



LED AREA LIGHT WITH Q-BASE AND PHOTOCELL

PRO series

► **DESIGN** - LED AREA LIGHT WITH Q-BASE AND PHOTOCELL is extremely efficient with a 170lm/W output. With 10kV surge protection, it is designed to operate on 120-277V or 200-480V circuits with a 0-10V dimmable driver. The built-in motion sensor base allows you to install the microwave or PIR motion sensor. Integrated photocell switches the fixture on at night time. It can be easily deactivated with simple on/off switch.

► **COLOR AND POWER SELECTABLE** - You can choose either a 3,000K warm white, 4,000K cool white or 5,000K daylight color temperature, and change the power with a simple switch.

► **3G** - Vibration rated, withstands conditions with repeated vibration, making it conform to standards for roadway.

► **INSTALLATION** - This fixture is Wet Locations rated and can be pole, post, or wall mounted using the slip fitter bracket, arm bracket, floodlight bracket, or full trunnion bracket. It comes with a 4 ft cord. Perfect commercial or industrial solution for roadway lighting, highway lighting, sport lighting, parks, parking lots, backyards, and many other applications.

► **ADVANTAGES** - With calculated lifespan up to 163,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Premium certifications to guarantee top quality products and safety!



Model	Watts	Voltage	Dimmable	Lumens	CCT	Finish	Dimensions (LxWxH)	Cord	Pre-installed
LSB5A-PRO 170lm/W									
ASD-LSB5A-PRO-150WH	100/120/150W	120-277 V	0-10 V	up to 24,914 lm	3CCT (3,000/4,000/5,000 K)	White	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-150SL	100/120/150W	120-277 V	0-10 V	up to 24,914 lm	3CCT (3,000/4,000/5,000 K)	Silver	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-150BK	100/120/150W	120-277 V	0-10 V	up to 24,914 lm	3CCT (3,000/4,000/5,000 K)	Black	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-200WH	100/150/200W	120-277 V	0-10 V	up to 33,511 lm	3CCT (3,000/4,000/5,000 K)	White	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-200SL	100/150/200W	120-277 V	0-10 V	up to 33,511 lm	3CCT (3,000/4,000/5,000 K)	Silver	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-200BR	100/150/200W	120-277 V	0-10 V	up to 33,511 lm	3CCT (3,000/4,000/5,000 K)	Bronze	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-200BK	100/150/200W	120-277 V	0-10 V	up to 33,511 lm	3CCT (3,000/4,000/5,000 K)	Black	14-5/16" x 11" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-240WH	150/200/240W	120-277 V	0-10 V	up to 40,372 lm	3CCT (3,000/4,000/5,000 K)	White	18-1/2" x 12-9/16" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-240SL	150/200/240W	120-277 V	0-10 V	up to 40,372 lm	3CCT (3,000/4,000/5,000 K)	Silver	18-1/2" x 12-9/16" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-240BR	150/200/240W	120-277 V	0-10 V	up to 40,372 lm	3CCT (3,000/4,000/5,000 K)	Bronze	18-1/2" x 12-9/16" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-240BK	150/200/240W	120-277 V	0-10 V	up to 40,372 lm	3CCT (3,000/4,000/5,000 K)	Black	18-1/2" x 12-9/16" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-300SL	200/240/300W	120-277 V	0-10 V	up to 52,440 lm	3CCT (3,000/4,000/5,000 K)	Silver	18-1/2" x 12-9/16" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-500WH	300/400/500W	120-277 V	0-10 V	up to 84,732 lm	3CCT (3,000/4,000/5,000 K)	White	27-1/8" x 14-1/8" x 2-13/16"	3.9 ft	Photocell
ASD-LSB5A-PRO-500SL	300/400/500W	120-277 V	0-10 V	up to 84,732 lm	3CCT (3,000/4,000/5,000 K)	Silver	27-1/8" x 14-1/8" x 2-13/16"	3.9 ft	Photocell
SENSORS AND REMOTE									
ASD-09MW-WH	Microwave motion sensor 3pin white						2-1/8" x 2-1/8" x 1-5/16"	-	-
ASD-09MW-BK	Microwave motion sensor 3pin black						2-1/8" x 2-1/8" x 1-5/16"	-	-
ASD-09IR-WH	Infrared motion sensor 3pin 39 ft white						2-1/8" x 2-1/8" x 1-11/16"	-	-
ASD-09IR-BK	Infrared motion sensor 3pin 39 ft black						2-1/8" x 2-1/8" x 1-11/16"	-	-
ASD-09IR50-WH	Infrared motion sensor 3pin 50 ft white						2-1/8" x 2-1/8" x 1-11/16"	-	-
ASD-09MW-NLS-WH	Microwave motion sensor NLS 3pin white						2-1/8" x 2-1/8" x 1-3/8"	-	-
ASD-09IR-NLS-WH	Infrared motion sensor NLS 3pin 39 ft white						2-1/8" x 2-1/8" x 1-11/16"	-	-
ASD-06RC	Remote control for motion sensor						5-11/16" x 1-3/4" x 13/16"	-	-

For detailed luminous flux information please refer to Annex 1, page 8.

For most up-to-date spec sheets please refer to asd-lighting.com

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PRODUCT SPECIFICATIONS:

