



SMART RGBW FULL SURFACE LINEAR HIGH BAY

► **DESIGN** - SMART RGBW FULL SURFACE LINEAR HIGH BAY a blend of intelligent control and modern aesthetics, this fixture is crafted for both performance and durability. Its robust die-cast aluminum housing offers superior heat dissipation, while the anti-glare polycarbonate lens delivers comfortable and consistent lighting. The full-surface LED layout ensures broad, even illumination—ideal for commercial and industrial applications where reliability and style matter.

► **RGBW** - The fixture features an RGBW design with APP control. It allows you to easily select Red, Green, Blue, or White (3,500K and 5,000K) colors, as well as their combinations, offering a total of 16.7 million colors. Additionally, you can choose from various lighting patterns and set up schedules, creating a wide range of visually appealing effects.

► **INSTALLATION** - This fixture supports three different mounting styles: a suspended setup for a floating appearance, a surface-mounted option for a flush fit, and a pendant-style installation for a stylish, hanging effect.

► **APPLICATION** - Perfect commercial or industrial solution for warehouses, supermarkets, retail stores, gyms, and many other applications.

► **ADVANTAGES** - With calculated lifespan up to 167 000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL certification to guarantee top quality products and safety!



PRODUCT PRESENTATION:

Model	Power	Voltage	Dimming	Lumens	CCT	Finish	Dimensions	Certification
ASD-WHB7-160RGBW	160 W	120-277V	SMART APP	19,257lm	Red-Green-Blue-2700K-6500K	White	23-5/8" x 11-13/16" x 2-7/8"	UL(E473804)
ASD-WHB7-220RGBW	220 W	120-277V	SMART APP	26,520lm	Red-Green-Blue-2700K-6500K	White	32-11/16" x 11-13/16" x 3"	UL(E473804)

For detailed luminous flux information please refer to Annex 1.

ORDERING INFORMATION

Model	Product dimensions	Weight	Pcs. per carton	Carton size	Carton weight	UPC
ASD-WHB7-160RGBW	23-5/8" x 11-13/16" x 2-7/8"	8.4 lbs(3.8kg)	1	24.53" x 3.78" x 12.99"	10.6 lbs	81019020229
ASD-WHB7-22022050	24" x 12-9/16" x 3"	9.9 lbs(4.5kg)	1	26.70" x 15.10" x 5.60"	11.7 lbs	81005073536

ACCESSORIES:

Model	Product dimensions	Pcs. in middle box	Middle box size	Middle box weight	Pcs. per carton	Carton size	Carton weight	UPC	GTIN 14 in middle box	GTIN 14 in carton
ASD-SMB1-WHB5	4" x 3-11/16" x 3-1/16"	-	-	-	50	22.8" x 7.9" x 20.9"	24.3 lbs	810050739764	-	20810050739768
ASD-PMB1-WHB5	4" x 3-11/16" x 3-1/8"	-	-	-	50	22.8" x 7.9" x 20.9"	34.2 lbs	810050739757	-	20810050739751

ANNEX 1

Model	Watts	3,500 K	4,000 K	5,000 K
ASD-WHB7-160RGBW	160 W	19,142 lm	19,257 lm	19,105 lm
ASD-WHB7-220RGBW	220 W	26,520 lm	25,967 lm	25,574 lm

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

ASD LIGHTING CORP

E-mail: orders@asd-lighting.com | Web site: www.asd-lighting.com





SMART RGBW FULL SURFACE LINEAR HIGH BAY



ASD Smart is an innovative solution for seamless control of lighting fixtures from ASD Lighting. With the mobile app, users can easily adjust brightness, change color temperature, and utilize RGB lighting to create the perfect ambience.

The App supports **group control**, allowing multiple lights to work in sync, as well as the creation of **personalized lighting scenarios**. For added convenience, it integrates with **voice assistants** like Amazon Alexa, enabling hands-free lighting control.

This smart solution enhances **convenience, innovation, and energy efficiency** wherever it is used.

ASD SMART APP
download Android



ASD SMART APP
download iOS



Smartphone manual



FIXTURE CONTROL

Set brightness, change color temperature, use RGB lighting.



CUSTOM SCENARIOS

Allows you to apply scenes, scenarios or to create your own.



