

# ASD<sup>®</sup> LED SLIM CANOPY

► **DESIGN** - LED SLIM CANOPY has a die-cast aluminum housing with excellent heat dissipation and anti-glare PC lens with even light distribution. It is designed to operate on 120-277 circuits.

► **MOTION SENSOR** - The built-in microwave motion sensor will turn off the fixture automatically when no motion is detected.

► Surge protection 5kV protects the fixture from voltage spikes and current surges.

► **INSTALLATION** - The fixture is Wet Locations rated and can be either surface mounted or pole mounted. Perfect commercial or industrial solution for parking garages, gas stations, stairwells, passageways, underpasses, and many other applications.

► **ADVANTAGES** - With calculated lifespan up to 141,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 10-year limited warranty along with ETL and DLC Premium certifications to guarantee top quality products and safety!

Catalog number	
Notes	
Type	



Model	Watts	Voltage	Dimmable	Lumens	CCT	Finish	Dimensions (LxWxH)	Option
ASD-CAN05-45D40-WH-PRM	45W	120-277 V	0-10 V	5,500 lm	4,000 K	White	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-45D50-WH-PRM	45W	120-277 V	0-10 V	5,500 lm	5,000 K	White	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-45D40-BZ-PRM	45W	120-277 V	0-10 V	5,500 lm	4,000 K	Bronze	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-45D50-BZ-PRM	45W	120-277 V	0-10 V	5,500 lm	5,000 K	Bronze	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-70D40-WH-PRM	70W	120-277 V	0-10 V	8,400 lm	4,000 K	White	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-70D50-WH-PRM	70W	120-277 V	0-10 V	8,400 lm	5,000 K	White	9-5/8" x 9-5/8" x 3-3/8"	-
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ASD-CAN05-70D50-BZ-PRM	70W	120-277 V	0-10 V	8,400 lm	5,000 K	Bronze	9-5/8" x 9-5/8" x 3-3/8"	-
ASD-CAN05-100D50-WH-PRM	100W	120-277 V	0-10 V	12,050 lm	5,000 K	White	11-1/6" x 11-1/6" x 3-5/8"	-
ASD-CAN05-100D50-BZ-PRM	100W	120-277 V	0-10 V	12,050 lm	5,000 K	Bronze	11-1/6" x 11-1/6" x 3-5/8"	-
CAN05-MS WITH MOTION SENSOR								
ASD-CAN05-45D50-BZ-MS-PRM	45W	120-277 V	0-10 V	5,500 lm	5,000 K	Bronze	9-5/8" x 9-5/8" x 3-3/8"	Motion sensor
ASD-CAN05-70D50-BZ-MS-PRM	70W	120-277 V	0-10 V	8,400 lm	5,000 K	Bronze	9-5/8" x 9-5/8" x 3-3/8"	Motion sensor

## PRODUCT SPECIFICATIONS:

Construction & Materials						
Housing	Aluminum					
Reflector	Aluminum					
Lens	PC					
Finish	White, Bronze					
Weight	5.1 lb (2.3 kg) for ASD-CAN05-100D50-WH-PRM and ASD-CAN05-100D50-BZ-PRM models; 5.5 lb (2.5 kg)					
Environmental system						
Work environment	Suitable for Wet Locations, IP65					
Operating temperature	-4°F to 104°F (-20°C to 40°C)					
L-70 Life	R > 54,000 hrs; C > 141,000 hrs for MS models: R > 36,000 hrs; C > 141,000 hrs					
Optical system						
Luminous flux	ASD-CAN05-45D40-WH-PRM ASD-CAN05-45D50-WH-PRM ASD-CAN05-45D40-BZ-PRM ASD-CAN05-45D50-BZ-PRM	5,500 lm	ASD-CAN05-70D40-WH-PRM ASD-CAN05-70D50-WH-PRM ASD-CAN05-70D40-BZ-PRM ASD-CAN05-70D50-BZ-PRM	8,400 lm	ASD-CAN05-100D50-WH-PRM ASD-CAN05-100D50-BZ-PRM ASD-CAN05-45D50-BZ-MS-PRM ASD-CAN05-70D50-BZ-MS-PRM	12,050 lm 5,500 lm 8,400 lm
	Color temperature	4,000K; 5,000 K				
	CRI	> 70				

For most up-to-date spec sheets please refer to [asd-lighting.com](http://asd-lighting.com)

