Notes Project Type











Adjustable Head

AWL2S-LED

Select Series Wall light

SPECIFICATIONS						
	AWL2S-LED50	AWL2S-LED80	AWL2S-LED80A50			
Watts	51	81	80 (Max)			
Lumens	6,329	10,284	9,783			
Efficacy (Lm/W)	124	120	118			
B-U-G	2-2-1	3	3-2-1			
Replaces Up To	150W MH	175W/	250W MH			
Voltage	120-2	277V	120-347V			
Colour Temp		ole - 3000K/4 Factory set to	1000K / 5000K 4K			
Finish	Bro	nze, Custom Colour				
LED Life	100,000 Hours (L81)					
Working Temp	-40°C to +50°C					
CRI		>70				
Dimming	0-10V Dimming					
Options	Dimming high frequency motion sensor, 10kV Surge Protection					
Power Factor	0.900					
Weight (Lbs)		2.55				
# of Conduit Entries	s 5					
Photocell	Included					
Housing		Die Cast Alumin	ium			
Lens	С	lear Polycarboi	nate			













DESCRIPTION

The AWLS-LED select series wall light is a colour selectable fixture with an adjustable head to direct light wherever needed. Ideal for use in perimeter lighting, condos, schools, and town houses.

IDEAL APPLICATIONS











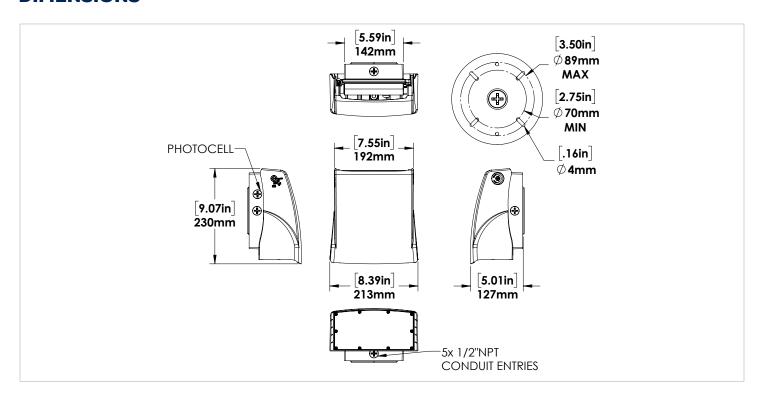


FEATURES

- Colour Selectable Fixture Installer can choose between 3000K/4000K/5000K through a switch inside the housing.
- AWL2S-LED80A50 is a lumen adjustable unit with 3 settings at 80W, 60W, and 50W.
- Adjustable head to direct light wherever needed.
- Hinge Assembly allows Installer to use both hands for wiring.
- Level bubble for quick alignment.
- Photocell is included and can be disabled/deactivated by a quick disconnect.
- Dimming High Frequency Motion sensor with remote control available.



DIMENSIONS



AMPERAGE DRAW & SURGE PROTECTION								
		CURRENT (A) S						
	120V	208V	240V	277V	347V	120-277V	120-347V	
AWL2S-LED50	0.44A	0.26A	0.22A	0.19A	х	4kV	X	
AWL2S-LED80	0.7A	0.41A	0.35A	0.31A	х	6kV	Х	
AWL2S-LED80A50	0.7A	0.41A	0.35A	0.31A	0.25A	Х	2.5kV	
TM-21 ESTIMATED LUMEN MAINTENACE								
	50,000 Hours 75,000 Hours 100,000 Hours							
AWL2S-LED50		90%		85	5%	81	%	
AWL2S-LED80		90%		85%		81	%	
AWL1S-LED80A50 LUMEN ADJUSTABLE SETTINGS								
Watts (W)	50			60		8	0	
Lumens (Lm)		5995		7194		9783		



DHFS MOTION SENSOR

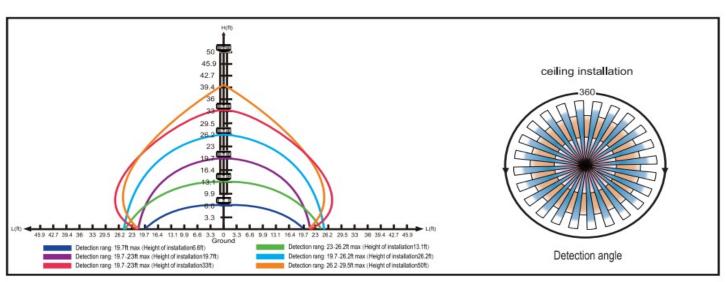
Dimming High Frequency Motion Sensor is factory installed.

