

**L70**  
25°C **72,000 Hours**



300W (Shown with included universal mounting arm)



SWITCHABLE DISTRIBUTION



SWITCHABLE POWER & CCT



INCLUDES UNIVERSAL ARM

### SPECIFICATIONS

#### Construction:

- Slim/sleek die-cast aluminum housing with stainless steel hardware and powder coat finish
- Integral heat sink fins maximize heat dissipation
- Hinged driver access door for ease of maintenance
- Universal adjustable arm included standard that can be mounted to 4" or 5" round or square poles, slipfit over a 2-3/8" tenon or be wall-mounted
- Includes (2) 6' conductor whips (3 conductor for building power supply and 2 conductor for dimming leads)

#### Optics/LEDs:

- 100 to 300 Watts with field-switchable lumen packages from 14,500 to 48,000 lumens
- Designed with zero uplight to eliminate light pollution
- Efficiencies up to 160 LPW maximize energy savings and utility rebates
- Field-switchable distribution between Type III, IV and V to optimize light distribution
- Field-switchable CCT between 3000K, 4000K and 5000K
- L70 ≥ 72,000 hours \ L90 ≥ 65,000 hours
- CRI >80

#### Electrical:

- Class 1 power supply, 120-277VAC, 50/60Hz
- 0-10V Dimming driver
- Power Factor ≥ 0.90
- 277-480VAC Dedicated driver option
- 10KA(@120-277V) or 20KA(@277-480V) Surge protection
- 3.5mm AUX jack for sensor

#### Installation:

- Hinged driver door for ease of access (coin plugs on the driver door provides ease of access to dipswitches for power, CCT and distribution selectability)
- Standard universal adjustable arm included that can be mounted to 4" or 5" round or square poles, 3" slipfitter to fit over 2-3/8" tenon or be wall-mounted

### PRODUCT DESCRIPTION

The ALSW Series universal switchable area luminaire offers performance and durability with a sleek one-piece die-cast aluminum and high efficacy of up to 160 lumens per watt. It not only features field switchable power (14,500 to 49,000 lumens) and CCT (3000K-4000K-5000K) it also allows for field switchable distributions between Type III, IV, and V to cater to diverse lighting needs while maintaining zero uplight to eliminate light pollution.

The ALSW provides incredible versatility with its control capabilities (built-in aux receptacle) and includes an adjustable universal arm in the box that can be mounted to 4" or 5" round or square poles, slipfit over a 2-3/8" tenon or be wall-mounted. To further enhance project flexibility, we also offer several other options and accessories, including shields, mounts and 480V capability. The ALSW Series is an excellent lighting solution for a wide range of outdoor applications such as parking lots, pathways, and building facades.

### ORDERING INFORMATION



Model	Wattage	Distribution	Input Voltage	CCT	Finish	Mount
ALSW	150 = 100-150W 300 = 200-300W	SD345 = T3/T4/T5 Switchable	HVS = 277-480VAC VS = 120-277VAC	CP = CCT & Power Switchable	BR = Bronze XX = Other Finishes	U = Universal Mount
<b>Options (Factory Installed)</b> PC3 = 3-Pin Twist Lock Receptacle PC7 <sup>1</sup> = 7-Pin Twist Lock Receptacle						
<b>Notes</b> <sup>1</sup> Not available with HVS option <sup>2</sup> Order as separate line item - Shipped in separate box for final installation in the field						
<b>Accessories<sup>2</sup> (Field installed, order as separate line item)</b> LE-MS3W-BL-AUX-HB1 = Bluetooth PIR Motion Sensor with Photocontrol, Black TL-MSP12-BL = Dimming Occupancy Sensor, PIR, Black Finish TL-MSSW-REMOTE = Remote for Sensor TLPR = 120-277VAC 3-Pin Twist Lock Photocontrol TLPR7 = 120-277VAC 7-Pin Twist Lock Photocontrol TLPRH = 347-480VAC 3-Pin Twist Lock Photocontrol TLSC = 3-Pin Shorting Cap ALSW-GS1-XX = Glare Shield, Up to 150W (XX = BL; Black, BR; Bronze, SV; Gray Alum, WH; White) ALSW-GS2-XX = Glare Shield, 200 to 300W (XX = BL; Black, BR; Bronze, SV; Gray Alum, WH; White) ALSW-FM1-XX = Flood Mount, Up to 150W (XX = BL; Black, BR; Bronze, SV; Gray Alum, WH; White) ALSW-FM2-XX = Flood Mount, 200 to 300W (XX = BL; Black, BR; Bronze, SV; Gray Alum, WH; White) ALSW-FWM-XX = Fixed Wall Mount (XX = BL; Black, BR; Bronze, SV; Gray Alum, WH; White)						

