



LED DISK LIGHT

LDS series

► **DESIGN** - LED DISK LIGHT offers a sleek, low-profile design, ideal for spaces with low ceilings. Its acrylic lens with a 120° beam angle ensures even light distribution. Designed for 120V circuits, it includes 2.5kV surge protection for added durability.

► **VARIETY** - The fixture comes in 4-inch and 6-inch sizes, available in White, Black, Nickel, or Bronze finishes to suit any design preference.

► **COLOR SELECTABLE** - Choose between 2700K soft white, 3000K warm white, 3500K neutral white, 4000K cool white, or 5000K daylight to find the ideal color temperature for your space.

► **DIMMING** - Smooth triac dimming capabilities from 10% to 100% with modern LED dimmers gives you full control over your space.

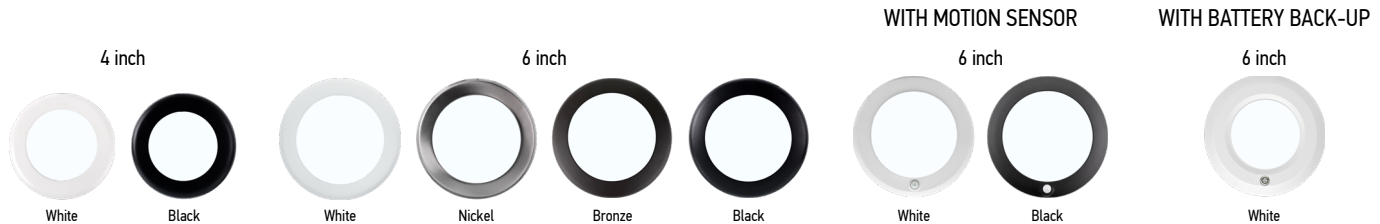
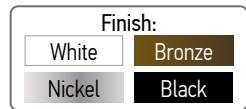
► **INSTALLATION** - Easily install on an existing outlet box or remodeled can with a retrofit kit and universal TP24 or E26 connectors. 2.75", 3.5", and 4" mounting holes offer flexible options. It is also Wet location rated for added versatility.

► **ADVANTAGES** - With a lifespan of 50,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with ETL, Energy Star and T24 certifications to guarantee top quality products and safety!

► OPTIONS:

► **MODELS WITH MOTION SENSOR** - The built-in motion sensor automatically turns off the fixture when no motion is detected. The operation time can be adjusted to 1, 5, or 10 minutes using the switch on the back of the disk.

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



PRODUCT PRESENTATION:

