

Large Area Light: Bolt-Line

3-CCT & 5-Power Selectable



Detail Specifications:

- Finish: Bronze
 - Custom colors available
- 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

| 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 |

| 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-KMCBQL | S-EP01F6 |
| 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-IZY8SO |

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

| Series | Power | 3CCT | Finish ¹ | Voltage ² | Photocell | EMB |
|----------------------|-----------------------------------|-------------------------|---|------------------------------------|--------------|--------------|
| LED-ARL3 - | 5P100 | - TRI - 30/40 50K | BZ Bronze (Standard) BL ¹ Black WH ¹ White GRY ¹ Gray CS ¹ Custom Color | UNV | (Blank) | (Blank) |
| | 100/80/60/40/20W | | | 120-277V (6kV Surge Protector) | No Photocell | No Emergency |
| | 5P150 | | | PC | EMB | |
| | 150/130/110/90/70W | | | HV | Photocell | 40W Remote |
| | 5P240 | | | 277-480V (6kV Surge Protector) | | emergency |
| | 240/215/190/165/140W | | | UNV20KV | | 6,000lm |
| | 5P300 | | | 120-277V (20kV Surge Protector) | | |
| | 300/275/250/225/200W | | | HV20KV | | |
| 5P450 | 277-480V (6kV Surge Protector) | | | | | |
| 450/420/390/360/330W | | | | | | |

1. Standard quickship finish is bronze. Other colors are custom finishes.
 2. 5P100, 5P240 are not available in HV
 a. 6kV quick ship. 20kV models are made to order.

| Required Accessories | |
|-----------------------|------------------|
| Bronze Bracket Finish | |
| ARL3-SF | (Blank) |
| Slip Fitter | Bronze |
| ARL3-SA | BL ¹ |
| Straight Arm | Black |
| Adjustable | WH ¹ |
| ARL3-SFA | White |
| Slip Fitter/Straight | GRY ¹ |
| Arm Combo | Gray |
| ARL3-TR | CS ¹ |
| Trunnion | Custom |
| ARL3-YK | |
| -100-150 | |
| Yoke for 100-150 | |
| ARL3-YK | |
| -240-450 | |
| Yoke for 240-450 | |

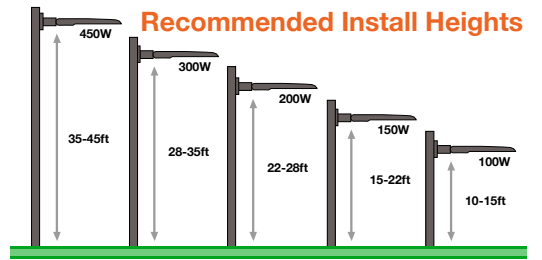
1. Standard quickship finish is bronze. Other colors are custom finishes.

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

Large Area Light: Bolt-Line

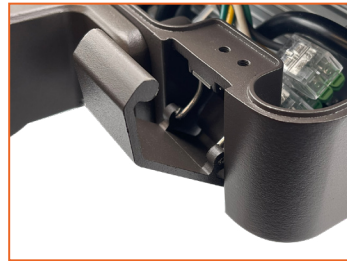
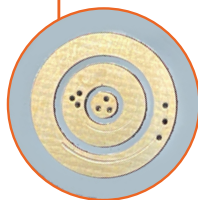
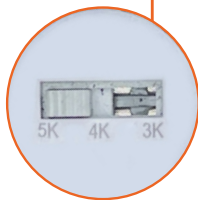
3-CCT & 5-Power Selectable

