



LED TROFFER LIGHT

► **DESIGN** - LED TROFFER LIGHT comes with a durable iron commercial grade housing resistant to rust and impact, anti-glare PC lens, and driver with circuit overload, short circuit, and low-voltage protection, making it both safe and reliable. It is designed to operate on 120-277V circuits.

► **COLOR AND POWER SELECTABLE** - You can choose either a 3,500K neutral white, 4,000K cool white or 5,000K daylight color temperature and change the power with a simple switch.

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

► **INSTALLATION** - Quick and easy recessed installation. Built-in T-grid clips are included for a more secure fit and added safety.

► **APPLICATION** - Perfect commercial or industrial solution for offices, hospitals, schools, retail, workshops, and many other applications. It is also Damp Locations rated.

► **ADVANTAGES** - With calculated lifespan up to 180,000 hours, these fixtures are made to last decades under normal operation! ASD provides a 5-year limited warranty along with UL and DLC Standard certifications to guarantee top quality products and safety!



PRODUCT PRESENTATION:

Model	Size	Power	Voltage	Dimming	Lumens	CCT	Finish	Dimensions	Pre-installed	Certification
LTR										
ASD-LTR-22A30-2P	2x2	20/25/30 W	120-277V	0-10V	4,025lm	3500/4000/5000K	White	23-3/4" x 23-3/4" x 2-1/8"	-	UL (E473854), DLC
ASD-LTR-24A45-2P	2x4	34/38/45 W	120-277V	0-10V	6,194lm	3500/4000/5000K	White	47-3/4" x 23-3/4" x 2-1/8"	-	UL (E473854), DLC
ASD-LTR-24A70-2P	2x4	38/45/54/70 W	120-277V	0-10V	9,174 lm	3000/3500/4000/5000/6500K	White	47-3/4" x 23-3/4" x 2-1/8"	-	UL (E473854), DLC
LTR-EM WITH BATTERY BACK-UP										
ASD-LTR-22A30-EM-2P	2x2	20/25/30 W	120-277V	0-10V	4,025lm	3500/4000/5000K	White	23-3/4" x 23-3/4" x 2-1/8"	8W Battery Back-up	UL (E473854), DLC
ASD-LTR-24A45-EM-2P	2x4	34/38/45 W	120-277V	0-10V	6,194lm	3500/4000/5000K	White	47-3/4" x 23-3/4" x 2-1/8"	8W Battery Back-up	UL (E473854), DLC

For detailed luminous flux information please refer to Annex 1, page 3.

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

ASD LIGHTING CORP

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TECHNICAL PARAMETERS:

Model	Max input current	Inrush current	Work environment	Operating temperature	Power factor	Surge protection	Housing	Lens	CRI
LTR									
ASD-LTR-22A30-2P	0.35A	75A	Damp location	-4°F to 122°F (-20°C to 50°C)	> 0.9	2kV	Steel	PC	> 80
ASD-LTR-24A45-2P	0.44A	60A	Damp location	-4°F to 122°F (-20°C to 50°C)	> 0.9	2kV	Steel	PC	> 80
ASD-LTR-24A70-2P	1A	80A	Damp location	-4°F to 122°F (-20°C to 50°C)	> 0.9	2kV	Steel	PC	> 80
LTR-EM WITH BATTERY BACK-UP									
ASD-LTR-22A30-EM-2P	0.42A	75A	Damp location	-4°F to 122°F (-20°C to 50°C)	> 0.9	2kV	Steel	PC	> 80
ASD-LTR-24A45-EM-2P	0.25A	45A	Damp location	-4°F to 122°F (-20°C to 50°C)	> 0.9	2kV	Steel	PC	> 80

DIMMING COMPATIBLE CONTROLS:

Brand	Lutron			Legrand	
Models	NTSTV-DV	DS710	NFTV	RH4FBL3PW	
	DVSTV	IP710			

PACKAGE CONTENTS:

Description	Quantity
LED Troffer Light	2
Box	1

BUILT-IN BATTERY BACK-UP INFORMATION

Model	Battery watts	Lumens in emergency mode	Battery capacity	Emergency mode	Charging time
ASD-LTR-22A30-EM-2P	8W	1,420lm	2,500 mAh	90 min	≥ 24 hours
ASD-LTR-24A45-EM-2P	8W	1,420lm	2,500 mAh	90 min	≥ 24 hours

STANDARD OPERATION DISPLAY STATUS:

Button	Remarks
 ON	Charging mode, Battery is fully charged, AC power is ON
 OFF	Emergency mode, Battery is discharging, AC power is OFF

You can disable the battery by double-pressing the test button.