Model	Package type	Size	Power	Voltage	Dimming	Lumens	CCT	Finish	Dimensions	Pre-Installed	Certification
LDS											
ASD-LDS-4D10WH	1/6 pack	4 inch	10 W	120V	Triac	803lm	2,700/3,000/3,500/4,000/5,000 K	White	5-7/8" x 5-7/8" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-4D10BK	1/6 pack	4 inch	10 W	120V	Triac	685lm	2,700/3,000/3,500/4,000/5,000 K	Black	5-7/8" x 5-7/8" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-4D10AC-WH-12PACK	12 pack	4 inch	10 W	120V	Triac	878lm	2,700/3,000/3,500/4,000/5,000 K	White	5-7/8" x 5-7/8" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-4D10AC-BK-12PACK	12 pack	4 inch	10 W	120V	Triac	878lm	2,700/3,000/3,500/4,000/5,000 K	Black	5-7/8" x 5-7/8" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15WH	1/6 pack	6 inch	15 W	120V	Triac	1,240lm	2,700/3,000/3,500/4,000/5,000 K	White	7-1/4" x 7-1/4" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15NK	1/6 pack	6 inch	15 W	120V	Triac	1,245lm	2,700/3,000/3,500/4,000/5,000 K	Nickel	7-5/16" x 7-5/16" x 15/16"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15BR	1/6 pack	6 inch	15 W	120V	Triac	1,240lm	2,700/3,000/3,500/4,000/5,000 K	Bronze	7-1/4" x 7-1/4" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15BK	1/6 pack	6 inch	15 W	120V	Triac	1,240lm	2,700/3,000/3,500/4,000/5,000 K	Black	7-1/4" x 7-1/4" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15AC-WH-12PACK	12 pack	6 inch	15 W	120V	Triac	1,240lm	2,700/3,000/3,500/4,000/5,000 K	White	7-1/4" x 7-1/4" x 7/8"	-	ETL(5029309),ES,T24, JA8
ASD-LDS-6D15AC-BK-12PACK	12 pack	6 inch	15 W	120V	Triac	1,240lm	2,700/3,000/3,500/4,000/5,000 K	Black	7-1/4" x 7-1/4" x 7/8"	-	ETL(5029309),ES,T24, JA8
LDS-MS WITH MOTION SENSOR											
ASD-LDS-6N15WH-MS	1/6 pack	6 inch	15 W	120V	Triac	1,227lm	2,700/3,000/3,500/4,000/5,000 K	White	7-7/16" x 7-7/16" x 1-1/16"	Motion Sensor	ETL(5029309),ES,T24, JA8
ASD-LDS-6N15BK-MS	1/6 pack	6 inch	15 W	120V	Triac	1,227lm	2,700/3,000/3,500/4,000/5,000 K	Black	7-7/16" x 7-7/16" x 1-1/16"	Motion Sensor	ETL(5029309),ES,T24, JA8
LDS-EM WITH BATTERY BACK-UP											
ASD-LDS-6D15WH-EM	1/6 pack	6 inch	15 W	120V	Triac	1,267lm	2,700/3,000/3,500/4,000/5,000 K	White	7-3/16" x 7-3/16" x 1-3/8"	15W Battery Back-up	ETL(5029309),ES,T24, JA8

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

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TECHNICAL PARAMETERS:

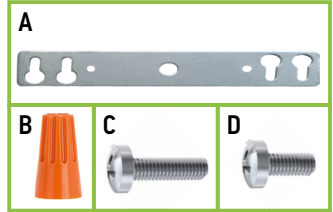
Model	Work environment	Operating temperature	Power factor	Surge protection	Beam Angle	Housing	Lens	CRI
LDS								
ASD-LDS-4D10WH	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
ASD-LDS-4D10BK	Wet location	-4°F to 104°F (-20°C to 40°C)	>0,9	2KV	105°	Iron	PC	>90
ASD-LDS-4D10AC-WH-12PACK	Wet location	-4°F to 104°F (-20°C to 40°C)	>0,9	2KV	105°	Iron	PC	>90
ASD-LDS-4D10AC-BK-12PACK	Wet location	-4°F to 104°F (-20°C to 40°C)	>0,9	2KV	105°	Iron	PC	>90
ASD-LDS-6D15WH	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
ASD-LDS-6D15NK	Wet location	-4°F to 104°F (-20°C to 40°C)	>0,9	2KV	105°	Iron	PC	>90
ASD-LDS-6D15BR	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
ASD-LDS-6D15BK	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
ASD-LDS-6D15AC-WH-12PACK	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	105°	Iron	PC	>90
ASD-LDS-6D15AC-BK-12PACK	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
LDS-MS WITH MOTION SENSOR								
ASD-LDS-6N15WH-MS	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
ASD-LDS-6N15BK-MS	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2KV	110°	Iron	PC	>90
LDS-EM WITH BATTERY BACK-UP								
ASD-LDS-6D15WH-EM	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	2kv	111°	Iron	PC	>90

DIMMING COMPATIBLE CONTROLS:

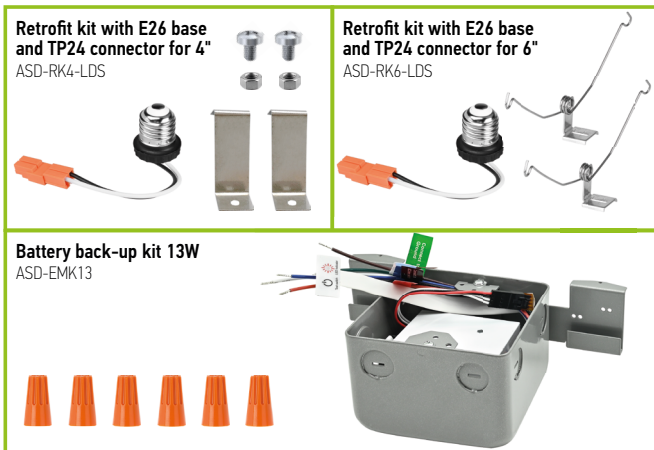
Brand	Lutron			Leviton
Models	DVWCL-153PH-LA	CTCL-150H-WH	S-600PR-WH	6633-P
	DVW-603PGH-WH	CT-600PR-WH	DV-600P	IPL06
	CTCL-153PR-WH	CT-103PR-WH	NT-1000	6674
	CT-603PGH-WH	SLV-600P-WH	S-603P	6672
	DVCL-153P-WH	DVVL-603P-IV	S-600P	
	DVRF-6L (only for ASD-LDS-6D15MW, ASD-LDS-6D15MB models)			

PACKAGE CONTENTS:

Description	Quantity
LED Disk Light	1 (12 for 12PACK)
Crossbar (A) for 4" models	1
Wire nut (B)	3
Screw (C)	2
Screw (D)	2
Box	1



ACCESSORIES (sold separately):



ACCESSORY COMPATIBILITY LIST:

Accessories	Retrofit kit with E26 base and TP24 connector for 4" ASD-RK4-LDS	Retrofit kit with E26 base and TP24 connector for 6" ASD-RK6-LDS	Battery back-up kit 13W ASD-EMK13
Models			
ASD-LDS	4"	•	•
ASD-LDS-MS	6"	•	•
ASD-LDS-EM	6"	•	•

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BUILT-IN MOTION SENSOR INFORMATION

MOTION SENSOR OPERATION

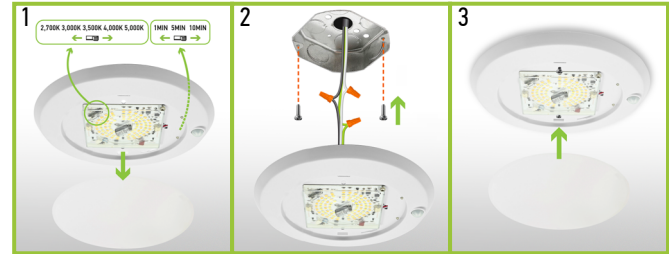
Condition	Light response
Power turned on	The light stays ON for 12 seconds
Motion detected	The light stays ON for 1/ 5/ 10 minutes (the timer resets with each new motion)

MOTION SENSOR INSTALLATION PARAMETERS

Ceiling mount		Wall mount	
Mounting height	7 ft	Mounting height	5 ft
Detection range	16 ft	Detection range	13-19 ft

INSTALLATION MOTION SENSOR MODELS:

1. Remove the Lens by turning it counter clockwise. Choose preferred color temperature by adjusting the switch position. Choose preferred motion sensor settings.
2. Insert two screws into the outlet box. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with wire nuts. Tuck all the wires into the outlet box.
3. Attach the fixture to the outlet box by feeding screws through the keyhole slots and then tighten the screws in the narrow end of the keyhole slots. Do not over tighten. Place the Lens back and turn it clockwise to fix.



