



LED SMART RGBW ROUND WAFER

JB-SMART-RGBW series

DESIGN: LED WAFER ROUND WITH RGBW and classic, low-profile design is an ideal solution for low ceilings. This fixture has a J-box, plug & twist connector, spring-loaded clips, and requires only 2" of ceiling space, making the installation process quick and easy. The acrylic lens with a 110° beam angle grants you even light. It is designed to operate on 120V circuits and provides smooth dimming capabilities ranging from 10% to 100%.

RGBW: The fixture has RGBW design with ASD SMART APP control. You can easily select Red, Green, Blue, White (2700K-6500K) colors or its' combinations, having 16.7 million colors in total. You can also choose lighting patterns and set up a schedule, having a great variety of good looking effects. All of it is easily controlled by ASD SMART APP on your Smartphone. The fixture is also compatible with Alexa and Google Assistant.

INSTALLATION: Quick and easy installation. This fixture is IC rated so there is no can or any other housing required.

APPLICATION: The fixture is rated for Wet location, making it perfect for kitchen, corridors, bathroom or any other common areas.

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 and T24 certification to guarantee top quality products and safety!



PRODUCT PRESENTATION

MODEL	SIZE	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	CERTIFICATION
ASD-JBR-4D12SM-RGBW-WH	4 inch	9W+3W	120V	SMART APP	771lm	Red-Green-Blue 2,700-6,500 K	White	4-15/16" x 4-15/16" x 7/8"	ETL(5029309), T24, JA8
ASD-JBR-6D15SM-RGBW-WH	6 inch	12W+3W	120V	SMART APP	1,109lm	Red-Green-Blue 2,700-6,500 K	White	7-11/16" x 6-3/4" x 1-1/4"	ETL(5029309), T24, JA8

TECHNICAL PARAMETERS

MODEL	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	BEAM ANGLE	SURGE PROTECTION	HOUSING	LENS	CRI
ASD-JBR-4D12SM-RGBW-WH	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	112°	2kV	Aluminum	PS	>90
ASD-JBR-6D15SM-RGBW-WH	Wet location	-4°F to 113°F (-20°C to 45°C)	>0,9	112°	2kV	Aluminum	PS	>90

DIMENSIONS JUNCTION BOX

FIXTURE	JUNCTION BOX
ASD-JBR-4D12SM-RGBW-WH	3-15/16" x 2-11/16" x 1-5/16" (100mm x 68mm x 34mm)
ASD-JBR-6D15SM-RGBW-WH	4-8/16" x 2-11/16" x 1-3/8" (115mm x 68mm x 35mm)

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

ASD LIGHTING CORP | www.asd-lighting.com | orders@asd-lighting.com



ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 14
ASD-JBR-4D12SM-RGBW-WH	4-15/16" x 4-15/16" x 7/8"	0.6 lbs(0.2kg)	6	11.02" x 8.82" x 6.46"	4.6 lbs	81019020265	10810190202651
ASD-JBR-6D15SM-RGBW-WH	6-7/8" x 6-7/8" x 5/8"	0.8 lbs(0.4kg)	6	14.76" x 7.87" x 7.28"	5.3 lbs	81012811522	10810128115220

