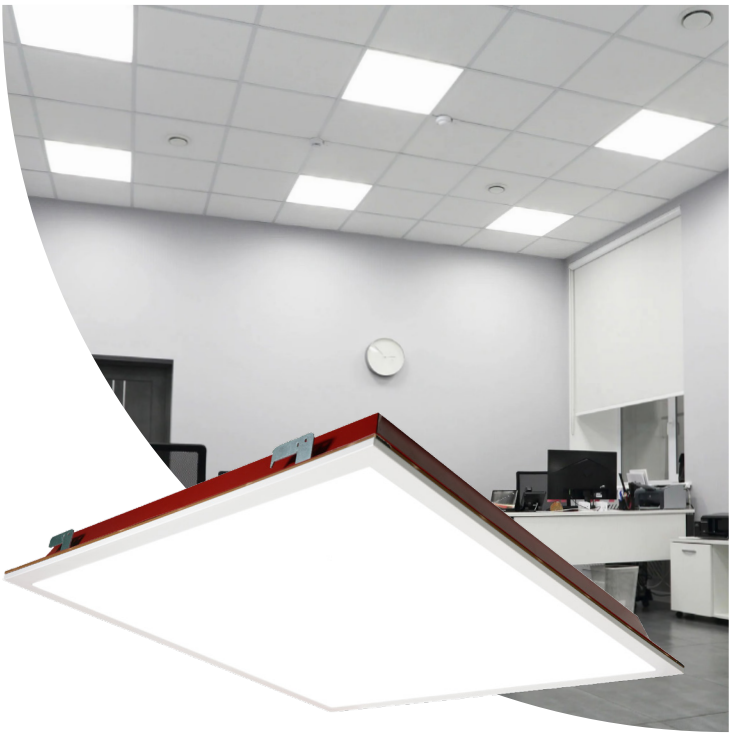
LED FIRE-RATED BACK-LIT PANEL

BFR series



DESIGN: The FIRE-RATED LED BACK-LIT PANEL features a durable, rust and impact-resistant commercial-grade housing, a seamless corrosion-resistant iron frame, and an anti-glare polystyrene (PS) lens. It operates on 120–277V and includes a 0–10V dimmable driver with overload, short-circuit, and undervoltage protection.

SGS-VERIFIED 2-HOUR FIRE-RESISTANCE PERFORMANCE: Tested for use in approved 2-hour fire-resistance-rated ceiling assemblies in accordance with UL 263 and ASTM E119-26. The rating applies only to the ceiling configurations and installation requirements specified in the SGS report appendix, available upon request.

REINFORCED FIRE-PROTECTIVE CONSTRUCTION: High-temperature-resistant intumescent material expands above 374°F (190°C), helping seal ceiling gaps and restrict the passage of flames, hot gases, and smoke. Heavy-duty, high-strength suspension hooks provide secure support and help maintain the assembly's fire-endurance performance.

REQUIRED FIRE-RATED SEALING STRIP: A fire-rated sealing strip is included and must be installed around the panel perimeter as instructed to maintain the tested 2-hour performance. Substitution or omission of the supplied strip is not permitted.

APPLICATION: Ideal for offices, hospitals, schools, multifamily buildings, retail spaces, corridors, workshops, and other commercial or industrial applications requiring fire-resistance-rated ceiling construction. Suitable for Damp location.

ADVANTAGES: Designed for long-lasting, low-maintenance operation and backed by ASD's 5-year limited warranty. UL Listed and DLC Standard qualified.

PRODUCT PRESENTATION

MODEL	POWER	VOLTAGE	DIMMING	LUMENS	CCT	FINISH	DIMENSIONS	CERTIFICATION
ASD-BFR-22A35	20/25/30/35W	120-277V	0-10V	4,332lm	3,000/3,500/4,000/5,000 K	White, Red	23-3/4" x 23-3/4" x 2-3/4"	UL(E473854), DLC Standard
ASD-BFR-24A50	35/40/45/50W	120-277V	0-10V	6,609lm	3,000/3,500/4,000/5,000 K	White, Red	47-3/4" x 23-3/4" x 2-3/4"	UL(E473854), DLC Standard