Construction & Materials						
Housing	Aluminum					
Lens	PC					
Finish	White, Silver, Bronze, Black					
Weight	ASD-LSB5A-PRO-150WH	7.3 lbs (3.3 kg)	ASD-LSB5A-PRO-200BR	7.3 lbs (3.3 kg)	ASD-LSB5A-PRO-240BK	9.5 lbs (4.3 kg)
	ASD-LSB5A-PRO-150SL		ASD-LSB5A-PRO-200BK		ASD-LSB5A-PRO-300SL	9.7 lbs (4.4 kg)
	ASD-LSB5A-PRO-150BK		ASD-LSB5A-PRO-240WH	9.5 lbs (4.3 kg)	ASD-LSB5A-PRO-500WH	17.4 lbs (7.9 kg)
	ASD-LSB5A-PRO-200WH		ASD-LSB5A-PRO-240SL		ASD-LSB5A-PRO-500SL	
	ASD-LSB5A-PRO-200SL		ASD-LSB5A-PRO-240BR			
Environmental system						
Work environment	Suitable for Wet Locations, IP66					
Operating temperature	-40°F to 122°F (-40°C to 50°C)					
L-70 Life	R > 54,000 hrs; C > 163,000 hrs					
Optical system						
Color temperature	3CCT switch (3,000/4,000/5,000 K), 5,000 K by default					
CRI	> 70					
Electrical system						
Input voltage	Regular voltage: 120-277 V					
Max input current	ASD-LSB5A-PRO-150WH	2 A	ASD-LSB5A-PRO-200BR	2.6 A	ASD-LSB5A-PRO-240BK	3 A
	ASD-LSB5A-PRO-150SL		ASD-LSB5A-PRO-200BK		ASD-LSB5A-PRO-300SL	4 A
	ASD-LSB5A-PRO-150BK		ASD-LSB5A-PRO-240WH	3 A	ASD-LSB5A-PRO-500WH	6 A
	ASD-LSB5A-PRO-200WH	ASD-LSB5A-PRO-240SL	ASD-LSB5A-PRO-500SL			
	ASD-LSB5A-PRO-200SL	ASD-LSB5A-PRO-240BR				
Inrush current (Action time)	80 A (0.35 S)		for LSB5A 300W models: 100 A (0.35 S)			
Off state power	0W					
Power consumption	ASD-LSB5A-PRO-150WH	100/120/150W	ASD-LSB5A-PRO-200BR	100/150/200W	ASD-LSB5A-PRO-240BK	150/200/240W
	ASD-LSB5A-PRO-150SL		ASD-LSB5A-PRO-200BK		ASD-LSB5A-PRO-300SL	200/240/300W
	ASD-LSB5A-PRO-150BK		ASD-LSB5A-PRO-240WH	150/200/240W	ASD-LSB5A-PRO-500WH	300/400/500W
	ASD-LSB5A-PRO-200WH	ASD-LSB5A-PRO-240SL	ASD-LSB5A-PRO-500SL			
	ASD-LSB5A-PRO-200SL	ASD-LSB5A-PRO-240BR				
Power factor	> 0.9					
Output voltage	180-260 V					
Max output current	ASD-LSB5A-PRO-150WH	0.5-0.75 A	ASD-LSB5A-PRO-200BR	0.65-0.9 A	ASD-LSB5A-PRO-240BK	0.75-1.1 A
	ASD-LSB5A-PRO-150SL		ASD-LSB5A-PRO-200BK		ASD-LSB5A-PRO-300SL	1.1-1.5 A
	ASD-LSB5A-PRO-150BK		ASD-LSB5A-PRO-240WH	0.75-1.1 A	ASD-LSB5A-PRO-500WH	1.5-2.2 A
	ASD-LSB5A-PRO-200WH	ASD-LSB5A-PRO-240SL	ASD-LSB5A-PRO-500SL			
	ASD-LSB5A-PRO-200SL	ASD-LSB5A-PRO-240BR				
Surge protection DM/CM	6 kV / 6 kV		for LSB5A 500W models: 10 kV / 10 kV			
Effective projected area (EPA) ratings						
Fixture quantity	 Single	 Double 180°	 Double 90°	 Triple 90°	 Triple 120°	 Quad 90°
150-200W	0.28 ft²	0.52 ft²	0.52 ft²	0.8 ft²	0.74 ft²	0.8 ft²
240-300W	0.33 ft²	0.61 ft²	0.69 ft²	0.85 ft²	0.83 ft²	0.85 ft²
500W	-	-	-	-	-	-
Dimming compatible controls						
Brand	Eaton					
Models	SF10P		DF10P			
Regular and voluntary certifications						
5-year limited warranty						
DesignLights Consortium (DLC) listed (Classification: Premium) Main: Outdoor luminaires; General application: High/Very high output (Very high output for models from 240W and higher); Primary use: Outdoor pole/arm-mounted area and roadway/decorative luminaires						
UL certified E473804						

PACKAGE CONTENTS:

Description	Quantity
LED Area Light with G-base and photocell	1
Box	1

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Description	Quantity
LED Area Light with Q-base and photocell	1
Box	1

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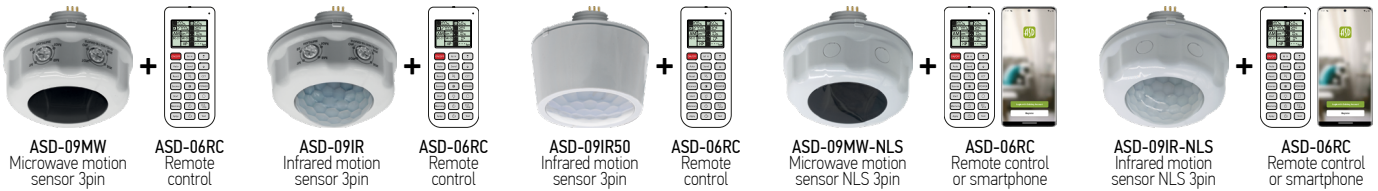
MOTION SENSOR INFORMATION

REMOTE CONTROL **ASD-06RC** sold separately

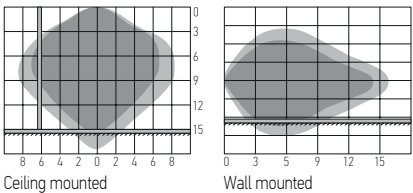


Button	Remarks	Button	Remarks	Button	Remarks
ON/OFF ON/OFF	Turn the sensor ON/OFF.	M H Mounting height	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.	Up	The main functional buttons to adjust the factors to desired level.
Auto Auto	Enter "sensor mode" and perform previous settings.	Send Send	Memorize and send out the previous setting of individual parameters.	Down	Press + - button to dim light directly auto in non-detection mode.
Reset Reset	Enter "sensor mode" and perform the default settings.	% Detection range	Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + - buttons to adjust.	CCT CCT selectable	Not applicable to this product.
Scenes Scenes	Shows current settings saved in remote.	Daylight sensor	The preset lux level at which motion will be detected. Use this button and the + - buttons to adjust.	POWER Power	Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%.
Start Start	Press this to begin scene setup.	Stand-by dimming	After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + - buttons to adjust.	Reserved button	Not applicable to this product.
Memory Memory	Saves the scene settings.	Hold time	The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + - buttons to adjust.	Daylight harvesting	Daylight harvesting function enabled or disabled.
Apply Apply	Applies current scene settings to the fixture.	Stand-by period	The period after holdtime, during which the light keeps standby dimming level. Use this button and the + - buttons to adjust.	Test button	Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.