ACCESSORIES

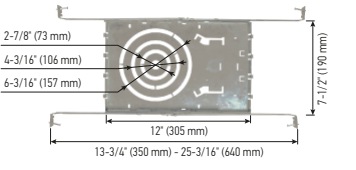
MODEL	PRODUCT DIMENSIONS	PCS. (PACK) PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 14
ASD-EMK-JBR	9-15/16" x 2-13/16" x 1-3/8"	12 (1)	11.3" x 11.4" x 6.3"	19.8 lbs	810190202647	10810190202644
ASD-MPLR-346-SC-6PACK	14-3/8" x 10-9/16" x 1-5/8"	12 (2)	17.3" x 11.9" x 13.4"	17 lbs	810050739337	10810050739334
ASD-MPLR-346-FA-6PACK	13-1/4" x 9-1/16" x 1/16"	24 (4)	14.4" x 9.8" x 3.2"	18.1 lbs	810050739344	10810050739341
ASD-MPLR18-346-FA-6PACK	18" x 9-1/16" x 1/16"	24 (4)	18.9" x 9.8" x 3.2"	32.9 lbs	810128112826	10810128112823
ASD-MPLR-346-FS-6PACK	26" x 8-1/4" x 1/16"	24 (4)	27" x 9.1" x 3.2"	21 lbs	810050739351	10810050739358
ASD-MPLR-4-FS-6PACK	26" x 8-1/4" x 1/16"	24 (4)	26.9" x 9.5" x 3.8"	26.2 lbs	810190202562	10810190202569
ASD-MPLR-6-FS-6PACK	26" x 8-1/4" x 1/16"	24 (6)	26.9" x 9.5" x 3.8"	26.3 lbs	810190202579	10810190202576

ACCESSORIES (sold separately)

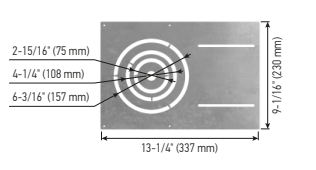
PLUG-IN BATTERY BACK-UP KIT 3.5W
ASD-EMK-JBR



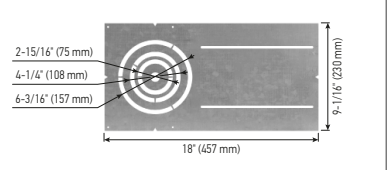
NEW CONSTRUCTION MOUNTING PLATE WITH ROUND HOLES AND SLIDING CLIPS 3-4-6"
ASD-MPLR-346-SC



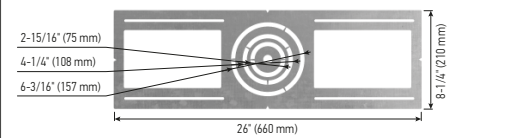
NEW CONSTRUCTION MOUNTING PLATE WITH ASYMMETRIC HOLES 3-4-6"
ASD-MPLR-346-FA



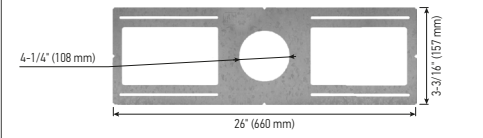
NEW CONSTRUCTION FLAT MOUNTING PLATE 18" WITH ASYMMETRIC ROUND HOLES 3-4-6"
ASD-MPLR18-346-FA



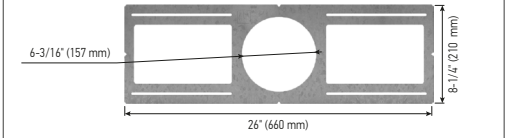
NEW CONSTRUCTION FLAT MOUNTING PLATE WITH SYMMETRIC ROUND HOLES 3-4-6"
ASD-MPLR-346-FS