TECHNICAL PARAMETERS

MODEL	MAX INPUT CURRENT	INRUSH CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	BEAM ANGLE	SURGE PROTECTION	HOUSING	LENS	CRI
ASD-BFR-22A35	0.37A	50A	Damp location	14°F to 113°F(-10°C to 45°C)	>0,9	120°	2kV	Iron	PS	>80
ASD-BFR-24A50	0.52A	50A	Damp location	14°F to 113°F(-10°C to 45°C)	>0,9	120°	2kV	Iron	PS	>80

ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 14
ASD-BFR-22A35	23-3/4" x 23-3/4" x 2-3/4"	11.2 lbs(5.1kg)	1	27.87" x 3.86" x 26.77"	15.4 lbs	81019020614	810190206140
ASD-BFR-24A50	47-3/4" x 23-3/4" x 2-3/4"	22.3 lbs(10.1kg)	1	51.89" x 3.86" x 26.77"	28.7 lbs	81019020615	810190206157

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.

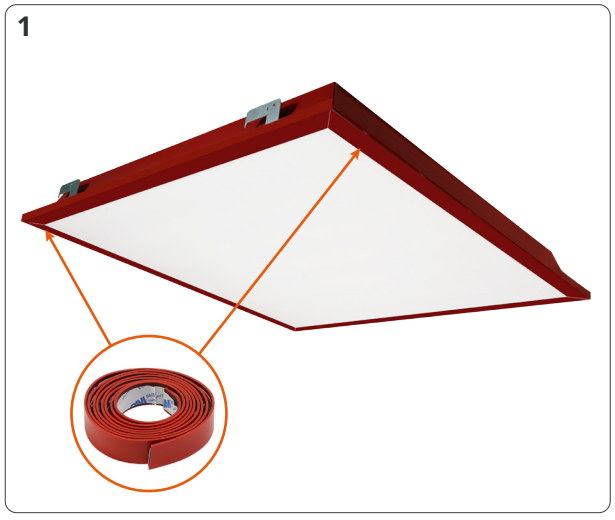
PACKAGE CONTENTS

DESCRIPTION	QUANTITY
LED Fire-Rated Back-Lit Panel	1
Fire-resistant seal (A)	1
Box	1

A

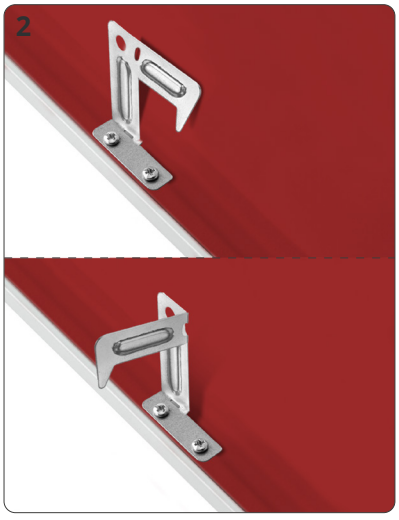
INSTALLATION STEPS

1



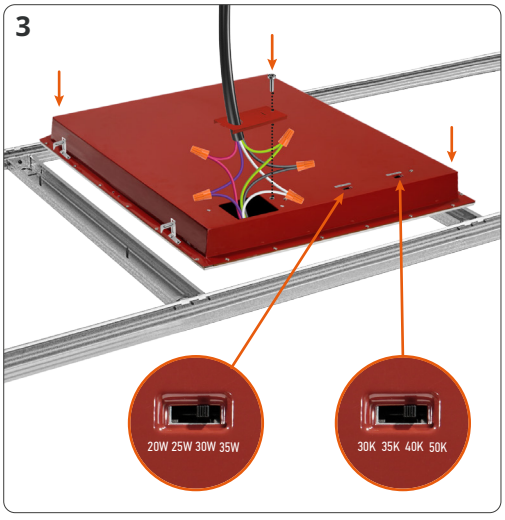
1. Apply the fire-resistant sealing strip supplied with the fixture to the front face of the frame. Ensure that it is flush with the sides of the frame and covers all four edges completely.

2



2. Lift all mounting clips along the edges of the panel. Rotate the mounting clip heads into the mounting position.

3



3. Using a screwdriver, remove the knockout and screw from the J-box lid, then take off the lid. Connect the wires. Reinstall the J-box lid and tighten the screw securely. Select the desired power and color temperature.