ORDERING EXAMPLE: ALSW-300-SD345-VS-CP-BR-U-PC3

**SPECIFICATIONS**

**Options:**

- 3-Pin Twist Lock receptacle (Option PC3)
- 7-Pin Twist Lock receptacle (Option PC7)

**Field Installed Accessories:**

- 3-Pin Twist Lock universal photocontrol (120-277VAC) for dusk to dawn lighting control (TLPR)
- 7-Pin Twist Lock universal photocontrol (120-277VAC) for dusk to dawn lighting control (TLPR7)
- 3-Pin Twist Lock universal photocontrol (347-480VAC) for dusk to dawn lighting control (TLPRH)
- Bluetooth enabled dimming occupancy sensor (LE-MS3W-BL-AUX-HB1), PIR, 120/277VAC
- Dimming occupancy sensor (TL-MSP12-BL), PIR, with photocontrol, 120/277VAC
- Multiple contractor friendly accessories available, see ordering information
- 3-Pin Shorting Cap (TLSC)

**Testing & Compliance:**

- cULus Listed for Wet Locations, tested to meet IP65 requirements
- DesignLights Consortium® (DLC) PREMIUM Qualified (consult QPL for qualified models)
- Operating temperature: -40°C to 50°C (-40°F to 122°F)
- 3G Vibration rated enclosure

**Warranty:**

- Five Year Warranty (Terms and Conditions Apply)
- 10 Year Warranty available upon request

SPECS AT A GLANCE		
Model	ALSW-150	ALSW-300
Wattage*	100W-120W-150W (Switchable)	200W-240W-300W (Switchable)
Lumens (lm)	14,500 - 24,000	29,000 - 48,000
Efficacy (LPW)	up to 160	
Distribution	Type 3, 4, 5 (Switchable)	
CCT (K)	3000K-4000K-5000K (Switchable)	
CRI	>80	
Input Voltage	120-277VAC or 277-480VAC	
Operating Temp	-40°C to 50°C (-40°F to 122°F)	
Certifications	UL Listed for Wet Locations, IP65, DLC PREMIUM	
Warranty	5 Years	
Weight	10.6 lbs	14.4 lbs

\* Nominal Wattage, tested at 4000K CCT. See performance table for details.

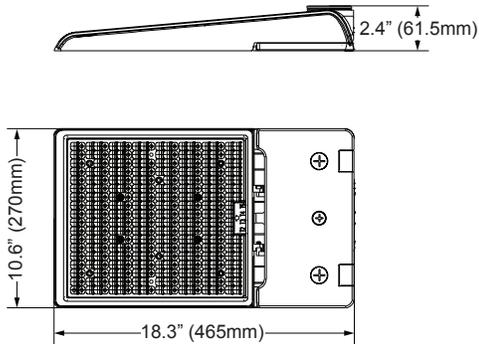
Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