NEW CONSTRUCTION FLAT MOUNTING PLATE WITH SYMMETRIC ROUND HOLES 4"
ASD-MPLR-4-FS-6PACK



NEW CONSTRUCTION FLAT MOUNTING PLATE WITH SYMMETRIC ROUND HOLES 6"
ASD-MPLR-6-FS-6PACK



ACCESSORY COMPATIBILITY LIST

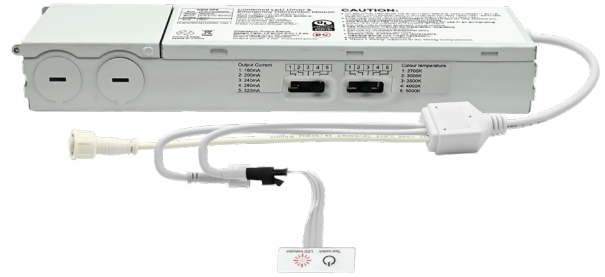
ACCESSORIES	MODELS	
	ASD-JBR-4D12SM-RGBW-WH	ASD-JBR-6D15SM-RGBW-WH
Plug-in battery back-up kit 3.5W ASD-EMK-JBR	•	•
New construction mounting plate with round holes and sliding clips 3-4-6" ASD-MPLR-346-SC	•	•
New construction flat mounting plate with asymmetric round holes 3-4-6" ASD-MPLR-346-FA	•	•
New construction flat mounting plate 18" with asymmetric round holes 3-4-6" ASD-MPLR18-346-FA	•	•
New construction flat mounting plate with symmetric round holes 3-4-6" ASD-MPLR-346-FS	•	•
New construction flat mounting plate with symmetric round holes 4" ASD-MPLR-4-FS-6PACK	•	
New construction flat mounting plate with symmetric round holes 6" ASD-MPLR-6-FS-6PACK		•

PLUG-IN BATTERY BACK-UP KIT INFORMATION

CAUTION

- Before performing a high-voltage insulation test, ensure the battery pack is removed and that there is no contact between the battery pack and the LED drivers.
- After testing, disconnect the battery pack unit connector before shipping and storing.
- During storage, the battery pack will need 24 hours of charging every 3 months.

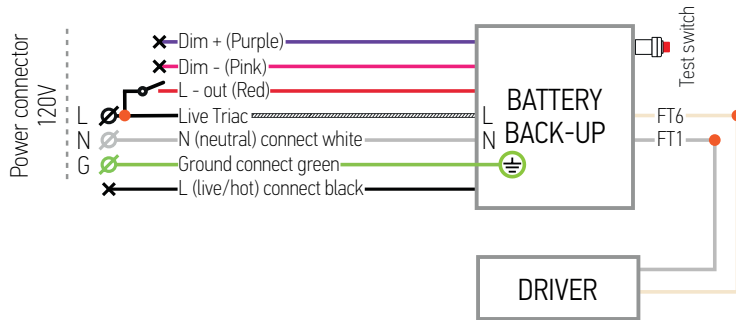
ASD-EMK-JBR **sold separately**



SIZE AND POWER	SERIES	CABLE	mA
4inch 12 W	JBR	FT1	280
6inch 15 W	JBR		240

Color temperature (CCT) selection and output current must be chosen according to the fixture type and the table supplied with the product.

WIRING DIAGRAM (120V AC TRIAC DIMMABLE)



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	Failure

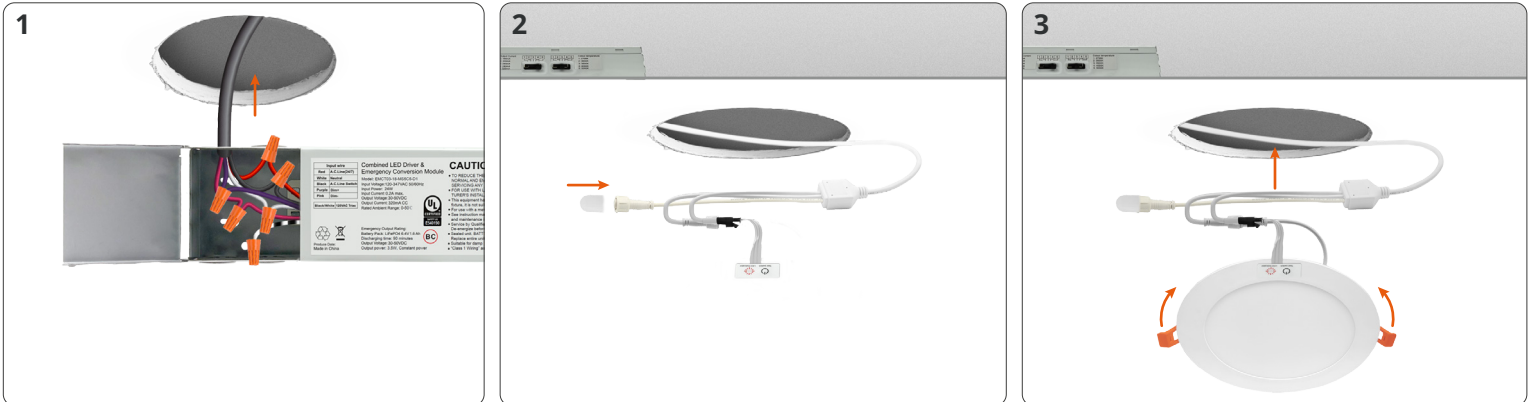
1. Charging / AC Power ON: Charging mode / power on- red indicator ON.
2. Discharging / Emergency Mode / AC Power OFF: Discharging / emergency mode - red indicator OFF.
3. Emergency power supply failure / AC Power OFF: Emergency power failure - fixture does not operate.

