

DESIGN - LED LOW-PROFILE CANOPY WITH Q-BASE has a built-in motion sensor base, allowing you to install the microwave motion or PIR sensor. Die-cast aluminum housing with excellent heat dissipation along with an anti-glare PC lens provides many years of use. It is equipped with a removable hinge door for quick and easy wiring. It is designed to operate on 120-277V circuits with a 1-10V dimmable driver.

BATTERY BACK-UP - The built-in battery back-up provide 90 minutes of power in case of emergency.

COLOR SELECTABLE - You can choose either a 3,000K warm white, 4,000K cool white or 5,000K daylight color temperature.

SURGE PROTECTION - 6kV 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 153,000 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	
Туре	





Model	Watts	Voltage	Dimmable	Lumens	ССТ	Finish	Dimensions (LxWxH)	Pre-installed
				C/	AN07A			
ASD-CAN07A-45DAC-WH	45W	120-277 V	1-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	White	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-45WH	45W	120-277 V	1-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	White	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-45DAC-BK	45W	120-277 V	1-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-45BK	45W	120-277 V	1-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-70DAC-WH	70W	120-277 V	1-10 V	up to 9,332 lm	3CCT (3,000/4,000/5,000 K)	White	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-70WH	70W	120-277 V	1-10 V	up to 9,332 lm	3CCT (3,000/4,000/5,000 K)	White	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-70DAC-BK	70W	120-277 V	1-10 V	up to 9,332 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	-
ASD-CAN07A-70BK	70W	120-277 V	1-10 V	up to 9,332 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	-
				CAN07A-EM WIT	H BATTERY BACK-UP			
ASD-CAN07A-45WH-8EM	45W	120-277 V	0-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	White	10-9/16" x 9-13/16" x 2-15/16"	8W Battery back-up
ASD-CAN07A-45DAC-8EM-BK	45W	120-277 V	1-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	8W Battery back-up
ASD-CAN07A-45BK-8EM	45W	120-277 V	0-10 V	up to 6,917 lm	3CCT (3,000/4,000/5,000 K)	Black	10-9/16" x 9-13/16" x 2-15/16"	8W Battery back-up
				SENSORS	AND REMOTE			
ASD-09MW-WH	Microwa	ive motion sens	or 3pin white				2-1/8" x 2-1/8" x 1-5/16"	-
ASD-09MW-BK	Microwa	ive motion sens	or 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-06RC	Remote	control for moti	on sensor				5-11/16" x 1-3/4" x 13/16"	-
ASD-09MW-NLS-WH	Microwa	ive motion sens	or smart 3pin w	hite			2-1/8" x 2-1/8" x 1-3/8"	-
ASD-09IR-NLS-WH	Infrared	motion sensor s	smart 3pin 39 ft	white			2-1/8" x 2-1/8" x 1-11/16"	-
ASD-06RC-NLS	Remote	control for moti	on sensor smar	t			5-11/16" x 1-3/4" x 13/16"	-

For detailed luminous flux information please refer to Annex 1, page 7.

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

ASD LIGHTING CORP

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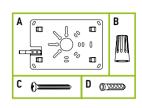


PRODUCT SPECIFICATIONS:

