

AL6A SERIES AREA LIGHT

Client:
 Project:
 Type:
 Quantity:

CONSTRUCTION

Die-cast aluminum housing with hinged, die-cast aluminum door.
 Low profile, 3G vibration rated compact design minimizes wind load requirements.
 Downward opening electrical hinged door completely sealed against moisture and dust.
 CCT / Output Dipswitch accessible through knockout opening on driver enclosure.

OPTICS

UV-resistant polycarbonate optics, available in Type III distributions.
 Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

ELECTRICAL

80+ CRI Lumileds LED.
 -40°C up to 50°C (-40°F up to 122°F) maximum operating temperature.
 Long-life 120,000 hr LED at L70 @ 25°C.
 Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.
 50/60Hz, <11% THD, 0.9 power factor.
 Integral CCT / Output Selectable Dipswitch.
 Optional 10kV surge protection.

SENSORS (OPTIONAL)

SENSOR-BLE-6-4T Integral PIR ALS Control bluetooth/on/off/dimming/photosensing.
 SENSOR-ANT-6-4T Plug-N-Play PIR on/off/dimming/photosensing.
 SENSOR-PH-PB-U Integral button style photocell.
 SENSOR-PH-PT-U/UD Twist lock dimming/non-dimming photocontrol.

MOUNTING

Adjustable slipfitter mount bracket for 2-3/8" tenon as standard.
 Optional adjustable round (RL) or square (SL) pole mount.
 Optional adjustable wall mount (WM) bracket.

STANDARD FINISH

Corrosion resistant Dark Bronze powder coating finish.

CERTIFICATION

IP65 Wet location label standard.
 Meets Buy America Act requirements.
 IDA compliant: with 3000K color temperature selection.
 Title 24 compliant; see local ordinance for qualification information.
 All luminaires are built to UL1598 standards and bear appropriate cETLus labels.
 Electrical Driver and luminaire compliant with CE standard.
 DLC® Premium (DesignLights Consortium Qualified) listed.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



300W w/Slipfitter Mount

SHIPPING DATA

Product	Measurement	Weight
AL6A-150SC	23"L x 16"W x 6"H	11 lb
AL6A-300SC	24"L x 17"W x 6"H	17 lb



AL6A SERIES AREA LIGHT

ORDER INFORMATION				EXAMPLE : AL6A 150 SC T3 DB UNVD		
Fixture	Series	Power & LM	CCT	Distribution	Finish	Input
	AL6A		SC	T3	DB	UNVD
Mounting				Accessories Options		
A	SERIES					
	AL6A	Dual Selectable Area Light				
B	POWER & LM					
	Code	Power (W)	LM			
	150	Field Selectable 100 / 120 / 150	13,000 ~ 19,500			
	300	Field Selectable 200 / 240 / 300	26,000 ~ 39,000			
C	CCT					
	SC	Field Selectable 3000 ~ 5000K				
D	DISTRIBUTION					
	T3	Type III				
E	FINISH					
	Standard					
	DB	Dark Bronze				
F	INPUT					
	UNVD	120-277V, 1-10V Dimmable				
G	MOUNTING					
	MOUNT-P-SF	Slipfitter (STANDARD)	MOUNT-P-SS	Square Pole-S		
	MOUNT-P-SL	Square Pole-L	MOUNT-P-RS	Round Pole-S		
	MOUNT-P-RL	Round Pole-L	MOUNT-P-WM	Wall Mount		
H	ACCESSORIES/OPTIONS					
	AIA	Assembled in America, compliant with BAA (COTS)				
	SENSOR-ANT-6-4T*	Integral PIR on/off/dimming/photosensing				
	SENSOR-BLE-6-4T*	“Plug-N-Play” Integral Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App)				
	SENSOR-PH-PB-U*	Button Style Photocell				
	SENSOR-PH-PT-U / UD*	Twist Lock Photocell / U : 120-277V, UD : 120-277V				
	REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-ANT (1 per job)				
	SURGE-LSP4-U	10kV inline Surge Protection for Universal input / U : 120-277V				