**PERFORMANCE DATA**

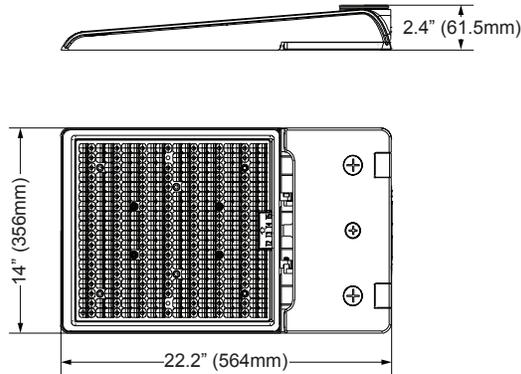
Model	Wattage	CCT	Distribution	Lumens	LPW	BUG Rating	CRI	DLC Categories
ALSW-150-SD345-VS-CP-BR-A (100W, T3, 4000K)	100W	4000K	Type III	16000lm	160 lm/W	B3-U0-G3	80	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires, Architectural Flood and Spot Luminaires
ALSW-150-SD345-VS-CP-BR-A (100W, T4, 4000K)	100W	4000K	Type IV	16500lm	165 lm/W	B3-U0-G3	80	
ALSW-150-SD345-VS-CP-BR-A (100W, T5, 4000K)	100W	4000K	Type V	16000lm	160 lm/W	B4-U0-G4	80	
ALSW-150-SD345-VS-CP-BR-A (120W, T3, 4000K)	120W	4000K	Type III	19000lm	158 lm/W	B3-U0-G3	80	
ALSW-150-SD345-VS-CP-BR-A (120W, T4, 4000K)	120W	4000K	Type IV	19800lm	165 lm/W	B4-U0-G4	80	
ALSW-150-SD345-VS-CP-BR-A (120W, T5, 4000K)	120W	4000K	Type V	19000lm	158 lm/W	B4-U0-G4	80	
ALSW-150-SD345-VS-CP-BR-A (150W, T3, 4000K)	150W	4000K	Type III	23250lm	155 lm/W	B4-U0-G4	80	
ALSW-150-SD345-VS-CP-BR-A (150W, T4, 4000K)	150W	4000K	Type IV	24000lm	160 lm/W	B4-U0-G4	80	
ALSW-150-SD345-VS-CP-BR-A (150W, T5, 4000K)	150W	4000K	Type V	23250lm	155 lm/W	B4-U0-G4	80	
ALSW-300-SD345-VS-CP-BR-A (200W, T3, 4000K)	200W	4000K	Type III	32000lm	160 lm/W	B4-U0-G4	80	
ALSW-300-SD345-VS-CP-BR-A (200W, T4, 4000K)	200W	4000K	Type IV	33000lm	165 lm/W	B4-U0-G4	80	
ALSW-300-SD345-VS-CP-BR-A (200W, T5, 4000K)	200W	4000K	Type V	32000lm	160 lm/W	B5-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (240W, T3, 4000K)	240W	4000K	Type III	37500lm	156 lm/W	B4-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (240W, T4, 4000K)	240W	4000K	Type IV	38400lm	160 lm/W	B5-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (240W, T5, 4000K)	240W	4000K	Type V	37500lm	156 lm/W	B5-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (300W, T3, 4000K)	300W	4000K	Type III	46500lm	155 lm/W	B4-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (300W, T4, 4000K)	300W	4000K	Type IV	48000lm	160 lm/W	B5-U0-G5	80	
ALSW-300-SD345-VS-CP-BR-A (300W, T5, 4000K)	300W	4000K	Type V	46500lm	155 lm/W	B5-U0-G5	80	