SCHEDULING

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



GROUP CONTROL

Control multiple lights as one - group devices together for seamless, synchronized lighting



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

ASD LIGHTING CORP

E-mail: orders@asd-lighting.com | Web site: www.asd-lighting.com





SMART RGBW FULL SURFACE LINEAR HIGH BAY

TECHNICAL PARAMETERS:

Model	Max input current	Inrush current	Work environment	Operating temperature	Power factor	Beam Angle	Surge protection	Housing	Lens	CRI
ASD-WHB7-160RGBW	1.62A	133A	Damp location	-4°F to 122°F(-20°C to 50°C)	>0,9	90°	6 kV	Aluminum	PC	> 80
ASD-WHB7-220RGBW	2.25A	143A	Damp location	-4°F to 122°F(-20°C to 50°C)	>0,9	90°	6 kV	Aluminum	PC	> 80

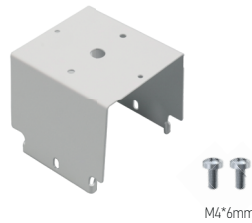
PACKAGE CONTENTS:

Description	Quantity
LED Full Surface Linear High Bay	1
Hanging kit: V hook, chain 3.2 ft (A)	1
Box	1



ACCESSORIES (sold separately):

Surface mounting bracket ASD-SMB1-WHB5



Pendant mount bracket for 100-220W ASD-PMB1-WHB5



ACCESSORY COMPATIBILITY LIST:

Models	Accessories	
	Surface mount bracket ASD-SMB1-WHB5	Pendant mounting bracket ASD-PMB1-WHB5
ASD-WHB7-160RGBW	•	•
ASD-WHB7-220RGBW	•	•

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

ASD LIGHTING CORP

E-mail: orders@asd-lighting.com | Web site: www.asd-lighting.com





SMART RGBW FULL SURFACE LINEAR HIGH BAY

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.

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

1. Download the ASD SMART APP from the Apple App Store (for iOS) or from the Google Play Store (for Android) using the QR codes below.
2. 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.
3. 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.
4. 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.

⚠ 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.

FAQ:

1. 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).

2. "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.

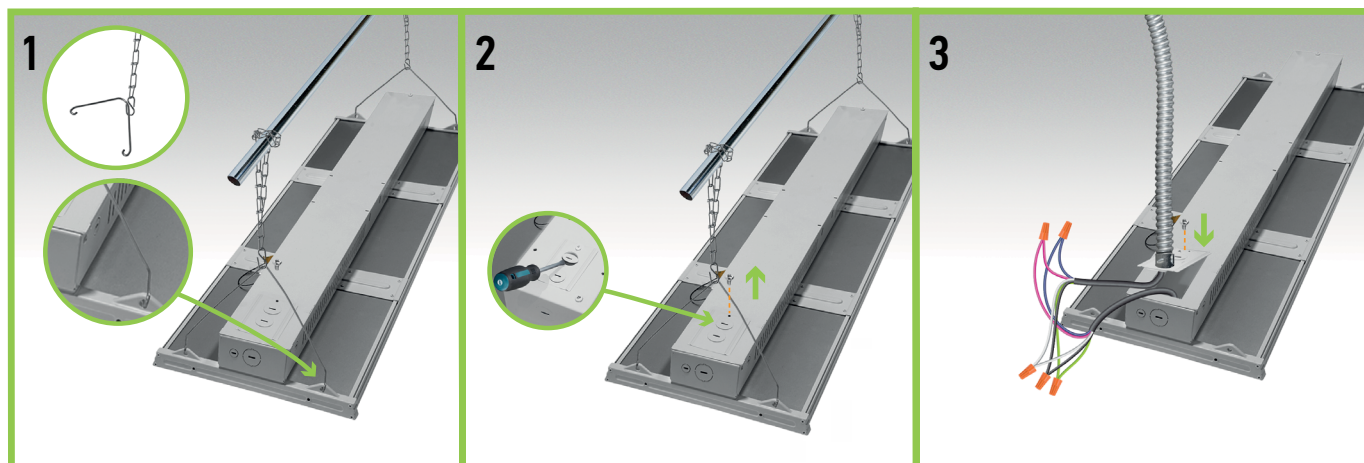
3. I can't control multiple devices at once.

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.

To learn more about the App, check out the instructions at this link.

INSTALLATION STEPS:

1. Insert V-hooks into both ends of the fixture. Secure chain to ceiling, beam or other mounting surface.
2. Unscrew and open backplate, use screwdriver to open one knockout.
3. Connect the wires: Black to Black, White to White, Green to Green. If you are not using the dimming wires cap them off but not together. Reattach knockout plate to top of the fixture and secure with screw.



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