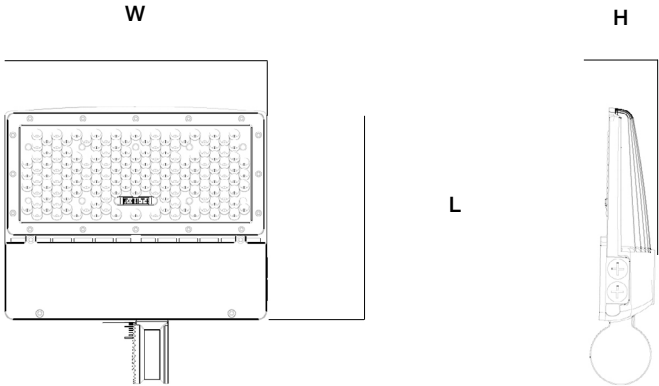
*see page 6 for sensor spec

AL6A SERIES AREA LIGHT

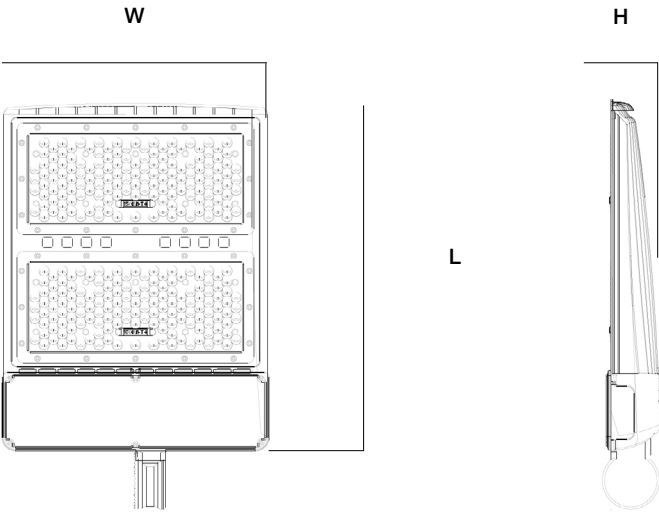
DIMENSIONS

Model	L	W	H
AL6A-150	10.31" (262mm)	12.71" (323mm)	2.66" (68mm)
AL6A-300	18.12" (460mm)	13.78" (350mm)	2.83" (72mm)

AL6A-150
 Single-board layout

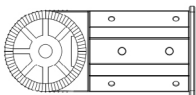
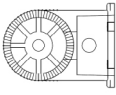
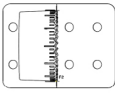
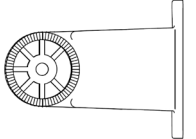
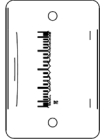
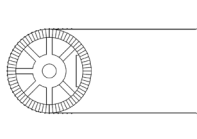
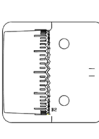
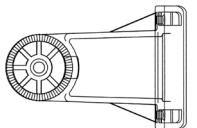
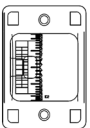
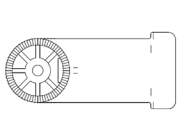


AL6A-300
 Dual-board layout



AL6A SERIES AREA LIGHT

MOUNTING OPTIONS

L		W		H		L		W		H	
											
SF (Slipfitter)						WM (Wall Mount)					
											
SL (Square Pole L)						SS (Square Pole-S)					
											
RL (Round Pole-L)						RS (Round Pole-S)					

L: 6.93" (176mm)
 W: 3.46" (88mm)
 H: 3.81" (97mm)

L: 4.69" (119mm)
 W: 4.82" (123mm)
 H: 3.54" (90mm)

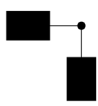
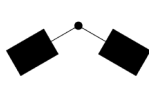
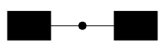
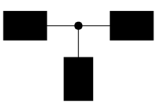
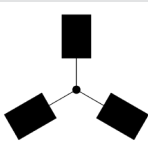
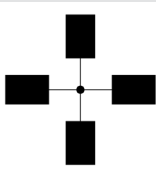
L: 7.13" (181mm)
 W: 3.74" (95mm)
 H: 5.51" (140mm)

