LED SECURITY FLOODLIGHT
WITH MOTION SENSOR AND CAMERA

▶ **DESIGN** - LED SECURITY FLOODLIGHT WITH MOTION SENSOR AND CAMERA is a great way to keep your home safe at night. Side-to-side (150°) and up and down (180°) rotatable light heads allow you to direct light where it is needed. It is designed to operate on 120V circuits.

▶ **SMART SECURITY CAMERA WITH APP CONTROL** - allows you to monitor, record and have two-way audio communications on demand, or when a motion is detected. It is compatible with Alexa and Google Assistant. Motion activated push notification will inform you whenever motion is detected. Records can be stored on a Micro SD card, or in Cloud service.

▶ **COLOR SELECTABLE** - You can choose either a 2,700K, 3,000K warm white, 3,500K, 4,000K cool white or 5000K daylight color temperature.

▶ **APPLICATION** - Perfect commercial or industrial solution for both indoor and outdoor applications such as: porches, backyards, front doors, driveways, walkways, workshops, storage rooms, and more. It is also Wet Locations rated.

▶ **ADVANTAGES** - With a lifespan of 145,000 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!

Catalog number	
Notes	
Type	

Motion Sensor | Photocell | Smart camera | Smart App | Wet locations

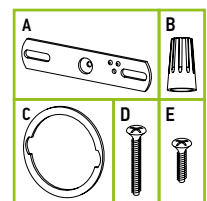| Model	Head q-ty	Watts	Voltage	Dimmable	Lumens	CCT	Finish	Dimensions (LxWxH)
ASD-SFL-20WH-SC	2 square heads	20W	120V	-	1,784/1,904/1,953/1,982/2,017lm	5CCT (2,700/3,000/3,500/4,000/5,000K)	White	10-1/4" x 4-7/16" x 7-11/16"

ORDERING INFORMATION

Model	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14
ASD-SFL-20WH-SC	810128113465	6	18.5" x 12.6" x 19.1"	16.5 lbs	10810128113462

PRODUCT SPECIFICATIONS:

Construction & Materials	
Housing	Aluminum
Lens	PC
Finish color	White
Weight	1.2 lbs (0.5 kg)

Environmental system	
Work environment	Suitable for Wet Locations
Operating temperature	-4°F to 113°F (-20°C to 45°C)
L-70 Life	R > 54,000 hrs; C > 145,000 hrs

Electrical system	
Input voltage	120 V
Max input current	0.2 A
Inrush current (Action time)	70 A (12 S)
Off state power	0W
Power consumption	20W
Power factor	> 0.9
Output voltage	72 V
Max output current	0.26 A
Surge protection DM/CM	2 kV / 2 kV

Optical system	
Luminous flux	1,784/1,904/1,953/1,982/2,017 lm
Color temperature	5CCT switch (2,700/3,000/3,500/4,000/5,000 K), 5,000 K by default
CRI	> 80

Regular and voluntary certifications
5-year limited warranty
DesignLights Consortium (DLC) listed (Classification: Premium)
UL certified E473804

PACKAGE CONTENTS:

Description	Q-ty
LED Security Floodlight with motion sensor and camera	1
Cross bar (A)	1
Wire nut (B)	3
EVA gasket (C)	1
Bracket screw (D)	1
Cross bar screw 3/8" (E)	2
Box	1

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

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BUILT-IN MOTION SENSOR INFORMATION

Specifications	
Operating voltage	120 V
Detection distance	16.4-32.9 ft (5-10 m) adjustable
Installation height	9.8 ft (3 m)
Operating mode	On time
Detection range	Horizontal 100°, Vertical 100°

BUILT-IN SMART CAMERA INFORMATION

Specifications	
Compression standards	H.265 (video); G.711a/PCM/AAC (audio)
Audio compression bitrate	G711a 8 K-16 bit mono
Field of view	110°
Frame rate	50 Hz: 15 fps @ 1296 p (2304 x 1296) (300 K)
Storage function	Micro SD Card (max 128 G)
Wireless standard	2.4 GHz ~ 2.4835 GHz IEEE802.11b/g/n
Channel bandwidth	20/40 MHz
Operating temperature and humidity	-10 ℃ ~ 50 ℃, humidity < 95 % (no coagulate)
PIR	16.4-32.8 ft (5-10 m)
PIR detection distance	19.7-39.4 ft (6-12 m)

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.
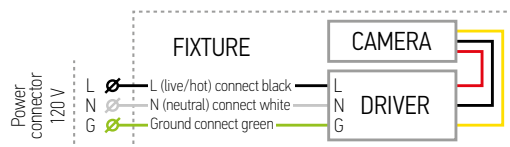**Risk of cuts:** Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation 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.

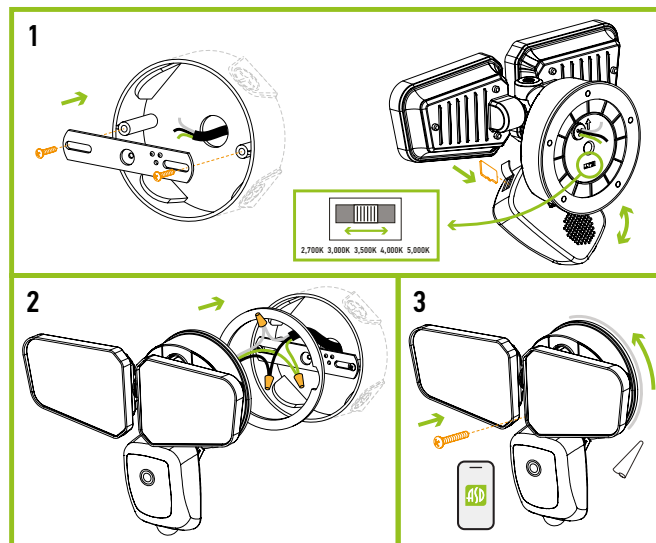## ELECTRICAL SCHEMATIC DIAGRAM:

ASD SMART APP DOWNLOAD:

Android

Google Play

IOS

 App Store

INSTALLATION STEPS:

1. Attach crossbar to the outlet box using two mounting screws. Remove the cover on the top of the camera. Insert a micro SD card (sold separately) into the slot until a click. Place the cover back on. Change the position of the CCT switch on the housing to the desired color temperature.
2. Tear off the EVA pad adhesive and stick it on the rear cover (pay attention to the direction of the gap). Thread the fixture wire through the gasket. Connect the wires: Black to Black, White to White, and Green to Green. Secure the connection with wire nuts.
3. Drive the bracket screw through the center hole of the fixture base to the crossbar and secure by tightening it. For outdoor locations it is recommended to use silicone (not included) as shown in the picture.

* please see manual by link or QR-code below

Adding the fixture to ASD SMART APP:
1. Download ASD SMART APP
2. Tap "+" in the upper-right hand corner.
3. Select "Add a device" section.
4. Click "Camera and lock".
5. Choose "Light camera" section.
6. After selecting Wi-Fi network and entering the password, QR code will appear on your screen.
7. Point it about 7.9-11.8 inch (200-300 mm) away from the camera and wait for the signal. Adding ASD security camera is complete.

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