BUILT-IN BATTERY BACK-UP INFORMATION

Specifications	
Input voltage	120V 50/60 Hz
Input current	0.12 A
Output current	0.08 A
Output power	126V
Lumen	1,267lm Max / 240lm (Emergency status)
Application	15W (Triac dimmable) / 3W (Emergency status, non-dimmable)
Ambient temperature	-4°F to 113°F (-20°C to 45°C)

SWITCH TEST

1. When the main power supply is connected and enters the normal state, press the test switch and the emergency conversion kit will enter the emergency mode.
2. If the test switch is not pressed normally, the charging mode is entered.
3. In the emergency state, hold down the test switch for 3 seconds to turn off the emergency state

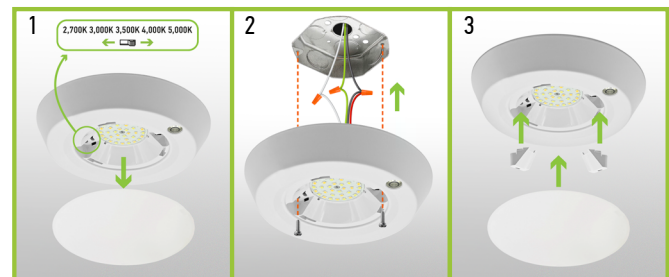
INDICATOR LIGHT

1. Red stable: charging mode or charging full
2. Red off: mains power off or discharging mode.

Charging	Discharging	Fault
 ON	 OFF	 OFF

INSTALLATION STEPS BATTERY BACK-UP MODELS:

1. Remove the lens by turning it counter clockwise. Choose needed color temperature by adjusting the switch.
2. This fixture fits most outlet boxes with 2.75" and 3.5" holes. Connect the wires: Black and Red to Black using one nut, White to White, Green to Green. Secure the connection with wire nuts.
3. Neatly arrange all supply wires inside the junction box. Secure the fixture body to the junction box using the two provided mounting screws. Insert the hole plugs into the designated openings on the fixture body, pressing them firmly in to place. Ensure the plugs fully cover the heads of the mounting screws for a clean, finished appearance. Place the Lens back and turn it clockwise to secure.



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



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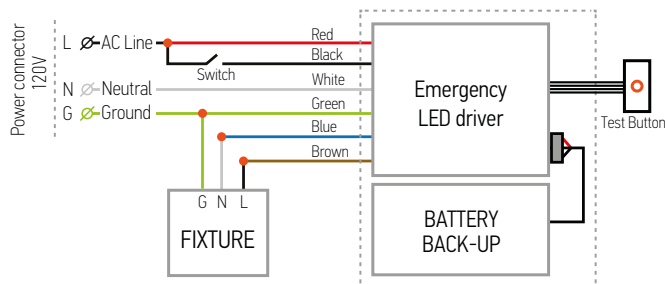
BATTERY BACK-UP KIT INFORMATION

ASD-EMK13 sold separately

ADDITIONAL NOTES

- Do not use outdoors.
- Do not install near gas or electric heaters.
- Equipment should be installed in locations and at heights where it will not be tampered with by unauthorized persons.
- Use of auxiliary equipment not recommended by the manufacturer may create an unsafe condition.
- Do not use this equipment for purposes other than intended.
- Use with grounded, certified (UL Listed) fixtures intended for dry or damp locations; the housing must be grounded.
- The equipment is intended for ordinary locations and for permanent installation in one or more specified emergency luminaires.

WIRING DIAGRAM



IMPORTANT OPERATIONAL INSTRUCTIONS / PRECAUTIONS

1. Emergency lighting fixtures must be installed by qualified personnel; power should be applied only after proper wiring connections are made.
2. Ensure all wires are connected, and the battery must be connected before supplying mains power.
3. When working with wiring during battery discharge, always disconnect the battery first to avoid hazardous live output voltage - this may cause a short circuit and electric shock.
4. After connecting the circuit to mains, press the test switch - this will switch the entire fixture from normal charging (or normal lighting mode) into emergency mode. After releasing the switch, the lamp will automatically return to charging mode.

USAGE / OPERATION

Important: Please charge the battery for more than 24 hours on first use to activate all battery cells and ensure normal charge/discharge duration.

