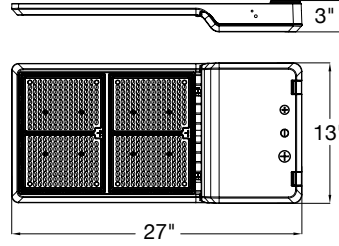
100W/150W



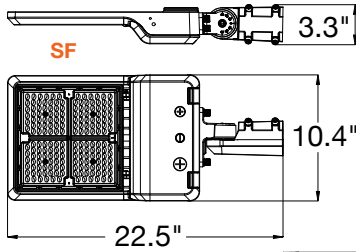
240W/300W



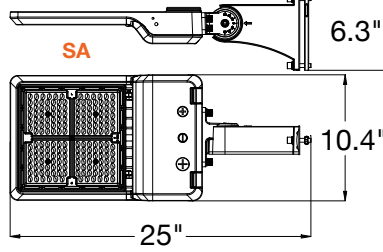
450W



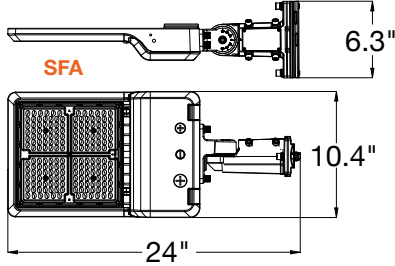
SF



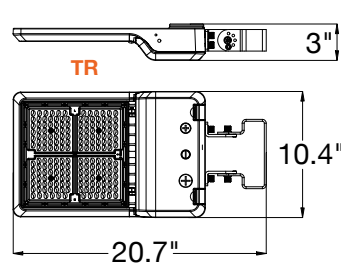
SA



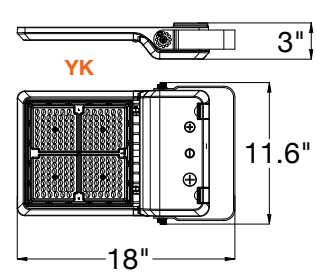
SFA



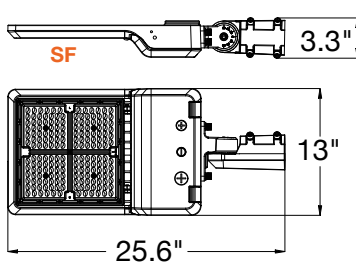
TR



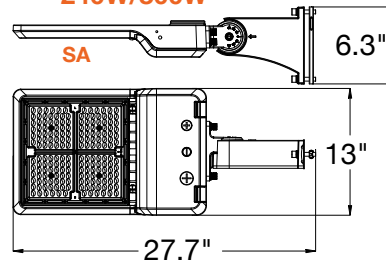
YK



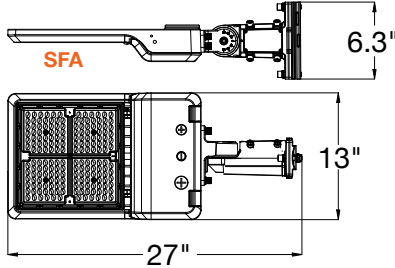
SF



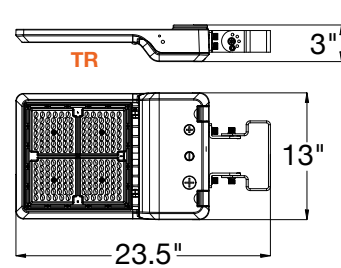
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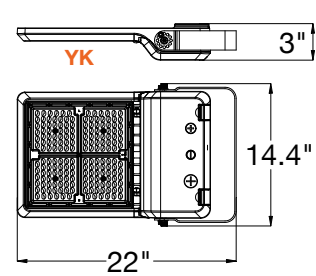
SFA



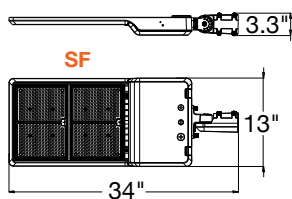
TR



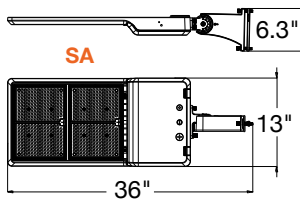
YK



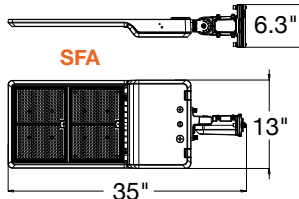
450W



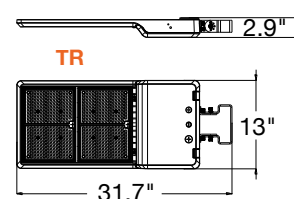
SA



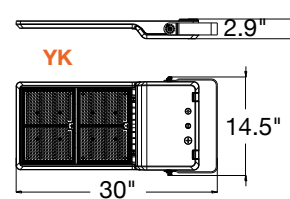
SFA



TR



YK



ACCESSORIES



Yoke

- Flood light bracket
- Ideal use on a wall
- Adjustable design to angle area light luminaire