DEFAULT SENSOR SETTINGS									
BRIGHTNESS	BRIGHTNESS SENSITIVITY HOLD ON DAYLIGHT DIMMING DIMMING TIME SENSOR LEVEL TIME								
100%	100%	5 min	☆(Disabled)	30%	60 mins				

DHFS SENSOR SPECIFICATIONS						
POWER SUPPLY	12V-24VDC (12VDC PROVIDED BY THE LED DRIVER)					
HF SYSTEM	5.8 GHZ ± 75MHZ					
DIM CONTROL OUTPUT	0-10 VDC, MAX. 25MA SINKING CURRENT					
DETECTION RADIUS/ANGLE	MAX 26FT (8M) /360°					
MOUNTING HEIGHT	MAX 40FT					
REMOTE RANGE	50 FT (15M) INDOOR, NO BACKLIGHT					
HUMIDITY	MAX. 95% RH					
TEMPERATURE	-40°F TO 158°F (-40°C TO 70°C)					
OPTIONS	BUILT-IN DAYLIGHT SENSOR THAT CAN BE TURNED ON USING RC-100 REMOTE					

NOTE: ONCE DEVICE IS POWERED, THE SENSOR WILL USE FACTORY DEFAULT SETTINGS. IF ADJUSTMENTS ARE NEEDED, RC100 WIRELESS IR CONFIGURATION TOOL MUST BE USED

DHFS DETECTION RANGE & RADIUS/ANGLE





RC100 REMOTE SPECIFICATIONS

FEATURES

BRIGHTNESS:

Sets the highest light xture brightness when motion is detected.

SENSITIVITY:

Sets the sensitivity to which the sensor will detect motion.

HOLD TIME:

BRIGHTNESS (70%) (80%) (90%) (100%)

SENSITIVITY (20%) (60%) (75%) (00%)

HOLD (10%) (1m) (5m) (10m)

TIME (15m) (20m) (30m) (60m)

OFF

o**r** 80% 00% 00%

(SEND

The time the light xture will remain at the brightness setting after it detects motion..

DAYLIGHT SENSOR:

The lux setting that the light xture will turn on/off. If the ambient lux is more than the de ned lux setting, the xture & sensor function will turn off and remain off until the ambient lux is below the setting. To disable the lux sensor, select the SUN icon. To set the lux to match current room conditions, select the EYE icon.

STAND-BY DIM:

The Dim level that the light xture will dim down after the Hold Time has expired.

To disable dimming and only have ON/OFF, select the 0% icon.

STAND-BY TIME:

The time the light xture will remain in the dim down state before it shuts off. To disable the light from shutting off, select the INFINITY icon.

RC100 REMOTE CONTROL SPECIFICATION					
Power Supply	2 x AAA 1.5V Batteries				
Communication Protocol	940 nm Infrared Tx & Rx				
Communication Range	Up to 15m (50 ft)				
Operating Temp.	0 °C to 50°C (32°F to 122°F)				
Dimensions	123x70x20.3mm (4.84"x2.76"x0.8")				



KEY FUNCTION

ON

Light fixture v

Light fixture will be set to permanently stay ON or OFF. Must press AUTO button to go back to sensor mode.



Displays the current remote-control parameters.



Navigate through the remote-control parameters and sets them to the desired settings.





Uploads the selected remote-control parameters to the light fixture sensor. The light fixture will turn on and off as confirmation the new settings have been set.



Light fixture sensor is set to sensor mode with the last sent parameters. This must be pressed to exit the ON/OFF setting.



Resets the light fixture sensor parameters. Default Settings $\label{eq:control}$

BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT SENSOR	STAND-BY DIM	STAND-BY TIME
100%	100%	5 minutes	Disabled	DIM: 30%	60 minutes



For Testing sensitivity only. The Standby period and daylight sensor are disabled in this mode. Must press AUTO button to go back to sensor mode.



Photocell Function: If this function is turned on, it is set to a specific lux setting (10, 30, 50, 100, 300, 500). When the lux level exceeds this setting, the sensor will wait and monitor for 1 minute to confirm the lux level is not temporary. After 1 minute, the lights will turn off even when the space is occupied. When the lux level goes below this setting, the light will turn on and remain on without any detected motion. This feature is disabled by default and is intended for outdoor use only.

Four modes are available with pre-set parameters. Any mode can be customized by following the steps below:





1. Select mode 1, 2, 3, or 4.



2. press the ARROW BUTTONS to choose the new parameters.

(MODE3) (MODE

NOTE: These settings are not yet set on the light fixture sensor. The remote needs to be pointed at the light fixture sensor, and the SEND button needs to be pushed.

 $NOTE: Modes\ 2, 3, and\ 4\ all\ have\ the\ same\ default\ settings.\ See\ instructions\ to\ change\ defaults.$

MODE DEFAULT SETTINGS	BRIGHTNESS	SENSITIVITY	HOLDTIME	DAYLIGHT SENSOR	STAND-BY DIM	STAND-BY TIME
(MODE1)	100%	100%	5 minutes	Disabled	DIM: 30%	Disabled





70% 20% 10 seconds Disabled 0% Disabled







ORDERING GUIDE

AWL2S			VK		DIM		
	WATTS	VOLTAGE	COLOUR TEMP.	FINISH	DRIVER	CONTROLS	OPTIONS
	LED 50 LED80	B - 120-277V*	VK - COLOUR SELECTABLE*	BRZ-BRONZE* CC - CUSTOM	DIM - 0-10V Dimming*	PC - PHOTOCELL* DHFS - DIMMING	BLANK SP10- 10KV SURGE
	LED80A50	H - 120-347V*	(can be adjusted to 3K, 4K, or 5K)	COLOUR***		HIGH FREQUENCY MOTION SENSOR	PROTECTION

ACCESSORIES

Options Sold Separately Check the items that you wish to order: 087016 - RC100 MOTION SENSOR REMOTE CONTROL (One remote control required per order to configu e custom settings for the DHFS sensor)

^{*}Standard Configuration.
**Is only available in 120-347V

 $[\]ensuremath{^{***}}$ Custom colours are only available with 30A15 and 120-347V configuration.