! Use the ASD-06RC remote control to put the ASD-09-NLS sensor in pairing mode. Point the remote control at the sensor and press the "RESET" button.



MICROWAVE MOTION SENSOR:



Highest mounting height is 49.2 ft (15 m). This figure indicates the maximum distance at the highest mounting height with 100 % sensitivity.

■ Well detected area
■ Possibly detected area

Ceiling mounted

Wall mounted

User notes:

1. Microwaves can penetrate walls or glass thinner than 0.8" but will be impaired if thicker than 0.8".
2. The driver voltage shall be stable and float within 10 %.
3. Detection area will be affected by speed of motion, mounting height and movement volume.
4. Conduct testing with adequate ambient lighting for best results.
5. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
6. The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF.

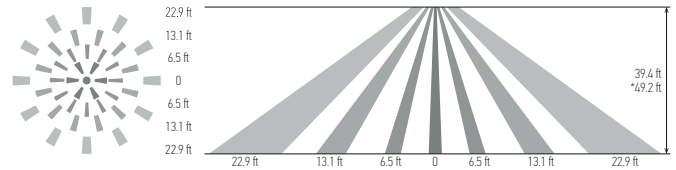
Installation precautions:

1. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive.
2. Make sure the microwave module is completely exposed.
3. The detection surface of the sensor module should be installed facing the detection area.

Application environment:

1. Suitable for indoor application, half/completely outdoor environment conditions might trigger the sensor.
2. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.
3. Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference.

INFRARED MOTION SENSOR:



Mounting height < 39.4 ft (12 m) ceiling mounting (* for ASD-09IR50 < 49.2 ft (15 m))

User notes:

1. The driver voltage shall be stable and float within 10%.
2. Detection area options may not function as expected because they depend on the Fresnel lens, which physically determines their operation.
3. Detection distance performance works better when moving parallel to the sensor as opposed to towards it.
4. Conduct testing with adequate ambient lighting for best results.
5. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
6. The first time powering ON the sensor, light will be ON 100% for about 45S then dims to standby level or OFF.

Installation precautions:

1. PIR sensor can't be placed inside any material, fresnel lens must be completely exposed in air.
2. Fresnel lens of the PIR sensor must be lower than light fixture.
3. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on a wall because it will become more sensitive.

Application environment:

1. Suitable for indoor application, partial/completely outdoor environment conditions might trigger the sensor.
2. The PIR sensor is not suitable for environments with sudden changes in temperature or airflow.
3. Not suitable environment if there's shelves between the sensor and target area.
4. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.

Specifications	models: ASD-09MW, ASD-09MW-NLS	models: ASD-09IR, ASD-09IR-NLS	models: ASD-09IR50	Default setting
Detection area	25 %/50 %/75 %/100 %			100 %
Hold time	Remote control: 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min Built-in switch: 5 s/1 min/5 min/10 min			10 min
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/200 lux (18.6 fc)/250 lux (23.2 fc)/300 lux (27.9 fc)/350 lux (32.5 fc)/400 lux (37.2 fc)/disable			Disable
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/30 min/60 min/+ ∞			0 s
Standby dimming level	Remote control: 10 %/20 %/30 %/50 % Built-in switch: 0 %/10 %/30 %/50 %			10 %
Operating voltage	10 - 15 V			-
Operating current	< 30 mA	< 15 mA	< 30 mA	-
Mounting height	max 49.2 ft (15 m)	max 39.4 ft (12 m)	max 49.2 ft (15 m)	-
Detection range	≥ 9 ft (3 m)	9.8 - 22.9 ft (3-7 m)		-
Operating frequency	5.8 GHz ± 75 MHz	-	-	-
Transmitting power	< 0.3 mW	-	-	-

For most up-to-date spec sheets please refer to asd-lighting.com

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ASD NLS is a professional-grade smart control application designed to manage and control lighting fixtures in commercial properties. With ASD NLS, you can conveniently control your lights from your smartphone or PC, anytime and anywhere.

You can group fixtures by rooms, floors and objects, and create schedules based on day and time. You can also grant permanent or temporary permissions to employees and guests with different access levels. Our smart platform enables you to monitor energy usage statistics, view the status of each fixture, and much more.

► For **ASD-NLS sensors** download ASD NLS App and add the fixture to it according to the manual (download manuals and app from the links or scan the QR codes on the right).



[Desktop manual](#)



[Smartphone manual](#)



ASD-09MW-NLS
Microwave motion sensor NLS 3pin



ASD-09IR-NLS
Infrared motion sensor NLS 3pin



[ASD NLS APP download Android](#)



[ASD NLS APP download iOS](#)



FIXTURE CONTROL

Set brightness, standby time and dimming level, or apply scenes and schedules.



SCHEDULING

Set a variety of customizable start / end actions based on time of day and days of the week.



ADVANCED AREA MANAGEMENT

Create and customize projects for different types of areas, buildings, floors and zones.



CONTROL PERMISSIONS

Give your staff or installers control over the lighting.



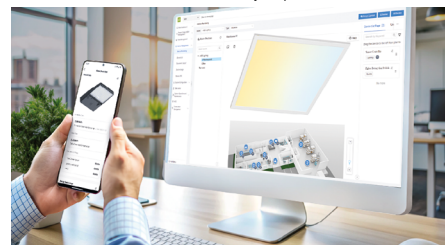
ADVANCED ENERGY CONSUMPTION

Monitor equipment status and receive daily reports.



PROJECT OVERVIEW

Monitor device status and daily reports.