Button	Remarks
	ON Charging
	OFF Discharging
	OFF Fault

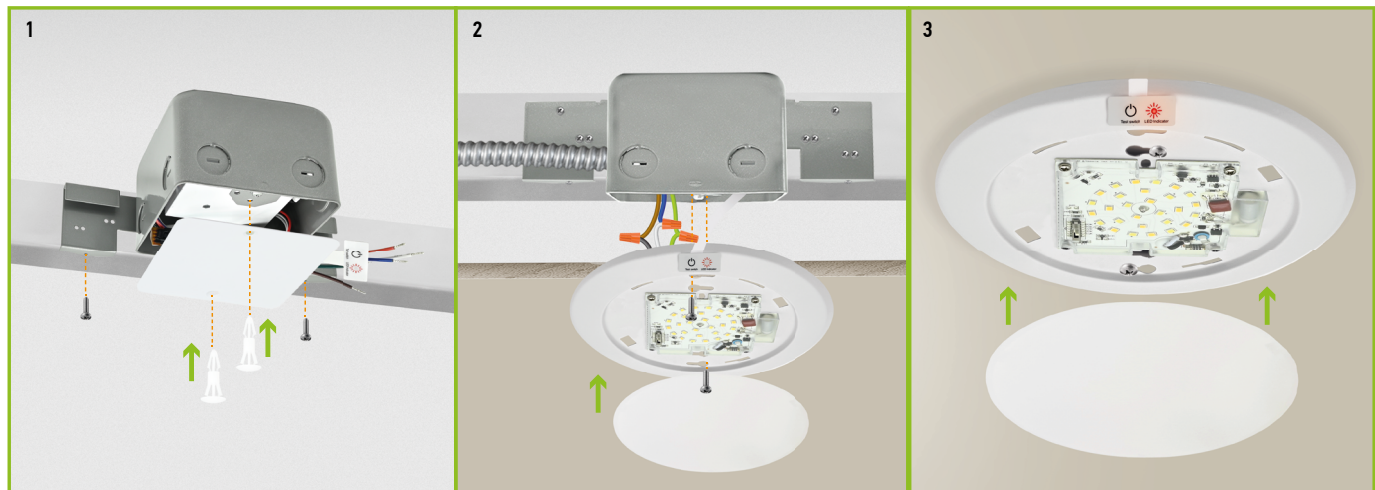
1. Charging / AC Power ON: Charging mode / power on - red indicator ON.
2. Discharging / Emergency Mode / AC Power OFF: Discharging / emergency mode - red indicator OFF.
3. Emergency power supply failure / AC Power OFF: Emergency power failure - fixture does not operate.

SWITCH TEST

1. When mains power is connected and in normal state, press the test switch - the emergency kit will enter emergency mode.
2. If the test switch is not pressed, the device will remain in charging mode.
3. In emergency mode, holding the test switch for 3 seconds will exit emergency mode.

INSTALLATION STEPS FOR BATTERY BACK-UP KIT:

1. Turn off the power (and circuit breaker). Mount the emergency power unit to the beam and secure it with screws. Insert the plastic plug into the 2.75" hole in the J-Box and secure it — this protects against dust during painting/plastering. After finishing, cut off the plastic screws and remove the cover.
2. Connect the three wires of the emergency power unit to the mains and secure them inside the junction box. Install the test switch on the edge of the fixture, then connect the EM wires to the fixture wires: blue to white, brown to black, green to ground. Attach the fixture with two screws (max weight: 4.8 kg), ensuring it is flush with the ceiling.
3. Reinstall the cover/lens by turning it back in to place. Turn on the power and press the test switch to verify operation.



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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.

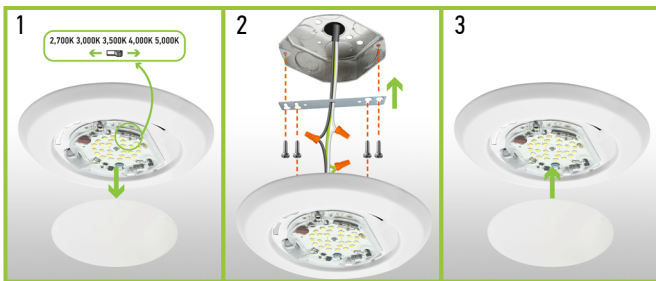
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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.