ASD LIGHTING CORP

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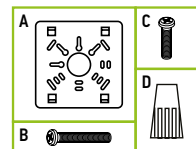
Electrical system						
Input voltage	120-277 V					
Max input current	ASD-CAN05-45D40-WH-PRM	0.4 A	ASD-CAN05-70D40-WH-PRM	0.6 A	ASD-CAN05-100D50-WH-PRM	0.9 A
	ASD-CAN05-45D50-WH-PRM		ASD-CAN05-70D50-WH-PRM		ASD-CAN05-100D50-BZ-PRM	
	ASD-CAN05-45D40-BZ-PRM		ASD-CAN05-70D40-BZ-PRM		ASD-CAN05-45D50-BZ-MS-PRM	0.4 A
	ASD-CAN05-45D50-BZ-PRM		ASD-CAN05-70D50-BZ-PRM		ASD-CAN05-70D50-BZ-MS-PRM	0.6 A
Inrush current (Action time)	35 A (0.11 S)					
Off state power	0W					
Power consumption	ASD-CAN05-45D40-WH-PRM	45W	ASD-CAN05-70D40-WH-PRM	70W	ASD-CAN05-100D50-WH-PRM	100W
	ASD-CAN05-45D50-WH-PRM		ASD-CAN05-70D50-WH-PRM		ASD-CAN05-100D50-BZ-PRM	
	ASD-CAN05-45D40-BZ-PRM		ASD-CAN05-70D40-BZ-PRM		ASD-CAN05-45D50-BZ-MS-PRM	45W
	ASD-CAN05-45D50-BZ-PRM		ASD-CAN05-70D50-BZ-PRM		ASD-CAN05-70D50-BZ-MS-PRM	70W
Power factor	> 0.9					
Surge protection DM/CM	5 kV / 5 kV					

Dimming compatible controls									
Brand	Lutron							Leviton	
Models	DVSTV-WH	DVSTV-BR	DVSTV-GR	DVSTV-LA	DVSTV-BL	DVSTV-AL	DVSTV-IV	AWSMT-7DW	DS 710-10Z

Regular and voluntary certifications
10-year limited warranty (for models ASD-CAN05-100D50-BZ-PRM and ASD-CAN05-100D50-WH-PRM 5-year limited warranty)
DesignLights Consortium (DLC) listed (Classification: Premium) Main: Outdoor Luminaires; General Application: Mid Output; Primary Use: Parking Garage Luminaires
cETLus certified 4008281
UL certified E473804 (for models ASD-CAN05-100D50-BZ-PRM and ASD-CAN05-100D50-WH-PRM)

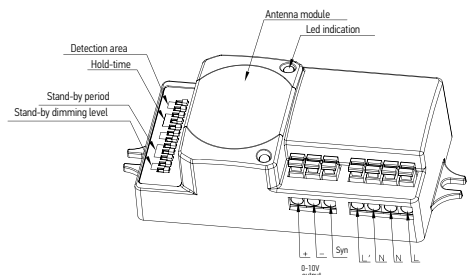
## PACKAGE CONTENTS:

Description	Q-ty
LED Slim Canopy	1
Mounting plate (A)	1
Screw M4*40 (C)	2
Screw M4*20 (B)	2
Wire nut (D)	3



\* The list of dimmers is relevant for models without a motion sensor.

## BUILT-IN MOTION SENSOR INFORMATION



Specifications									
Operating voltage	120-277 V								
Switched power	Max. capacitive load: 800W @ 277 V, 400W @ 120 V								
Standby power	Approx. 0.5W								
Warm time	20 S								
Detection area	100 % / 75 % / 50 % / 10 %, can be customized								
Hold time	5 S / 30 S / 1 min / 5 min / 10 min / 20 min / 30 min, can be customized								
Standby period	0 S / 10 S / 1 min / 5 min / 10 min / 30 min / 1 h / + can be customized								
Standby dimming level	10 % / 20 % / 30 % / 50 % can be customized								
Sensor principle	Microwave motion detector								
Microwave frequency	5.8 GHz + / - 75 MHz								
Microwave power	< 0.2 mW								
Detection range	Max. 59 ft x 33 ft								
Detection angle	30° - 150°								
Mounting height	Max. 33 ft								
Operating temperature	-31° to 158° F								
IP rating	IP20								
Default settings	<table border="1"> <tr> <td>Detection area</td> <td>Hold time</td> <td>Stand-by period</td> <td>Stand-by dimming</td> </tr> <tr> <td>100 %</td> <td>10 min</td> <td>0 S</td> <td>10 %</td> </tr> </table>	Detection area	Hold time	Stand-by period	Stand-by dimming	100 %	10 min	0 S	10 %
Detection area	Hold time	Stand-by period	Stand-by dimming						
100 %	10 min	0 S	10 %						

**⚠**  
RF interference may affect the operation of this sensor

1. Make sure the fixture is cut off from the power supply. Remove 4 screws and detach the diffuser, remove 2 screws and take out the reflector.
2. Set up the motion sensor according to the specification.
3. Attach the reflector, the diffuser, tighten all the screws then mount the fixture.