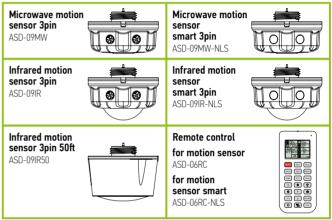
Construction & Materials	PC					
Housing	Aluminum					
Finish	White, Black					
Weight	4.9 lbs (2.2 kg)		for EM models: 5.7	lbc(2(lac))		
Environmental system	4.9 IDS (2.2 Ky)		TOT EM THOUGES: 5.7	US (2.0 KY)		
Work environment	Cuitable for Wat	Leastione ID/I	-			
	Suitable for Wet	,	5			
Operating temperature	-40°F to 122°F (-40°F to 122°F (-40°F to 122°F (-40°F to 122°F to	,				
L-70 Life	R > 72,000 hrs; (. > 153,000 hr	S			
Optical system	000T 11 1 (0.0)		0010 5 000101	6 1		
Color temperature		JU/4,UUUK/5,U	00 K), 5,000 K by de	etault		
CRI	> 70					
Electrical system						
nput voltage	120-277 V					
Max input current	for 45W models:	0.5 A	for 70W m	odels: 0.8 A		
nrush current (Action time)	80 A (0.75 S)					
Off state power	OW					
	ASD-CAN07A-45	DAC-WH				
	ASD-CAN07A-45	WH	45W			
-	ASD-CAN07A-45	DAC-BK	4377	4500		
	ASD-CAN07A-45	BK				
	ASD-CAN07A-70	DAC-WH				
Power consumption	ASD-CAN07A-70	WH	7014/			
	ASD-CAN07A-70	DAC-BK	/UVV	/UVV		
	ASD-CAN07A-70	BK				
	ASD-CAN07A-45	WH-8EM				
	ASD-CAN07A-45	BK-8EM	45W			
	ASD-CAN07A-45	DAC-8EM-BK				
Power factor	> 0.9					
Dutput voltage	110-130 V					
Max output current	for 45W models:	0.35 A	for 70W m	odels: 0.55 A		
Surge protection DM/CM	4 kV / 6 kV					
Dimming range	,					
10-100%						
Dimming compatible controls						
Brand	Lutron	l eviton	Cooper			
Vindels	DVSTV-453P	IP710-LFZ		SE10P		
Regular and voluntary certific			5.10			
5-year limited warranty	Autorio					
DesignLights Consortium (DLC) listed (Classificatio	n. Premium)	Main: Outdoor lum	inaires.		
General application: Mid output				in iuli co,		
II certified E473804	,	<u> </u>				

PACKAGE CONTENTS:

Description	Q-ty
LED Low-Profile Canopy with Q-base	1
Mounting plate (A)	1
Wire nut (B)	3
Self-tapping screw (C)	4
Anchor (D)	4
Box	1



ACCESSORIES (sold separately):



ACCESSORY COMPATIBILITY LIST:

Ar Models	ccessories	Microwave motion sensor 3pin ASD-09MW	Infrared motion sensor 3pin ASD-09IR50 ASD-09IR50	Microwave motion sensor smart 3pin ASD-09MW-NLS	Infrared motion sensor smart 3pin ASD-09IR-NLS
ASD-CAN07A	45W	•	•	•	•
ADD-CANU/A	70W	•	•	•	•
ASD-CAN07A-EM		•	•	•	•

BUILT-IN BATTERY BACK-UP INFORMATION

Specifications	Model: BLD-CM20H-1500400
Input voltage	100-277 V 50/60 Hz
Max emergency output power	15W
Warranty	5 years
Indicator light	Illuminated test switch, indicator light
Battery	Li-ion - 11.1 V / 4000 mAh
Lumens	2,194 lm
Emergency operation time	≥ 90 minutes
Battery charging current	250 mA
Emergency current	170 mA
Charging time	≥ 24 hours
Full charge/discharge cycles	500 cycles

STANDARD OPERATION DISPLAY STATUS:





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DLC

PREM UM

Indicator light modes:

· Red light ON - the battery back-up is charging in standby mode;

Red light OFF - AC power is out, the battery back-up is working in emergency mode.
Test button operation: Press the test button to switch the system to back-up mode. The Red light will turn off, and the fixture will decrease in light amount. Release test button to go back to the normal mode.