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 BATTERY BACK-UP KIT

sold separately ASD-EMK-JBR



1. Turn off power before installation and remove any existing fixtures. Open the emergency power supply cover, remove the required knockout on the side panel, install a suitable cable clamp (not included), feed the power cable through it, and connect the wires.

For Triac dimming: red to red, white to white, black & white to black & white. Cap the remaining wires.

2. Insert the emergency power supply into the mounting hole and secure it. The hole must be larger than 3-1/8 inches or the unit will not fit. Connect the fixture power cable to the emergency power supply.

3. Remove the adhesive backing from the indicator light and attach it to the fixture surface. Push the spring clips in to the mounting hole and insert the fixture; it will sit flush with the ceiling. Restore power and press the test switch to verify operation.



ASD Smart is an innovative solution for seamless control of all ASD Lighting smart fixtures. With the mobile app, users can easily adjust brightness, switch between lighting modes, and manage every connected light from one place.

The app also supports group control, allowing multiple fixtures to work in sync, as well as personalized lighting scenes and DIY effects that let users create unique combinations of colors and moods. Ideal for living spaces, bedrooms, and entertainment areas, the system brings vibrant, expressive light into any interior. For added convenience, it integrates with voice assistants like Amazon Alexa, enabling hands-free lighting control. This smart solution combines flexibility, creativity, and energy-efficient performance in one intuitive system.



ADVANCED LIGHTING CONTROL

RGBIC technology creates smooth color gradients for a more immersive and atmospheric glow.



**RGBW DESIGN
WITH 16.7 MILLIONS COLORS**



GROUP CONTROL

Sync multiple fixtures together for seamless control of color, scenes, and brightness.



SCHEDULING

Set your lights to turn on and off exactly when you need them - by time of day and day of the week.



HANDS-FREE VOICE CONTROL

Control your fixtures with simple voice commands for effortless everyday use.



INSTALLATION GUIDE

Please read all the instructions below before installation!

IMPORTANT SAFETY INFORMATION

- 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.

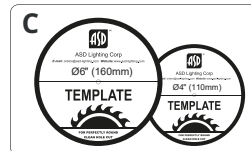
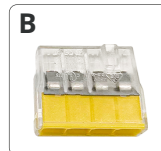
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

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.

PACKAGE CONTENTS

DESCRIPTION	QUANTITY
LED Smart RGBW Round Wafer	1
J-Box driver (A)	1
Connector (B)	3
Template (C)	1
Box	1



STEP-BY-STEP GUIDE FOR ADDING NEW DEVICES TO THE ASD SMART APP

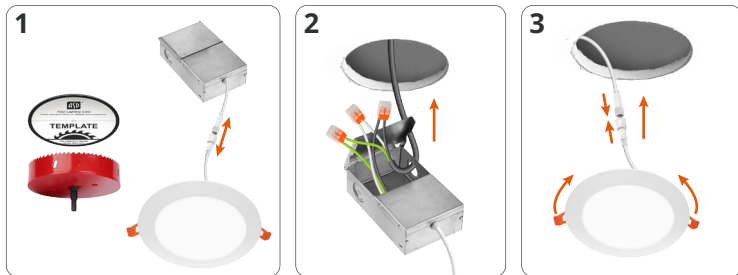
- Download the ASD SMART APP from the App Store (for iOS) or from the Google Play Store (for Android) using the QR codes below.