ON	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	10%

**Detection Area:**  
Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

ON	3	4	5	
I	ON	ON	ON	5s
II	ON	ON	-	30s
III	ON	-	ON	1min
IV	ON	-	-	5min
V	-	ON	ON	10min
VI	-	ON	-	20min
VII	-	-	-	30min

**Hold Time:**  
Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.

ON	8	9	10	
I	ON	ON	ON	0S
II	ON	ON	-	10S
III	ON	-	ON	1min
IV	ON	-	-	5min
V	-	ON	ON	10min
VI	-	ON	-	30min
VII	-	-	ON	1h
VIII	-	-	-	+∞

**Stand by period:**  
This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

ON	11	12	
I	ON	ON	10%
II	ON	-	20%
III	-	ON	30%
IV	-	-	50%

**Stand by Dimming Level:**  
This is the dimmed low light output level you would like to have after the hold-time in the absence of people.

For most up-to-date spec sheets please refer to [asd-lighting.com](http://asd-lighting.com)





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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.

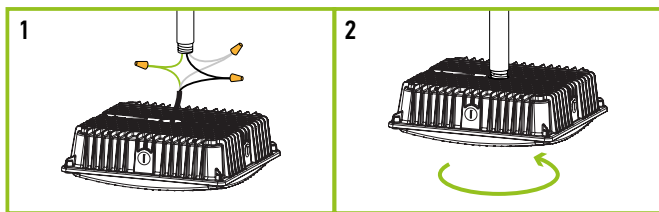
**Risk of electric shock:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

**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.

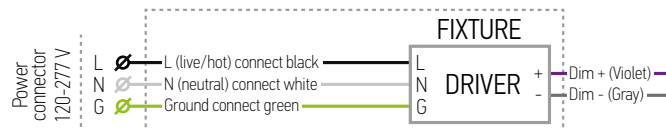
### POLE MOUNTING INSTALLATION:

1. Connect the wires: Black to Black, White to White, Green to Green. Carefully tuck all wires back into the pole.
2. Screw the fixture to the G1/2" threaded conduit.

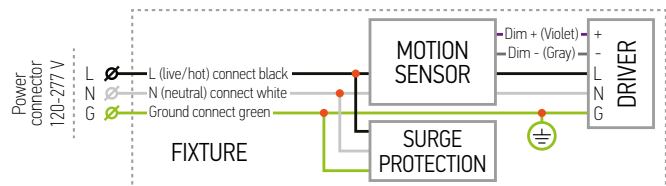


### ELECTRICAL SCHEMATIC DIAGRAM:

#### CAN05

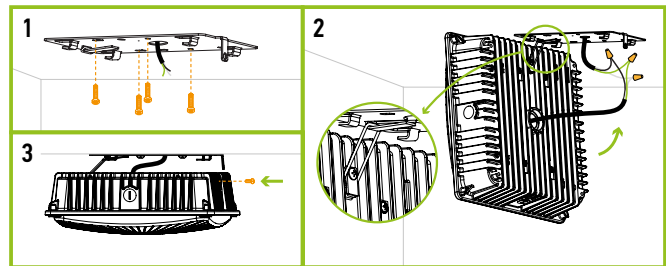


#### CAN05-MS with motion sensor



### SURFACE MOUNT WITH A MOUNTING PLATE:

1. Turn off the power supply. Remove the securing screw out of the mounting plate, detach the mounting plate from the fixture housing and attach the plate to a j-box on your ceiling. If the fixture is equipped with a motion sensor, set up the motion sensor before mounting the fixture.
2. Hang the fixture on the plate with the hook. Connect the wires according to the wiring diagram, if the dimming line is not in use, cap the dimming wires, but not connect them.
3. Slide the fixture into the mounting plate clamps and fix it with the securing screw. Turn on the power supply.



## ORDERING INFORMATION

Model	Pcs. per carton	Carton size	Carton weight	UPC
ASD-CAN05-45D40-WH-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734127
ASD-CAN05-45D50-WH-PRM	1	12" x 10.6" x 5.5"	5.7 lb	819201027316
ASD-CAN05-45D40-BZ-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734387
ASD-CAN05-45D50-BZ-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734394
ASD-CAN05-70D40-WH-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734134
ASD-CAN05-70D50-WH-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734417
ASD-CAN05-70D40-BZ-PRM	1	12" x 10.6" x 5.5"	5.7 lb	810050734400
ASD-CAN05-70D50-BZ-PRM	1	12" x 10.6" x 5.5"	5.7 lb	819201027323
ASD-CAN05-100D50-WH-PRM	1	12.6" x 12.6" x 5.1"	6.6 lb	810050735056
ASD-CAN05-100D50-BZ-PRM	1	12.6" x 12.6" x 5.1"	6.6 lb	810050735063
<b>CAN05-MS WITH MOTION SENSOR</b>				
ASD-CAN05-45D50-BZ-MS-PRM	1	12" x 10.6" x 5.5"	5.7 lb	819201027330
ASD-CAN05-70D50-BZ-MS-PRM	1	12" x 10.6" x 5.5"	5.7 lb	819201027347

For most up-to-date spec sheets please refer to [asd-lighting.com](http://asd-lighting.com)