L: 7.05" (179mm)
 W: 3.64" (93mm)
 H: 3.54" (90mm)

L: 8.09" (206mm)
 W: 3.74" (95mm)
 H: 5.51" (140mm)

L: 7.88" (200mm)
 W: 3.64" (93mm)
 H: 3.54" (90mm)

EPA (ft²)

															
Mounting Option		Single	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°							
AL6A-150		0.282	0.490	0.732	0.626	0.866	0.963	0.866							
AL6A-300		0.325	0.565	0.760	0.650	0.899	1.000	0.899							

AL6A SERIES AREA LIGHT

PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	DIST.TYPE	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100W	120-277V	III	12400	124	12700	127	13100	131
120W	120-277V	III	14880	124	15240	127	15720	131
150W	120-277V	III	19500	130	20100	134	20550	137
200W	120-277V	III	26200	131	27000	135	27600	138
240W	120-277V	III	31680	132	32640	136	33360	139
300W	120-277V	III	39900	133	41100	137	42000	140

DLC CODE

Part Number	DLC Part Number	DLC Class
AL6A - 150 SC T3 - DB UD 150W 3000K / 4000K / 5000K Selection	OEM Part# YR-PL322-W150D-Y1-[P,PM,M,N]-[A,B2,C2,D2,E2,FD,U](30/40/50K) Product ID: S-EWN1JU	Premium
AL6A - 300 SC T3 - DB UD 300W 3000K / 4000K / 5000K Selection	OEM Part# YR-PL322-W300D-Y1-[P,PM,M,N]-[A,B2,C2,D2,E2,FD,U](30/40/50K) Product ID: S-EWBTHA	Premium

AL6A SERIES AREA LIGHT

SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-ANT-6-4T	PIR	up to 40FT	30FT radius	12V DC	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-6-4T (see page7 for detail)	PIR	up to 40FT	30FT radius	12V DC	Bluetooth Mesh On/Off/Dimming Daylight Harvesting	ALS Control Bluetooth Mobile App
SENSOR-PH-PB-U	-	-	-	Universal	Dusk-to-Dawn Control	-
SENSOR-PH-PT-U SENSOR-PH-PT-UD	-	-	-	Universal	Dusk-to-Dawn Control	-



SENSOR-ANT-6-4T
 SENSOR-BLE-6-4T



SENSOR-PH-PB-U



SENSOR-PH-PT-U/UD



SENSOR-BLE-6-4T BLUETOOTH PIR SENSOR

Client:
Project:
Type:
Quantity:

FEATURE

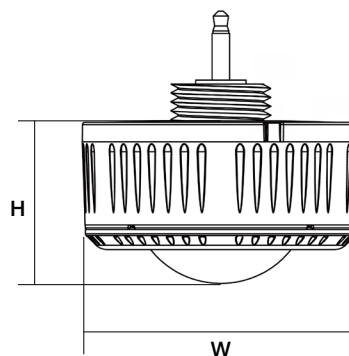
- **Installation:** Plug-N-Play via AUX socket on attached fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on or auto-off capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting
- **Room and Zone Control:** Zoning and Grouping control, Scheduling



SPECIFICATIONS

SENSOR TYPE:	Passive Infrared Sensor (PIR)
WIRELESS STANDARDS:	5.0 Bluetooth Mesh
INPUT VOLTAGE:	12-24VDC, >50mA
CONTROL OUTPUT:	0-10V
OPERATING TEMP:	-4°F ~ +140°F (-20°C ~ +60°C)
COMMISSIONING RANGE:	50FT
BLUETOOTH RANGE:	164FT
DETECTION ANGLE:	360°
MOUNTING HEIGHT:	Up to 40FT
WARRANTY:	5 years
IP RATING:	IP65

DIMENSIONS



H	W
1.03" (26.2mm)	2.17" (55mm)

COVERAGE PATTERNS