For most up-to-date spec sheets please refer to asd-lighting.com

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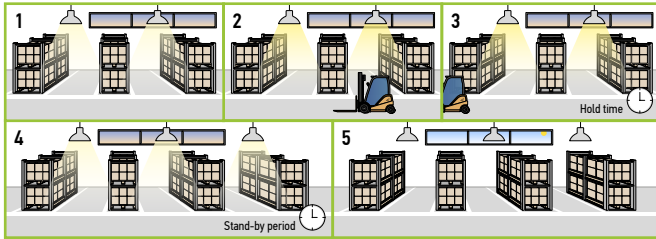


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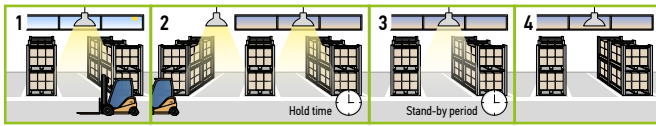
WITH DUSK/DAWN FUNCTION:

1. With insufficient ambient brightness, sensor turns on light and keeps it at standby dimming level even if there is no motion or presence.
2. When sensor detects motion or presence it will bring the light level up to 100 %.
3. After motion is no longer detected, fixture remains at 100 % for hold time.
4. After the preset hold time period, it will dim to the standby dimming level and maintain it indefinitely.
5. With sufficient ambient brightness, sensor will turn OFF light automatically.



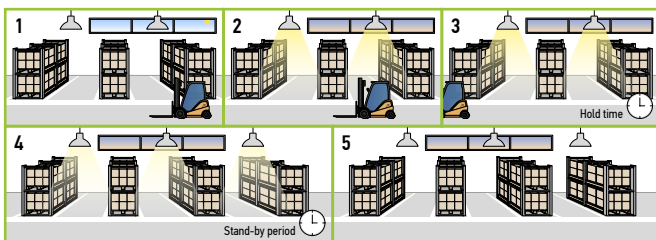
WITH DAYLIGHT DISABLED:

1. Sensor turns ON light when motion is detected.
2. Light will stay on after detecting motion for the desired hold time.
3. Sensor dims light to standby dimming level after hold time if there is still no motion.
4. Sensor turns OFF light after standby period.



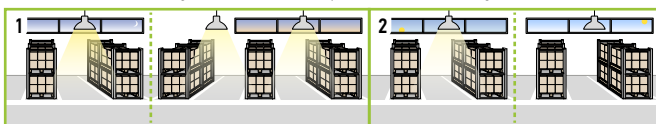
WITH DAYLIGHT THRESHOLD:

1. With sufficient daylight, the light remains OFF even after motion is detected.
2. With insufficient daylight, the sensor turns light ON when motion is detected.
3. After there's no motion detected, the sensor keeps light ON 100 % for holdtime.
4. After holdtime, sensor dims light to standby dimming level for standby period. If the standby period has been set as 0s, sensor turns light OFF automatically after holdtime.
5. The sensor turns OFF light automatically after the standby period when there's no motion detected.



DAYLIGHT HARVESTING:

1. When the ambient brightness is lower than the preset lux level, the sensor will automatically turn on the light and adjust the dimming according to changes in ambient brightness. As it gets darker outside, the fixtures will brighten, and as it gets brighter outside, the fixtures will dim.
2. When the ambient brightness exceeds the preset lux level, the light will turn OFF.

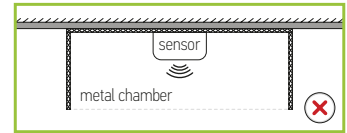
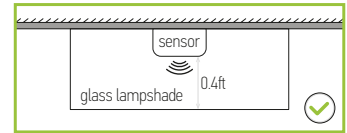
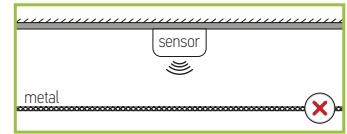


MICROWAVE MOTION SENSOR:

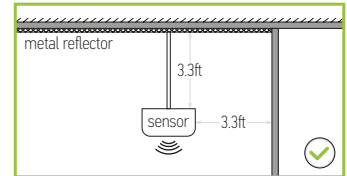
To avoid blocking the microwave emission, the microwave sensor can not be covered with metal materials, be sprayed with a coating of metal components, or have attached metal material or stickers etc.

The distance between the antenna and the glass (dielectric material) should be no less than 0.4 ft when the sensor is within the glass lampshade. Otherwise, the microwave motion sensor will not penetrate the glass easily.

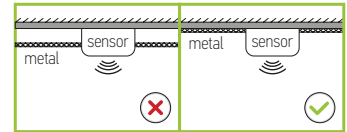
Avoid placing the sensor inside a metal chamber, this may cause a mis-trigger.



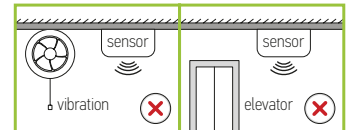
The sensor should not be placed in a small confined space. To avoid increasing the sensor detection range or abnormal operation, the sensor should be kept away from large areas of metal and glass reflectors (separation distance at least 3.3 ft). Reduce the detection area setting.



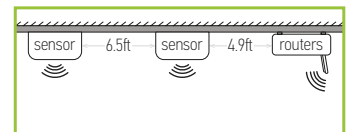
To avoid affecting the microwave signal transmission, the microwave antenna should be higher than the surrounding metal surface.



Any vibration or movement may trigger the sensor. Ensure the sensor is far from any constant movement.

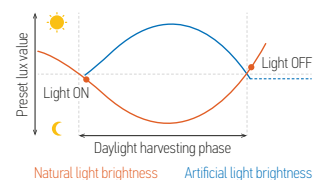


At least 2 m/6.5 ft distance between microwave sensors;
1.5 m/4.9 ft between the sensor and other wireless devices such as routers to avoid possible radio interference.



DAYLIGHT HARVESTING SETTING:

1. Adjust "daylight" value higher than 50lux.
2. Preset "standby period" 0S.
3. Press "daylight harvesting" button on remote control to activate.



For most up-to-date spec sheets please refer to asd-lighting.com



LED AREA LIGHT WITH Q-BASE AND PHOTOCELL

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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation!