[ASD SMART APP download Android](#)

[ASD SMART APP download iOS](#)



INSTALLATION STEPS



- Use template to cut an appropriate sized hole. Disconnect the fixture from the junction box.
- Open junction box. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with quick connector. Choose needed color temperature by adjusting the switch. Close the junction box.
- Insert the junction box into the cut hole, leaving the connection cable outside. Connect the fixture to the Junction box inserting the cable and securing it with a cap. Push the spring loaded clips upwards and insert the fixture base into the mounting hole. Release the clips, so the fixture fits securely.

MOUNTING PLATE INSTALLATION

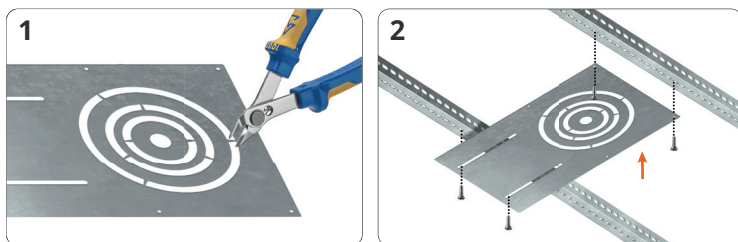
sold separately

ASD-MPLR-346-FA

ASD-MPLR18-346-FA

ASD-MPLR-346-FS

ASD-MPLR-346-SC



- Remove the metal ring from the mounting plate according to the size of fixture.
- Place the mounting plate and secure its position with screws on the beams.

- Connect the fixture to a power source, then prepare the fixture for pairing:
 - If the fixture is blinking: It's already in pairing mode. Skip to Step 4.
 - If the fixture is not blinking: Go to Step 3 to manually enter pairing mode.

- Manually put the fixture in pairing mode:

- Turn the fixture on and off 5 times. The interval between turning on and off should be at least one second.
- The fixture will start blinking, signaling it's in pairing mode. The blinking might stop after a few seconds, but it will still be in pairing mode.

- Adding the fixture to the App:

- Ensure Bluetooth is enabled and your phone is connected to a Wi-Fi network with internet access.
- Open the ASD SMART APP.
- At the top of the App, select the area where the new fixture will be located.
- Tap the "+" button in the top right corner, then select "Add device".
- Wait for the App to detect the fixture. Once it appears, tap "Add".
- Enter your Wi-Fi credentials when prompted.
- Once the fixture is successfully added, tap "Done" to complete the setup.

FAQ

- I can't see the device in the App:

Ensure the smart device is plugged in, Wi-Fi and Bluetooth are enabled on your mobile device, and your network hasn't reached its device limit.

If you're still having trouble:

- Keep the fixtures in pairing mode and reset your router.
- Verify that your Wi-Fi network is 2.4 GHz, as smart devices require this frequency.
- Ensure your smart device is within Wi-Fi range (approximately 5-10ft indoors).

- "Time out" error when connecting the device:

- On the App homepage, tap the "Me" icon in the lower right corner.
- In the upper right corner of the next screen, tap the "Settings" icon.
- Scroll to the bottom of the settings page to check the current storage occupied by the App cache.
- Close the App, reboot your phone, and try re-adding the device.

- I can't control multiple devices at once.

Ensure you are not attempting to group different types of devices (for example, a wall sconce and a security camera). Only devices of the same type can be grouped and controlled together.