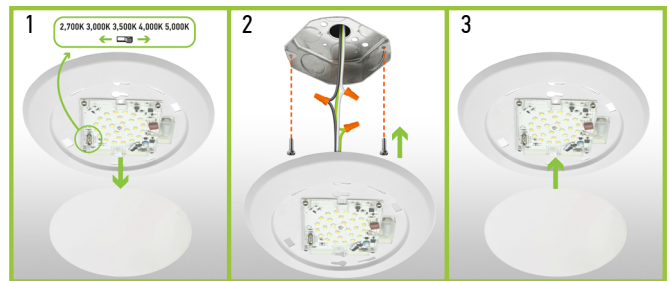
INSTALLATION STEPS 4" MODELS:

1. Remove the lens by turning it counter clockwise. Choose needed color temperature by adjusting the switch.
2. This fixture fits most outlet boxes with 2.75", 3.5" or 4" holes. Attach the crossbar to the outlet box using two screws. Insert another two screws into the crossbar. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with wire nuts. Tuck all the wires into the outlet box.
3. Attach the fixture to the crossbar by feeding screws through the keyhole slots and then tighten the screws in the narrow end of the keyhole slots. Do not over tighten. Place the Lens back and turn it clockwise to secure.



INSTALLATION STEPS 6" MODELS:

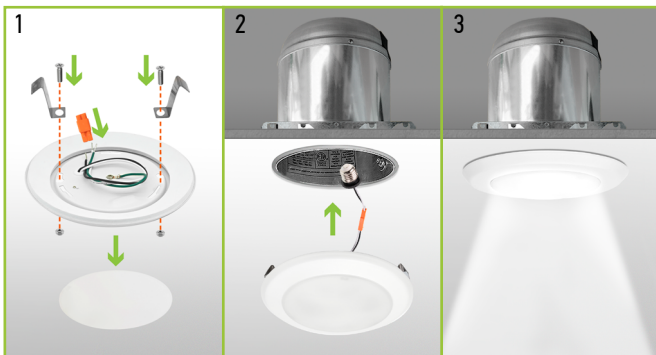
1. Remove the lens by turning it clockwise. Choose needed color temperature by adjusting the switch.
2. This fixture fits most outlet boxes with 2.75", 3.5" or 4" holes. Insert two screws into the outlet box. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with wire nuts. Tuck all the wires into the outlet box.
3. Attach the fixture to the outlet box by feeding screws through the keyhole slots and then tighten the screws in the narrow end of the keyhole slots. Do not over tighten. Place the Lens back and turn it counter clockwise to secure.



RECESSED CAN INSTALLATION 4" sold separately:

ASD-RK4-LDS

1. Remove the existing fixture. Remove the Lens by turning it counter clockwise. Attach remodeled clips. Secure with screws and nut. Place the Lens back and turn it clockwise.
2. Link TP24 connector with the fixture wires. Connect the E26 Adapter and thread it into the socket of the recessed Can or connect it with TP24 of the recessed Can directly.
3. Carefully route wires, and push fixture up to ceiling surface.



RECESSED CAN INSTALLATION 6" sold separately:

ASD-RK6-LDS

1. Place the spring clip arms into the rectangular slots and twist them in a locked position. The spring clips must be adjusted depending on the Can size.
2. Link TP24 connector with the fixture wires. Connect the E26 Adapter and thread it into the socket of the recessed Can or connect it with TP24 of the recessed Can directly.
3. Squeeze the two sets of spring clip arms up towards each other. Carefully route wires into the Can, and hook both sets of spring clip arms into the arm hooks on the inside wall of the Can. Release spring clip arms and gently push the Disk Light up into the Can until flush against the ceiling surface.