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury – read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

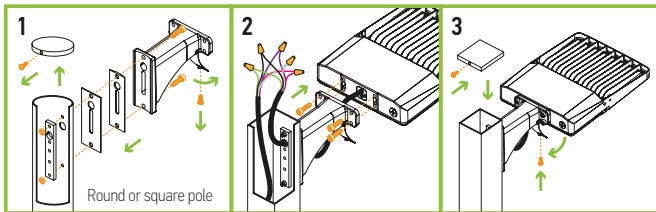
Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

ARM MOUNTING BRACKET:

ASD-AM-LSB5 sold separately

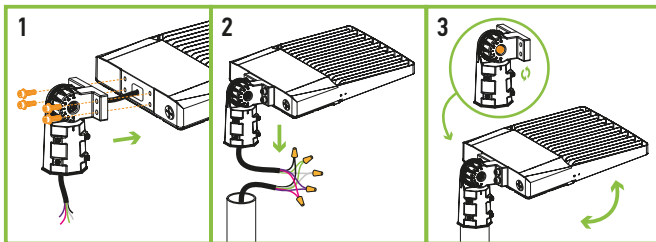
1. Open up the door on the arm bracket (1 screw). Install the mounting arm onto the pole (2 bolts). Make sure the silicone gaskets form a tight seal.
2. Thread the cord from the fixture through the bracket into the pole and tighten the four M8 screws on the body of the light. Wire in accordance with wiring schematic.
3. Close the door on the arm bracket (1 screw).



SLIP FITTER MOUNTING BRACKET:

ASD-SF-LSB5 **ASD-SF2-LSB** sold separately

1. Thread the wire through the slip fitter and secure it to the fixture with four screws.
2. Make AC connections in accordance with wiring diagram.
3. If necessary adjust the fixture angle with the large hex bolt on the side of the slip fitter.



* The wiring is inside the pole, the side is sealed with a rubber ring and secured with screws, preventing water from getting inside the fixture.

BUILT-IN PHOTOCELL INFORMATION

Specifications

Light level to turn ON	≤ 80 lux (≤ 7.4 fc)
Light level to turn OFF	≥ 150 lux (≥ 13.9 fc)
Operating temperature	-40°F to 140°F (-40°C to 60°C)

The fixtures with a built-in photocell automatically turn off during daylight hours, if you do not need this function, please switch it off.

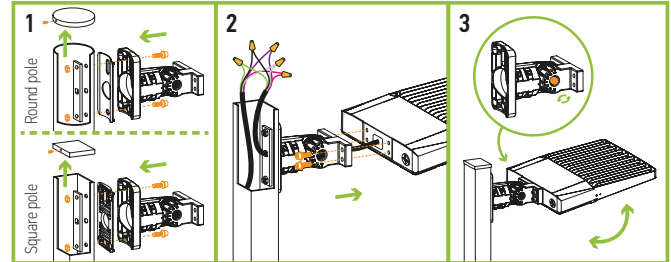


Integrated photocell switches the fixture on at night time. It can be easily deactivated by putting the cap on.

ADJUSTABLE ARM MOUNTING BRACKET:

ASD-AMR-LSB5 **ASD-AMR2-LSB** sold separately

1. Open up the door on the arm bracket (1 screw). Install the mounting arm onto the pole (2 bolts). Make sure the silicone gaskets form a tight seal. Choose gasket depending on the shape of the pole (round or flat).
2. Thread the cord from the fixture through the bracket into the pole and tighten the four M8 screws on the body of the light. Wire in accordance with wiring schematic.
3. Adjust the fixture angle with the large hex bolt on the side of the bracket if necessary.

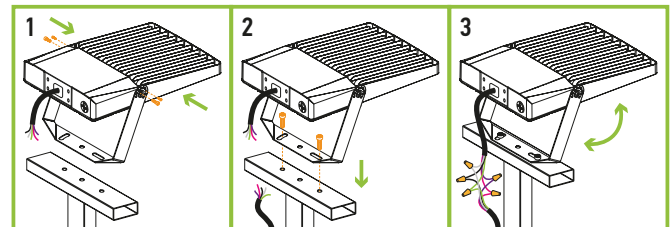


FLOODLIGHT MOUNTING BRACKET:

ASD-FM1-LSB5 **ASD-FM2-LSB5** **ASD-FM3-LSB5**

sold separately

1. Drill holes on the mounting surface corresponding to the holes in the arm. Attach fixture to bracket with 2 screws.
2. Align bracket holes with mounting surface holes and secure with 2 screws.
3. Wire in accordance with the wiring schematic. Seal the connections with the back plate of the fixture. Adjust fixture angle as needed.



For most up-to-date spec sheets please refer to asd-lighting.com

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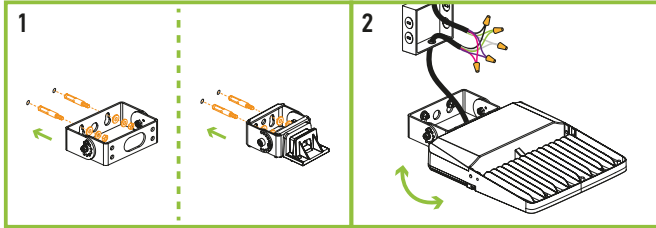
LED AREA LIGHT WITH Q-BASE AND PHOTOCELL

PRO series

FULL TRUNNION MOUNTING BRACKET:

ASD-TR-LSB5 ASD-TR2-LSB sold separately

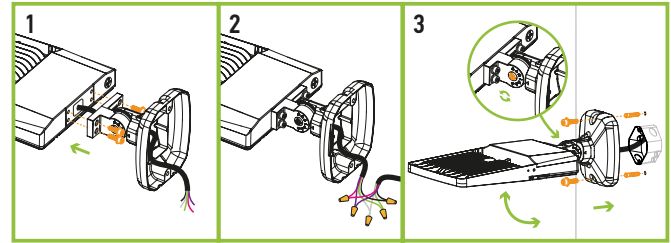
1. Drill holes on the mounting surface matching in size to the holes on the arm. Secure the bracket on the wall with screws. Pull wires through mount, secure fixture to the bracket.
2. Wire the AC power into the water tight junction box as shown in the wiring schematic diagram. Adjust the screw position to get desired angle when necessary.