**DIMENSIONS**

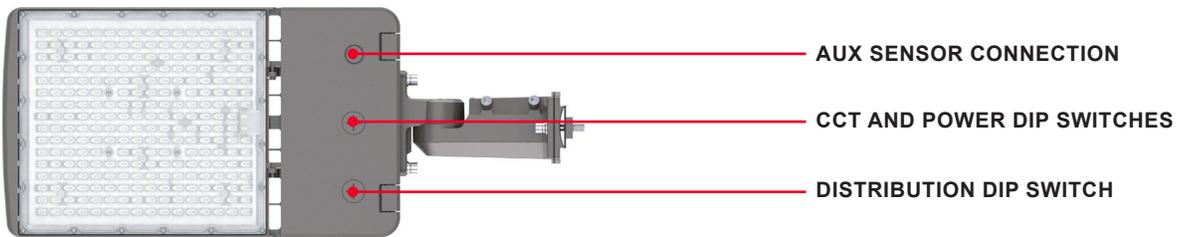
**DIMENSIONS (150W)**



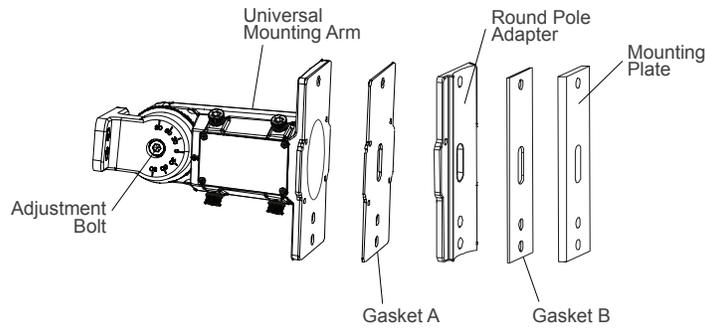
**DIMENSIONS (300W)**



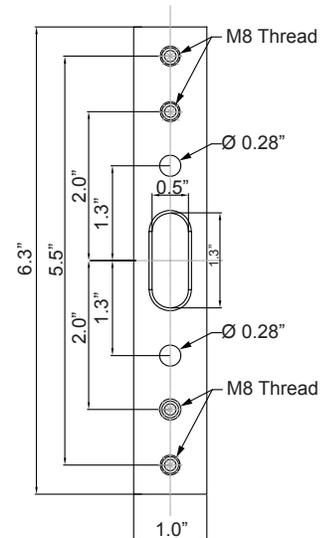
**DETAILS - SWITCH LOCATION**



**DETAILS - UNIVERSAL ARM**

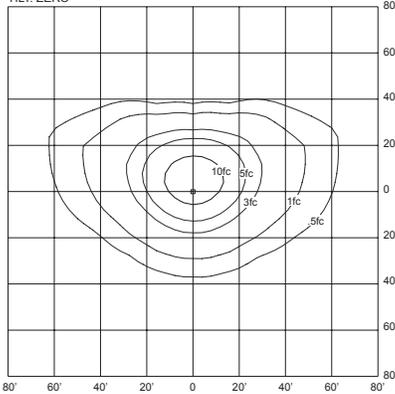


**DRILLING TEMPLATE (Std Mount)**

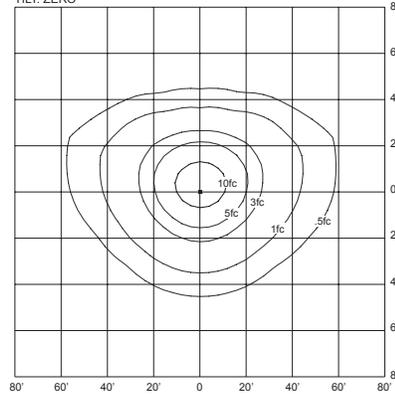


**SAMPLE PHOTOMETRY**

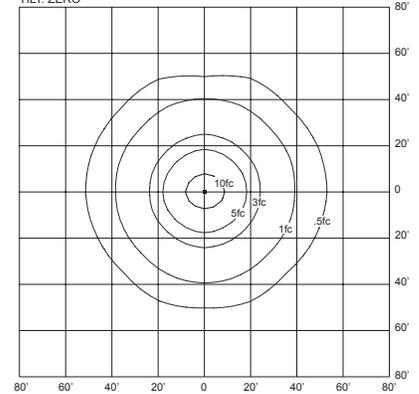
**ALSW-150-SD345-VS-C P (150W, 4000K, T3)**  
IES: TYPE III  
MOUNTING HEIGHT: 20'  
TILT: ZERO



**ALSW-150-SD345-VS-C P (150W, 4000K, T4)**  
IES: TYPE IV  
MOUNTING HEIGHT: 20'  
TILT: ZERO



**ALSW-150-SD345-VS-C P (150W, 4000K, T5)**  
IES: TYPE V  
MOUNTING HEIGHT: 20'  
TILT: ZERO



**EPA VALUES**

<b>Model</b>	1	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
<b>150W</b>	1.4	1.77	2.94	2.94	4.26
<b>300W</b>	1.62	2.08	3.38	3.38	3.38

**ACCESSORIES (SOLD SEPARATELY FOR FIELD INSTALLATION)**



**Glare Shield, Up to 150W**  
**ALSW-GS1**  
(Sold Separately)



**Glare Shield, 200 to 300W**  
**ALSW-GS2**  
(Sold Separately)



**Flood Mount, Up to 150W**  
**ALSW-FM1**  
(Sold Separately)



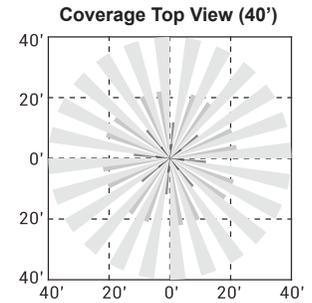
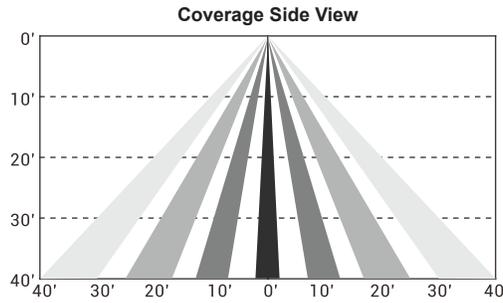
**Flood Mount, 200 to 300W**  
**ALSW-FM2**  
(Sold Separately)

**SENSOR DETAILS - BLUETOOTH ENABLED**

(Accessory LE-MS3W-BL-AUX-HB1)