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ORDERING INFORMATION

Model	Package type	Product dimensions	Weight	Pcs. Per carton	Carton size	Carton weight	UPC	GTIN 14
LDS								
ASD-LDS-4D10WH	1/6 pack	5-7/8" x 5-7/8" x 7/8"	0.3 lbs(0.1kg)	6pcs	7.09" X 6.50" X 6.89"	3.3 lbs	81012811645	10810128116456
ASD-LDS-4D10BK	1/6 pack	5-7/8" x 5-7/8" x 7/8"	0.4 lbs(0.2kg)	6pcs	12.80" X 4.92" X 6.69"	3.7 lbs	81012811647	10810128116470
ASD-LDS-4D10AC-WH-12PACK	12 pack	5-7/8" x 5-7/8" x 7/8"	5.5 lbs(2.5kg)	12pcs (1x12pack)	13.39" X 6.10" X 6.69"	6.4 lbs	81012811646	-
ASD-LDS-4D10AC-BK-12PACK	12 pack	5-7/8" x 5-7/8" x 7/8"	5.5 lbs(2.5kg)	12pcs (1x12pack)	13.39" X 6.10" X 6.69"	6.4 lbs	81012811648	-
ASD-LDS-6D15WH	1/6 pack	7-1/4" x 7-1/4" x 7/8"	0.4 lbs(0.2kg)	6pcs	9.06" X 7.87" X 8.19"	5.1 lbs	81012811642	10810128116425
ASD-LDS-6D15NK	1/6 pack	7-5/16" x 7-5/16" x 15/16"	0.7 lbs(0.3kg)	6pcs	15.55" X 4.92" X 8.07"	5.3 lbs	81012811641	10810128116418
ASD-LDS-6D15BR	1/6 pack	7-1/4" x 7-1/4" x 7/8"	0.4 lbs(0.2kg)	6pcs	9.06" X 7.87" X 8.19"	5.1 lbs	81012811670	10810128116708
ASD-LDS-6D15BK	1/6 pack	7-1/4" x 7-1/4" x 7/8"	0.4 lbs(0.2kg)	6pcs	9.06" X 7.87" X 8.19"	5.1 lbs	81012811640	10810128116401
ASD-LDS-6D15AC-WH-12PACK	12 pack	7-1/4" x 7-1/4" x 7/8"	5.7 lbs(2.6kg)	12pcs (1x12pack)	15.35" X 6.10" X 8.07"	6.8 lbs	81005073888	-
ASD-LDS-6D15AC-BK-12PACK	12 pack	7-1/4" x 7-1/4" x 7/8"	5.7 lbs(2.6kg)	12pcs (1x12pack)	15.35" X 6.10" X 8.07"	6.8 lbs	81012811758	-
LDS-MS WITH MOTION SENSOR								
ASD-LDS-6N15WH-MS	1/6 pack	7-7/16" x 7-7/16" x 1-1/16"	0.6 lbs(0.2kg)	6pcs	8.98" X 7.80" X 8.11"	5.5 lbs	81012811759	10810128117590
ASD-LDS-6N15BK-MS	1/6 pack	7-7/16" x 7-7/16" x 1-1/16"	0.6 lbs(0.2kg)	6pcs	8.98" X 7.80" X 8.11"	5.5 lbs	81019020242	10810190202422
LDS-EM WITH BATTERY BACK-UP								
ASD-LDS-6D15WH-EM	1/6 pack	7-3/16" x 7-3/16" x 1-3/8"	0.8 lbs(0.3kg)	6pcs	15.35" x 5.28" x 8.19"	6.6 lbs	81012811902	20810128119027

ACCESSORIES:

Model	Product dimensions	Weight	Pcs. (pack) Per carton	Carton size	Carton weight	UPC	GTIN 14
ASD-RK4-LDS-6PACK	-	0.4 lbs(0.2kg)	48(8)	12.20" X 10.43" X 5.51"	4.6 lbs	81005073937	10810050739372
ASD-RK6-LDS-6PACK	-	0.5 lbs(0.2kg)	48(8)	15.55" X 8.66" X 8.07"	6.0 lbs	81005073889	10810050738894
ASD-EMK13	8-1/2" x 5-1/8" x 3-3/8"	2.3 lbs(1kg)	6	15.9" x 9.7" x 7.1"	16.5 lbs	810190201978	10810190201975

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

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