WALL MOUNTING BRACKET:

ASD-WMB-LSB sold separately

1. Take the bracket apart. Mark and drill two holes in the wall. Insert two dowels into the holes and secure the bracket to the wall using bolts. Then, feed the wire from the bracket into the lamp body. Once properly positioned, use four screws to fasten the lamp body to the gasket.
2. Wire according to the electrical schematic diagram.
3. Put the bracket on the bolt with screws. Turn the large screws to adjust the angle.

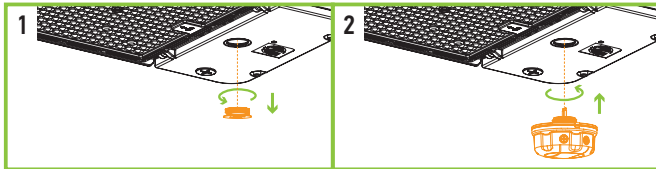


MOTION SENSOR INSTALLATION:

ASD-09MW ASD-09IR ASD-09IR50

ASD-09MW-NLS ASD-09IR-NLS sold separately

1. Unscrew the sensor base cap.
2. Insert and twist the sensor until it is tight on the base surface.



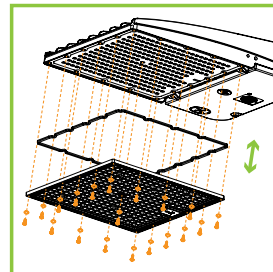
LENS INSTALLATION:

ASD-L2A-LSB5 ASD-L4A-LSB5 ASD-L5A-LSB5 ASD-L2B-LSB5

ASD-L4B-LSB5 ASD-L5B-LSB5 sold separately

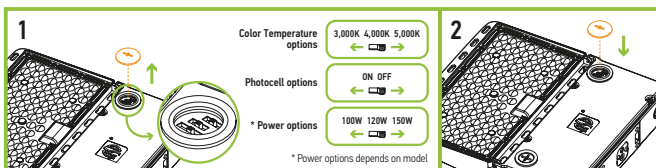
1. Unscrew all screws from the original lens (T3-M) on the housing.
2. Install the rubber ring on new lens (T4/T5-M, sold separately).
3. Place the lens on the housing and make sure it fits the LEDs correctly.
4. Tighten all the screws back.

Models	Lens
150W, 200W	1 lens (L2A, L4A, L5A)
240W, 300W	1 lens (L2B, L4B, L5B)
500W	2 lenses (L4B, L5B)



POWER, COLOR TEMPERATURE AND PHOTOCELL SETTINGS:

1. Open knock-out cap in the front panel of the fixture. Select needed power, color temperature and on/off photocell mode with a simple switch.
2. Then close the knock-out cap back.



ANNEX 1

Model LSB5A	Watts	3,000 K	4,000 K	5,000 K
ASD-LSB5A-PRO-150WH	100W	17,162 lm	18,151 lm	17,621 lm
ASD-LSB5A-PRO-150SL	120W	19,830 lm	21,076 lm	20,596 lm
ASD-LSB5A-PRO-150BK	150W	24,391 lm	25,823 lm	24,194 lm
ASD-LSB5A-PRO-200WH	100W	18,185 lm	18,424 lm	18,280 lm
ASD-LSB5A-PRO-200SL	150W	54,861 lm	26,081 lm	25,791 lm
ASD-LSB5A-PRO-200BR	200W	32,066 lm	33,511 lm	33,400 lm
ASD-LSB5A-PRO-200BK				
ASD-LSB5A-PRO-240WH	150W	25,914 lm	26,973 lm	26,348 lm
ASD-LSB5A-PRO-240SL	200W	33,065 lm	34,592 lm	33,863 lm
ASD-LSB5A-PRO-240BR	240W	38,259 lm	40,372 lm	39,470 lm
ASD-LSB5A-PRO-240BK				
ASD-LSB5A-PRO-300SL	200W	35,403 lm	37,240 lm	36,992 lm
	240W	40,979 lm	43,398 lm	42,728 lm
	300W	48,920 lm	52,440 lm	51,504 lm
ASD-LSB5A-PRO-500WH	300W	51,972 lm	54,980 lm	57,693 lm
ASD-LSB5A-PRO-500SL	400W	65,730 lm	69,822 lm	69,515 lm
	500W	79,941 lm	84,732 lm	83,958 lm

Model	BUG rating
ASD-LSB5A-PRO-150WH	B3-U3-G3
ASD-LSB5A-PRO-150SL	
ASD-LSB5A-PRO-150BK	
ASD-LSB5A-PRO-200WH	B4-U3-G4
ASD-LSB5A-PRO-200SL	
ASD-LSB5A-PRO-200BR	
ASD-LSB5A-PRO-200BK	
ASD-LSB5A-PRO-300SL	B5-U3-G5
ASD-LSB5A-PRO-500WH	B5-U0-G5
ASD-LSB5A-PRO-500SL	

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LED AREA LIGHT WITH Q-BASE AND PHOTOCELL

PRO series

ORDERING INFORMATION

Model	UPC	Pcs. per carton LSB5A-PRO 170lm/W	Carton size	Carton weight
ASD-LSB5A-PRO-150WH	810128113984	1	16.9" x 11.8" x 4.3"	8.7 lbs
ASD-LSB5A-PRO-150SL	810128111843	1	16.9" x 11.8" x 4.3"	8.7 lbs
ASD-LSB5A-PRO-150BK	810128111850	1	16.9" x 11.8" x 4.3"	8.7 lbs
ASD-LSB5A-PRO-200WH	810128113151	1	16.9" x 11.8" x 4.3"	8.8 lbs
ASD-LSB5A-PRO-200SL	810128111874	1	16.9" x 11.8" x 4.3"	8.8 lbs
ASD-LSB5A-PRO-200BR	810128112437	1	16.9" x 11.8" x 4.3"	8.8 lbs
ASD-LSB5A-PRO-200BK	810128111867	1	16.9" x 11.8" x 4.3"	8.8 lbs
ASD-LSB5A-PRO-240WH	810128113991	1	20.9" x 13.4" x 4.3"	11.2 lbs
ASD-LSB5A-PRO-240SL	810128111881	1	20.9" x 13.4" x 4.3"	11.2 lbs
ASD-LSB5A-PRO-240BR	810128110969	1	20.9" x 13.4" x 4.3"	11.2 lbs
ASD-LSB5A-PRO-240BK	810128111898	1	20.9" x 13.4" x 4.3"	11.2 lbs
ASD-LSB5A-PRO-300SL	810128111904	1	20.9" x 13.4" x 4.3"	11.5 lbs
ASD-LSB5A-PRO-500WH	810128114004	1	28.4" x 15" x 4.3"	19.8 lbs
ASD-LSB5A-PRO-500SL	810128111935	1	28.4" x 15" x 4.3"	19.8 lbs