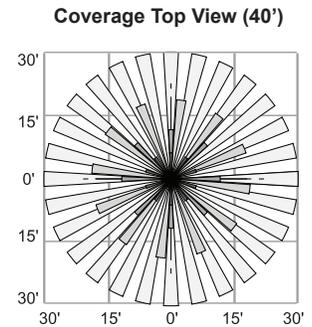
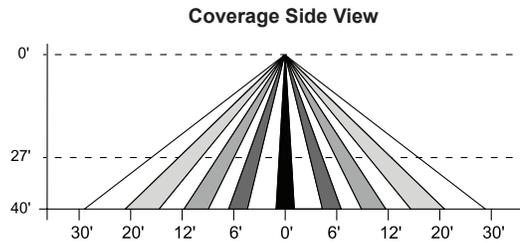
LE-MS3W-BL-AUX-HB1



**SENSOR DETAILS (Accessories TL-MSP12-BL and TL-MSSW-REMOTE)**



TL-MSP12-BL



**SENSOR SETTINGS (TL-MSSW-REMOTE)**

DETECTION RADIUS/ANGLE	MAX 60'/360°
MOUNTING HEIGHT	MAX 40'
REMOTE RANGE	MAX 33'
FREQUENCY	5.8 GHz
HIGH MODE	70%, 80%, 90%, 100% (DEFAULT 100%)
SENSITIVITY	20%, 50%, 75%, 100% (DEFAULT 100%)
HOLD TIME	10sec, 1min, 5min, 10min, 15min, 20min, 30min, 60min (DEFAULT 5min)
DAYLIGHT HARVESTING	☀️, 10Lux, 30Lux, 50Lux, 100Lux, 300Lux, 500Lux (DEFAULT disabled)
STANDBY DIM SETTING	0%, 10%, 30%, 50% (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	⏸️, 1min, 30min, 60min (DEFAULT 30min)



TL-MSSW-REMOTE  
(Sold Separately)

**POLE TOP ARMS**

	<p><b>RT2-90-2-BR</b> Round pole 90° tenon - 2 arms Vertical steel tenon adaptor to mount over a 2-3/8" O.D. round pole, two arms, 90°. Bronze finish.</p>		<p><b>RT2-120-3-BR</b> Round pole, 120° tenon - 3 arms Vertical steel tenon adaptor to mount over a 2-3/8" O.D. round pole, three arms, 120°. Bronze finish.</p>
	<p><b>RT2-180-2-BR</b> Round pole 180° tenon - 2 arms Vertical steel tenon adaptor to mount over a 2-3/8" O.D. round pole, two arms, 180°. Bronze finish.</p>		<p><b>RT2-90-4-BR</b> Round pole, 90° tenon - 4 arms Vertical steel tenon adaptor to mount over a 2-3/8" round pole, four arms, 90°. Bronze finish.</p>
	<p><b>RT2-90-3-BR</b> Round pole 90° tenon - 3 arms Vertical steel tenon adaptor to mount over a 2-3/8" O.D. round pole, three arms, 90°. Bronze finish.</p>		

**TENON ADAPTORS**

	<p><b>ST4-BR</b> Square tenon 4" 2-3/8" O.D. steel tenon adaptor to fit into 4" square pole. Includes 4x 5/16" hex stainless steel bolts. Bronze finish.</p>		<p><b>RT4-BR</b> Round tenon 4" 2-3/8" O.D. steel tenon adaptor to fit over 4" round pole. Not suitable for tapered poles. Includes 3x 3/8" hex stainless steel bolts. Bronze finish.</p>
	<p><b>ST5-BR</b> Square tenon 5" 2-3/8" O.D. steel tenon adaptor to fit into a 5" square pole. Includes 4x 5/16" hex stainless steel bolts. Bronze finish.</p>		<p><b>RT5-BR</b> Round tenon 5" 2-3/8" O.D. steel tenon adaptor to fit over 5" round pole. Not suitable for tapered poles. Includes 3x 3/8" hex stainless steel bolts. Bronze finish.</p>
	<p><b>YM-T-BR</b> Yoke mount tenon adaptor 2-3/8" O.D. steel tenon adaptor for use with yoke mount accessory. Bronze finish.</p>		

**WALL MOUNT ADAPTORS**

	<p><b>WM-T-90-BR</b> Wall mount 90° tenon 2-3/8" O.D. steel tenon adaptor with 90° arm for wall mount applications, for use with slipfitter accessory. Bronze finish. 3-1/4" Spacing between mounting holes.</p>		<p><b>WM-T-S-BR</b> Wall mount straight tenon 2-3/8" O.D. steel tenon adaptor arm for wall mount applications, for use with slipfitter accessory. Bronze finish.</p>
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