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

ASD LIGHTING CORP

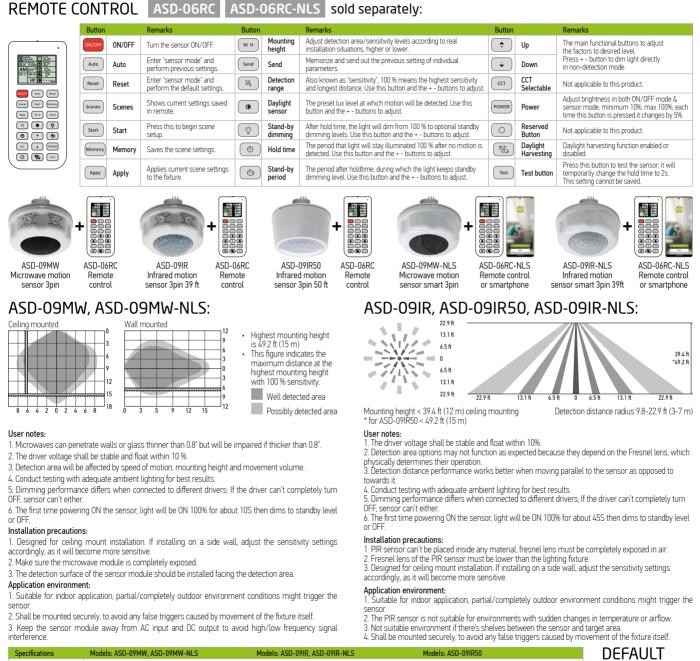
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English

LED LOW-PROFILE CANOPY WITH Q-BASE

MOTION SENSOR INFORMATION



Operating voltage	10-15 V			SETTIN	C.		
Operating current	< 30 mA	< 15 mA	< 30 mA		u.		
Detection area	25 %/50 %/75 %/100 %			Specifications			
Hold time	Remote control: 5 s/30 s/1 min/3 min/5 min/10 min/20 n	zte 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					
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80	: (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					
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/40 min/+ ∞				Disable		
Standby dimming level	Remote control: 10 %/20 %/30 %/50 % Built-in switch	n: 0 %/10 %/30 %/50 %		threshold	Biodoto		
Mounting height	max 49.2 ft (15 m)	≤ 39.4 ft (12 m)	max 49.2 ft (15 m)	Stand-by period	0 s		
Detection range	≥ 9 ft (3 m)			Stand-by			
Operating frequency	5.8 GHz ± 75 MHz	-	-	dimming level	10 %		
Transmitting power	< 0.3 mW	-	-				

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> 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).















ADVANCED AREA

MANAGEMENT

areas, buildings, floors and zones

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

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.

smartphone or PC, anytime and anywhere.

Desktop

manual

Smartphone manual



ASD NLS app download iOS



CONTROL

CONTROL

PERMISSIONS

Give your staff or installers control over the lighting.

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





Set a variety of customizable start / end actions based Create and customize projects for different types of on time of day and days of the week





Monitor equipment status and receive daily reports.





Monitor device status and daily reports.



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



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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.



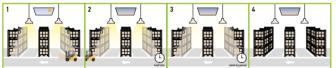
WITH DAYLIGHT DISABLED:

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 Os, 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

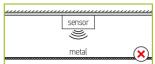


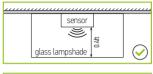
MICROWAVE MOTION SENSOR:

To avoid blocking the microwave emission, the microwave sensor can not be covered with metal materials be sprayed with a coating of metal componénts, 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.

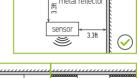
To avoid affecting the microwave signal transmission, the microwave antenna should be higher than the surrounding metal surface.

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

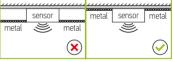
There must be at least 6.5ft between microwave sensors: There must be at least 4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference.

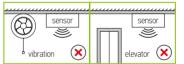
DAYLIGHT HARVESTING SETTING:

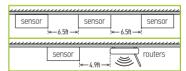
1. Adjust "daylight" value higher than 50lux. 2. Preset "standby period" OS. 3. Press "daylight harvesting" button on remote control to activate.

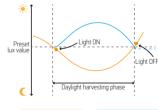


metal reflecto









Natural light brightness Artificial light brightness

For most up-to-date spec sheets please refer to 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.

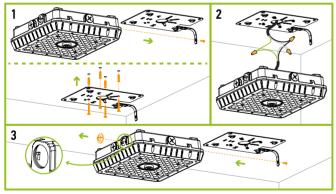
 $\mathsf{ASD}^{\texttt{s}}$ assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

SURFACE MOUNT WITH A MOUNTING PLATE:

1. Remove the securing screw out of the mounting plate, detach the mounting plate from the fixture housing and secure the plate to a j-box on the ceiling using anchors and self-tapping screws.