ACCESSORIES:

Model	Description	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
ASD-09MW-WH	Microwave motion sensor 3pin white	810128113700	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113704	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113701
ASD-09MW-BK	Microwave motion sensor 3pin black	810128113717	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113711	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113718
ASD-09IR-WH	Infrared motion sensor 3pin 39ft white	810128113694	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113698	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113695
ASD-09IR-BK	Infrared motion sensor 3pin 39ft black	810128114349	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128114343	120	17.3" x 11.8" x 11"	12.1 lbs	30810128114340
ASD-09IR50-WH	Infrared motion sensor 3pin 50ft white	810128116794	10	5.5" x 2.6" x 11.4"	0.9 lbs	10810128116791	120	17.3" x 11.8" x 11"	10.7 lbs	20810128116798
ASD-09MW-NLS-WH	Microwave motion sensor smart 3pin white	810128113762	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113766	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113763
ASD-09IR-NLS-WH	Infrared motion sensor smart 3pin 39ft white	810128113755	10	5.5" x 2.6" x 11.4"	1.2 lbs	20810128113759	120	17.3" x 11.8" x 11"	12.1 lbs	30810128113756
ASD-06RC	Remote control for motion sensor	810128114370	10	6.3" x 2.9" x 11.4"	0.5 lbs	30810128114371	60	15.8" x 11.8" x 9.3"	24.7 lbs	40810128114378
ASD-AM-LSB5-WH	Arm mounting bracket white for 150-300W	810128118477	-	-	-	-	10	27" x 9.5" x 15.9"	15.4 lbs	10810128118474
ASD-AM-LSB5-SL	Arm mounting bracket silver for 150-300W	810128118460	-	-	-	-	10	27" x 9.5" x 15.9"	15.4 lbs	10810128118467
ASD-AM-LSB5-BR	Arm mounting bracket bronze for 150-300W	810128116206	-	-	-	-	10	27" x 9.5" x 15.9"	15.4 lbs	10810128116203
ASD-AM-LSB5-BK	Arm mounting bracket black for 150-300W	810128118453	-	-	-	-	10	27" x 9.5" x 15.9"	15.4 lbs	10810128118450
ASD-AMR-LSB5-WH	Adjustable arm mounting bracket white for 150-300W	810128113298	-	-	-	-	20	27.4" x 16.5" x 14"	52.9 lbs	10810128113295
ASD-AMR-LSB5-SL	Adjustable arm mounting bracket silver for 150-300W	810128112253	-	-	-	-	20	27.4" x 16.5" x 14"	52.9 lbs	20810128112257
ASD-AMR-LSB5-BR	Adjustable arm mounting bracket bronze for 150-300W	810128112246	-	-	-	-	20	27.4" x 16.5" x 14"	52.9 lbs	20810128112240
ASD-AMR-LSB5-BK	Adjustable arm mounting bracket black for 150-300W	810128112239	-	-	-	-	20	27.4" x 16.5" x 14"	52.9 lbs	20810128112233
ASD-AMR2-LSB-WH	Adjustable arm mounting bracket white for 500W	810128114011	-	-	-	-	10	21.4" x 9.6" x 13.4"	30.9 lbs	10810128114018
ASD-AMR2-LSB-SL	Adjustable arm mounting bracket silver for 500W	810128113335	-	-	-	-	10	21.4" x 9.6" x 13.4"	30.9 lbs	10810128113332
ASD-AMR2-LSB-BR	Adjustable arm mounting bracket bronze for 500W	810128113328	-	-	-	-	10	21.4" x 9.6" x 13.4"	30.9 lbs	10810128113325
ASD-AMR2-LSB-BK	Adjustable arm mounting bracket black for 500W	810128113311	-	-	-	-	10	21.4" x 9.6" x 13.4"	30.9 lbs	10810128113318
ASD-SF-LSB5-WH	Slip fitter mounting bracket white for 150-300W	810128113304	-	-	-	-	20	15.5" x 17.7" x 11.1"	35.3 lbs	10810128113301
ASD-SF-LSB5-SL	Slip fitter mounting bracket silver for 150-300W	810128111973	-	-	-	-	20	15.5" x 17.7" x 11.1"	35.3 lbs	10810128111970
ASD-SF-LSB5-BR	Slip fitter mounting bracket bronze for 150-300W	810128111041	-	-	-	-	20	15.5" x 17.7" x 11.1"	35.3 lbs	20810128111045
ASD-SF-LSB5-BK	Slip fitter mounting bracket black for 150-300W	810128111966	-	-	-	-	20	15.5" x 17.7" x 11.1"	35.3 lbs	10810128111963
ASD-SF2-LSB-WH	Slip fitter mounting bracket white for 500W	810128114257	-	-	-	-	10	18.4" x 9.3" x 11.8"	35.1 lbs	10810128114254
ASD-SF2-LSB-SL	Slip fitter mounting bracket silver for 500W	810128114240	-	-	-	-	10	18.4" x 9.3" x 11.8"	35.1 lbs	10810128114247
ASD-SF2-LSB-BR	Slip fitter mounting bracket bronze for 500W	810128114233	-	-	-	-	10	18.4" x 9.3" x 11.8"	35.1 lbs	10810128114230
ASD-SF2-LSB-BK	Slip fitter mounting bracket black for 500W	810128114226	-	-	-	-	10	18.4" x 9.3" x 11.8"	35.1 lbs	10810128114223
ASD-TN-BR	Tenon bracket bronze	810128116800	-	-	-	-	5	21.7" x 10.4" x 9.8"	26.2 lbs	10810128116807
ASD-B2BT	Dual bull tenon bracket bronze	810128117876	-	-	-	-	2	28.4" x 9.9" x 18.5"	28 lbs	10810128117873
ASD-B3BT	Triple bull tenon bracket bronze	810128117883	-	-	-	-	1	39.5" x 4.4" x 17.3"	19 lbs	-
ASD-TR-LSB5-WH	Full trunnion mounting bracket white for 150-300W	810128113434	-	-	-	-	20	14.8" x 10.3" x 12.4"	44.1 lbs	10810128113431
ASD-TR-LSB5-SL	Full trunnion mounting bracket silver for 150-300W	810128111997	-	-	-	-	20	14.8" x 10.3" x 12.4"	44.1 lbs	10810128111994
ASD-TR-LSB5-BR	Full trunnion mounting bracket bronze for 150-300W	810128111058	-	-	-	-	20	14.8" x 10.3" x 12.4"	44.1 lbs	10810128111055
ASD-TR-LSB5-BK	Full trunnion mounting bracket black for 150-300W	810128111980	-	-	-	-	20	14.8" x 10.3" x 12.4"	44.1 lbs	10810128111987
ASD-TR2-LSB-WH	Full trunnion mounting bracket white for 500W	810128114295	-	-	-	-	10	14.5" x 14" x 8.2"	31.7 lbs	10810128114292
ASD-TR2-LSB-SL	Full trunnion mounting bracket silver for 500W	810128114288	-	-	-	-	10	14.5" x 14" x 8.2"	31.7 lbs	10810128114285
ASD-TR2-LSB-BR	Full trunnion mounting bracket bronze for 500W	810128114271	-	-	-	-	10	14.5" x 14" x 8.2"	31.7 lbs	10810128114278
ASD-TR2-LSB-BK	Full trunnion mounting bracket black for 500W	810128114264	-	-	-	-	10	14.5" x 14" x 8.2"	31.7 lbs	10810128114261
ASD-FM1-LSB5-WH	Floodlight mounting bracket white for 150-200W	810128114073	-	-	-	-	10	13.2" x 15.9" x 12.8"	19.8 lbs	10810128114070
ASD-FM1-LSB5-SL	Floodlight mounting bracket silver for 150-200W	810128112024	-	-	-	-	10	13.2" x 15.9" x 12.8"	19.8 lbs	10810128112021
ASD-FM1-LSB5-BR	Floodlight mounting bracket bronze for 150-200W	810128112017	-	-	-	-	10	13.2" x 15.9" x 12.8"	19.8 lbs	10810128112014
ASD-FM1-LSB5-BK	Floodlight mounting bracket black for 150-200W	810128112000	-	-	-	-	10	13.2" x 15.9" x 12.8"	19.8 lbs	10810128112007