FEATURES



Die-Cast Aluminum

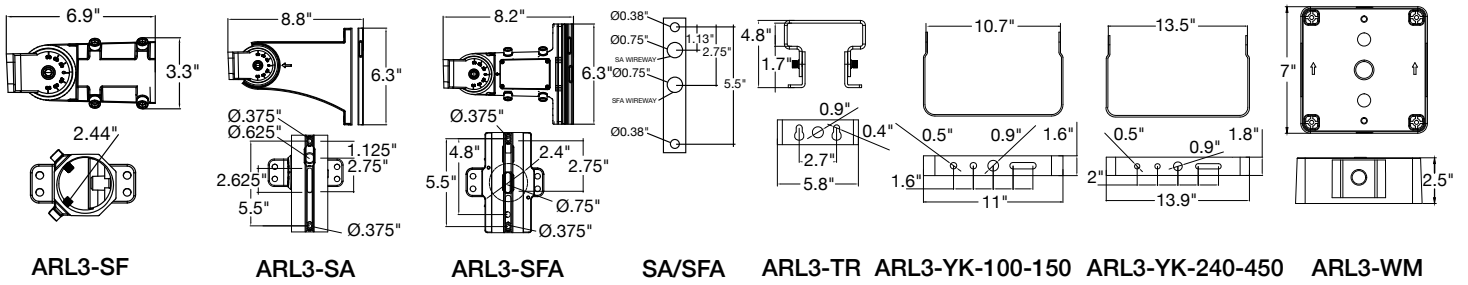
Wattage Selector Inside J-Box



Optic Lens

| EPA & BUG | | | | | | | | | | |
|---------------|-------------|-------|----------|-------|---------|-------|---------|--|---------|--|
| WATTAGE | 1PC FIXTURE | | 2PC 180° | | 2PC 90° | | 3PC 90° | | 4PC 90° | |
| | BUG | | | | | | | | | |
| 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



ARL3-SF

ARL3-SA

ARL3-SFA

SA/SFA

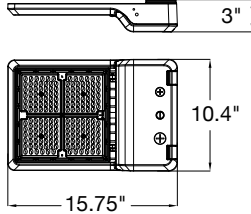
ARL3-TR

ARL3-YK-100-150

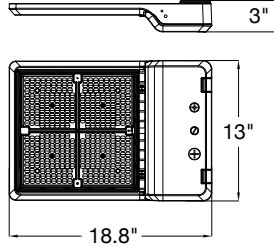
ARL3-YK-240-450

ARL3-WM

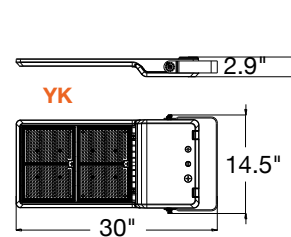
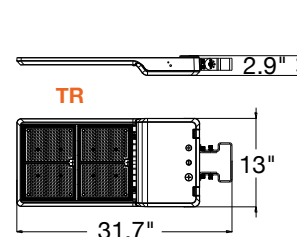
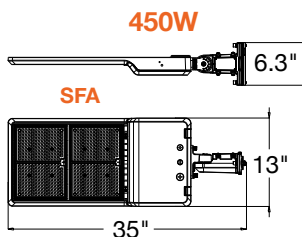
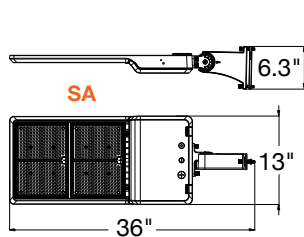
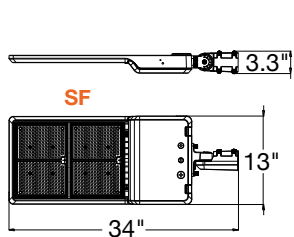
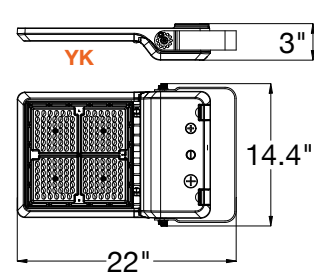
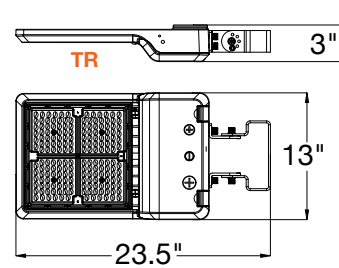
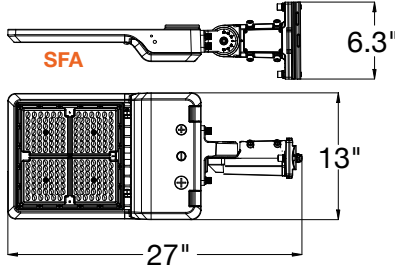
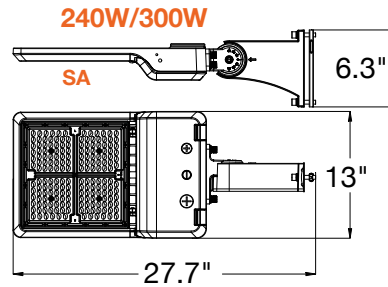
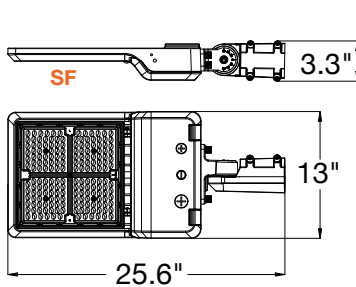
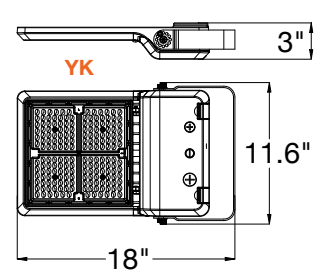
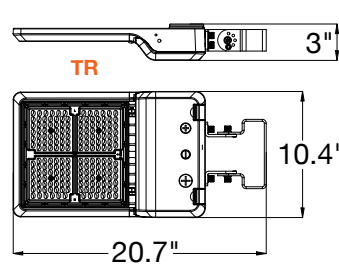
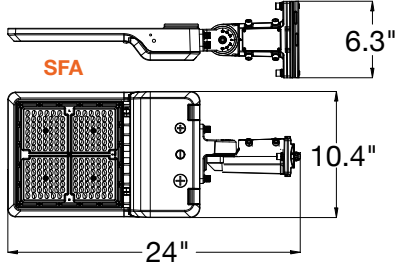
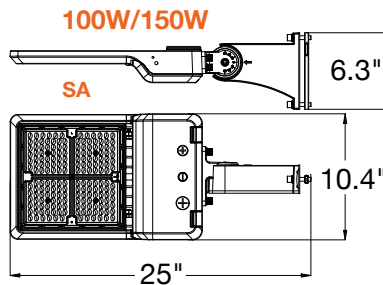
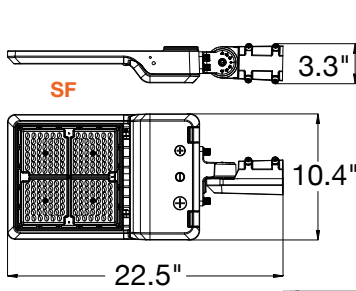
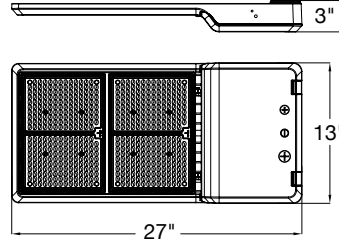
100W/150W