2. Connect the wires: Black to Black, White to White, Green to Green and secure connection to the Junction box in the ceiling.

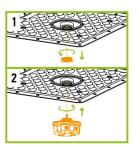
3. Slide the fixture into the mounting plate clamps and secure it with a screw. Adjust color temperature (if needed) by unscrewing one big cap on the side of the fixture.



MOTION SENSOR

ASD-09MW	ASD-09MW-NLS
ASD-09IR	ASD-09IR-NLS
ASD-09IR50	sold separately:

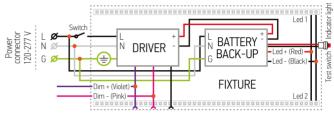
 Unscrew the microwave sensor base cap.
Insert and twist the sensor until it is tight on the base surface.



ELECTRICAL SCHEMATIC DIAGRAM:



CAN07A-EM with battery back-up

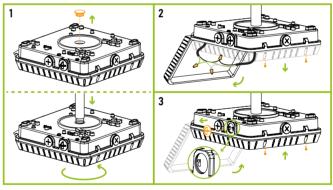


POLE MOUNTING INSTALLATION:

1. Remove the rubber cap, pass the AC wires from conduit through the hole into inside the fixture and screw the fixture to the $G1/2^*$ threaded conduit

2. Open the fixture by unscrewing two screws. Connect the wires: Black to Black, White to White, Green to Green.

3. Close the fixture, adjust color temperature (if needed) by unscrewing one big cap on the side of the fixture.



Model	Mount type
ASD-CAN07A-45DAC-WH	Bracket mount
ASD-CAN07A-45DAC-BK	Bracket mount
ASD-CAN07A-45BK	Pole + Bracket mount
ASD-CAN07A-70DAC-WH	Bracket mount
ASD-CAN07A-70WH	Pole + Bracket mount
ASD-CAN07A-70DAC-BK	Bracket mount
ASD-CAN07A-45DAC-8EM-BK	Bracket mount
ASD-CAN07A-45BK-8EM	Pole + Bracket mount

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

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ORDERING INFORMATION

Model	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14
		CAN07A			
ASD-CAN07A-45DAC-WH	810128111157	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128111154
ASD-CAN07A-45WH	810128118019	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128118016
ASD-CAN07A-45DAC-BK	810128111140	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128111147
ASD-CAN07A-45BK	810128114820	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128114827
ASD-CAN07A-70DAC-WH	810128111171	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128111178
ASD-CAN07A-70WH	810128114837	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128114834
ASD-CAN07A-70DAC-BK	810128111164	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128111161
ASD-CAN07A-70BK	810128117678	6	22.4" x 12.8" x 12.8"	33.5 lbs	10810128117675
		CAN07A-EM WITH BATTE	RY BACK-UP		
ASD-CAN07A-45WH-8EM	810128118026	6	22.4" x 12.8" x 12.8"	38.8 lbs	10810128118023
ASD-CAN07A-45DAC-8EM-BK	810128111188	6	22.4" x 12.8" x 12.8"	38.8 lbs	10810128111185
ASD-CAN07A-45BK-8EM	810128115469	6	22.4" x 12.8" x 12.8"	38.8 lbs	10810128115466

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-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-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-NLS	Remote control for motion sensor smart	810128114387	10	6.3" x 2.9" x 11.4"	0.5 lbs	20810128114381	60	15.8" x 11.8" x 9.3"	24.7 lbs	30810128114388

ANNEX 1

Model	Watts	3,000 K	4,000 K	5,000 K
ASD-CAN07A-45DAC-WH ASD-CAN07A-45DAC-BK ASD-CAN07A-45DAC-BK ASD-CAN07A-45BK ASD-CAN07A-45DK-8EM ASD-CAN07A-45DAC-8EM-BK ASD-CAN07A-45DAC-8EM-BK ASD-CAN07A-45DK-8EM	45W	6,230 lm	6,917 lm	6,900 lm
ASD-CAN07A-70DAC-WH ASD-CAN07A-70WH ASD-CAN07A-70DAC-BK ASD-CAN07A-70BK	70W	8,381 lm	9,332 lm	8,945 lm

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

DLC

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