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LED AREA LIGHT WITH Q-BASE AND PHOTOCELL

PRO series

Model	Description	UPC	Pcs. in middle box	Middle box size	Middle box weight	GTIN 14 in middle box	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
ASD-FM2-LSB5-WH	Floodlight mounting bracket white for 240-300W	810128114080	-	-	-	-	10	14.8" x 13.8" x 18.9"	26.5 lbs	10810128114087
ASD-FM2-LSB5-SL	Floodlight mounting bracket silver for 240-300W	810128113144	-	-	-	-	10	14.8" x 13.8" x 18.9"	26.5 lbs	10810128113141
ASD-FM2-LSB5-BR	Floodlight mounting bracket bronze for 240-300W	810128113137	-	-	-	-	10	14.8" x 13.8" x 18.9"	26.5 lbs	10810128113134
ASD-FM2-LSB5-BK	Floodlight mounting bracket black for 240-300W	810128113120	-	-	-	-	10	14.8" x 13.8" x 18.9"	26.5 lbs	10810128113127
ASD-FM3-LSB5-WH	Floodlight mounting bracket white for 500W	810128114097	-	-	-	-	5	16.3" x 19.5" x 13.4"	26.5 lbs	10810128114094
ASD-FM3-LSB5-SL	Floodlight mounting bracket silver for 500W	810128112055	-	-	-	-	5	16.3" x 19.5" x 13.4"	26.5 lbs	10810128112052
ASD-FM3-LSB5-BR	Floodlight mounting bracket bronze for 500W	810128112048	-	-	-	-	5	16.3" x 19.5" x 13.4"	26.5 lbs	10810128112045
ASD-FM3-LSB5-BK	Floodlight mounting bracket black for 500W	810128112031	-	-	-	-	5	16.3" x 19.5" x 13.4"	26.5 lbs	10810128112038
ASD-WMB-LSB-BR	Wall mounting bracket bronze	810128118484	-	-	-	-	8	18.5" x 15.8" x 14"	9.3 lbs	10810128118481
ASD-L2A-LSB5	Clear lens type II-M for 150-200W	810128114103	-	-	-	-	50	18.5" x 11" x 9.1"	25.4 lbs	10810128114100
ASD-L4A-LSB5	Clear lens type IV-S for 150-200W	810128114127	-	-	-	-	50	18.5" x 11" x 9.1"	25.4 lbs	10810128114124
ASD-L5A-LSB5	Clear lens type V-S for 150-200W	810128114141	-	-	-	-	50	18.5" x 11" x 9.1"	25.4 lbs	10810128114148
ASD-L2B-LSB5	Clear lens type II-M for 240-300W	810128114110	-	-	-	-	25	12.6" x 12.6" x 9.8"	19.1 lbs	10810128114117
ASD-L4B-LSB5	Clear lens type IV-S for 240-300W	810128114134	-	-	-	-	25	12.6" x 12.6" x 9.8"	19.1 lbs	10810128114131
ASD-L5B-LSB5	Clear lens type V-S for 240-300W	810128114158	-	-	-	-	25	12.6" x 12.6" x 9.8"	19.1 lbs	10810128114155

For most up-to-date spec sheets please refer to asd-lighting.com

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