Trunnion

- Flood light bracket
- Ideal use on a wall
- Can be used for shoebox
- Adjustable design to angle area light luminaire

Straight Arm Adjustable

- For use with round or square poles
- Adjustable design to angle area light luminaire

Straight Arm Non Adjustable

- For use with round or square poles

Slip Fitter

- For use with round or square poles
- Adjustable design to angle area light luminaire
- Fits 2 3/8" tenon

Slip Fitter & Straight Arm

- Flood light bracket
- For use with round or square poles
- Can be used for shoebox
- Adjustable design to angle area light luminaire

Wall Mount Adapter

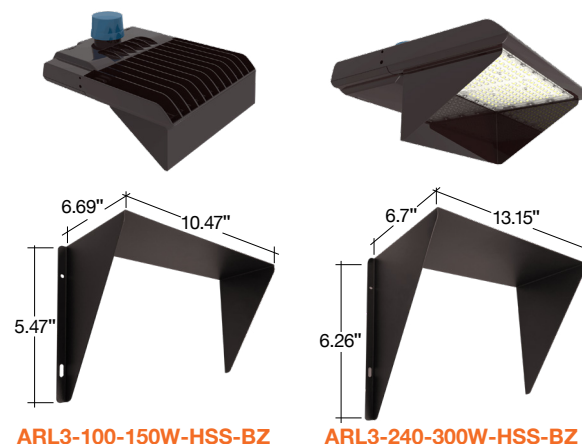
- Attach to SA or SFA arm
- Does not attach to the body of the fixture directly

Accessory Model	Description
ARL3-T-II-100-150	ARL3: Type II Optics Lens
ARL3-T-IV-100-150	ARL3: Type IV Optics Lens
ARL3-T-V-100-150	ARL3: Type V Optics Lens
ARL3-T-II-240-300	ARL3: Type II Optics Lens
ARL3-T-IV-240-300	ARL3: Type IV Optics Lens
ARL3-T-V-240-300	ARL3: Type V Optics Lens
ARL3-T-II-450	ARL3: Type II Optics Lens
ARL3-T-IV-450	ARL3: Type IV Optics Lens
ARL3-T-V-450	ARL3: Type V Optics Lens

Accessory Model	Description
ARL3-SF	ARL3: Slip Fitter
ARL3-SA	ARL3: Straight Arm
ARL3-SFA	ARL3: Slip Fitter/Straight Arm Combo
ARL3-SA-NA	ARL3: Straight Arm Non-Adjustable Dark Sky
ARL3-TR	ARL3: Trunnion
ARL3-YK-100-150	ARL3: Yoke
ARL3-WM	ARL3: Wall Mount Adapter
ARL3-YK-240-450	ARL3: Yoke
ARL3-100-150W-HSS-BZ	ARL3: Front & House Side Shield for 100W and 150W
ARL3-240-300W-HSS-BZ	ARL3: Front & House Side Shield for 240W and 300W
ARL3-450W-HSS-BZ	ARL3: Front & House Side Shield for 450W
PC-TWL-UNV	JL207C 3PIN LLocking Type Thermal Photo Control 120-277V Intermatic
PC-SHORT-CAP	3 Pin Shorting Cap
S-TWC-MW-BT	S-Line: Twist-C Microwave Sensor w/ Bluetooth
TWC-DL	S-Line: Twist-C Daylight Sensor: Dusk to Dawn, works like a photocell
S-LINE-R	Remote for S-LINE Series Sensors

Accessory	Description
ARL3-WM	ARL3: Wall Mount Bracket (Requires ARL3-SA for mounting) Bronze
ARL3-WM-BL	ARL3: Wall Mount Bracket (Requires ARL3-SA for mounting) Black
ARL3-WM-WH	ARL3: Wall Mount Bracket (Requires ARL3-SA for mounting) White

Accessory	Description
S-TWC-MW-1	S-Line: Twist-C Microwave Sensor Remote Required: (S-LINE-R)
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
S-TWC-DL	S-Line: Twist-C Daylight Sensor: Photocell



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



S-TWC-MW-1
S-TWC-MW-BT
S-TWC-DL



S-LINE-R
Controller



Optic Lenses
Beam Angle: Type III
Standard



3 Pin Photocell
120-277V
PC-TWL-UNV



PC
Short Cap
PC-SHORT-CAP

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.