240W/300W



450W



ACCESSORIES



ARL3-YK-100-150
ARL3-YK-240-450

Yoke

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



ARL3-TR

Trunnion

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



ARL3-SA

Straight Arm Adjustable

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



ARL3-SF

Slip Fitter

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



ARL3-SFA

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



ARL3-WM

Wall Mount Adapter

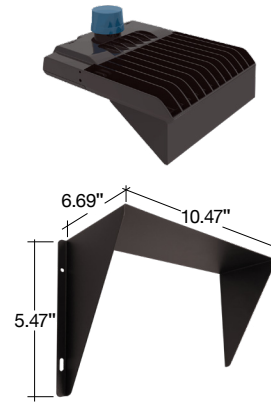
- Attach to SA or SFA arm
- Does not attach to the body of the fixture directly

| 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 |

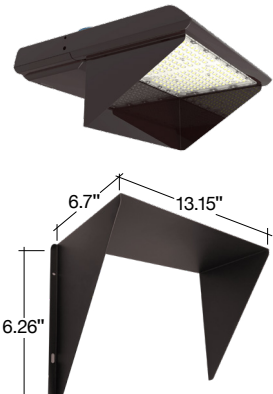
| Accessory Model | Description |
|----------------------|---|
| ARL3-SF | ARL3: Slip Fitter |
| ARL3-SA | ARL3: Straight Arm |
| ARL3-SFA | ARL3: Slip Fitter/Straight Arm Combo |
| ARL3-TR | ARL3: Trunnion |
| ARL3-YK-100-150 | ARL3: Yoke |
| ARL3-WM | ARL3: Wall Mount Adapter |
| ARL3-YK-240-450 | 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-HV | LC4535INT 3PIN Locking Type Thermal Photo Control 480V Intermatic |
| PC-TWL-UNV | JL207C 3PIN Locking 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 |

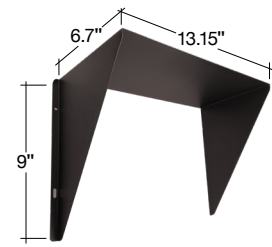
| Accessory | Description |
|--------------|--|
| S-TWC-MW-1 | S-Line: Twist-C Microwave Sensor Remote Required: (S-LINE-R) |
| S-TWC-PIR-1 | PIR Bi-Level Motion + Daylight Sensor (Remote Req'd) |
| S-TWC-PIR-SL | PIR SILVAIR Bluetooth Mesh |
| S-TWC-PIR-BT | PIR ENVISIONLS Bluetooth Control |
| S-TWC-DL | S-Line: Twist-C Daylight Sensor: Photocell |



ARL3-100-150W-HSS-BZ



ARL3-240-300W-HSS-BZ



ARL3-450W-HSS-BZ



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 Installed (Type II, IV, V included in box)
Tool-free interchangeable in the field



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











3 Pin Photocell
347-480V
PC-TWL-HV



PC
Short Cap
PC-SHORT-CAP

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. |