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.

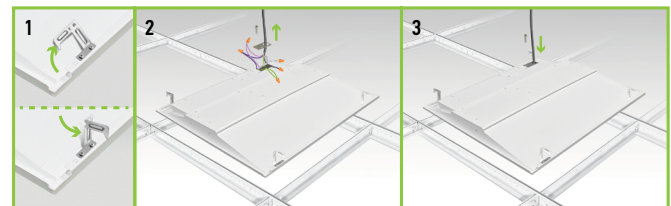
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

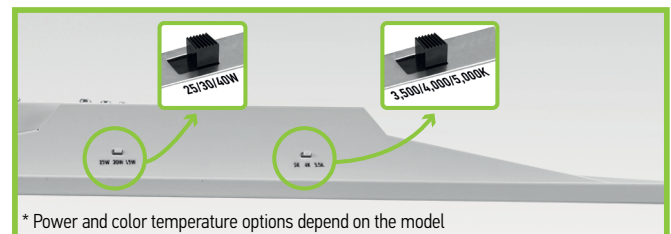
ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

INSTALLATION STEPS:

1. Lift all mounting clips along the edges of the panel. Turn the mounting clip head.
2. Remove the knockout hole on box with a screwdriver, remove screw and take out the driver box. Connect the wires inside the driver box: Black to Black, White to White, Green to Green.
3. Cover the driver box and tighten it with a screwdriver, finish connection.



POWER AND COLOR TEMPERATURE SETTINGS:



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



LED TROFFER LIGHT

ORDERING INFORMATION

Model	Product dimensions	Weight	Pcs. (pack) per carton	Carton size	Carton weight	UPC
LTR						
ASD-LTR-22A30-2P	23 3/4" x 23 3/4" x 2 1/8"	13.9 lbs (6.3 kg)	2 (1)	24.4" x 24.4" x 4.8"	15 lbs	81012811584
ASD-LTR-24A45-2P	47 3/4" x 23 3/4" x 2 1/8"	22.9 lbs (10.4 kg)	2 (1)	48.4" x 24.4" x 4.8"	24.7 lbs	81012811585
ASD-LTR-24A70-2P	47 3/4" x 23 3/4" x 2 1/8"	21 lbs (9.5 kg)	2 (1)	48.4" x 24.4" x 4.8"	26.2 lbs	81019020027
LTR-EM WITH BATTERY BACK-UP						
ASD-LTR-22A30-EM-2P	23 3/4" x 23 3/4" x 2 1/8"	16.5 lbs (7.5 kg)	2 (1)	24.4" x 24.4" x 4.8"	17.6 lbs	81012811586
ASD-LTR-24A45-EM-2P	47 3/4" x 23 3/4" x 2 1/8"	25.6 lbs (11.6 kg)	2 (1)	48.4" x 24.4" x 4.8"	27.3 lbs	81012811587

ANNEX 1

Model	Watts	3,000K	3,500K	4,000K	5,000K	6,500K
ASD-LTR-22A30-2P ASD-LTR-22A30-EM-2P	20W	-	2,728 lm	2,817 lm	2,772 lm	-
	25W	-	3,354 lm	3,488 lm	3,392 lm	-
	30W	-	3,853 lm	4,025 lm	3,909 lm	-
ASD-LTR-24A45-2P ASD-LTR-24A45-EM-2P	34W	-	4,688 lm	4,841 lm	4,759 lm	-
	38W	-	5,174 lm	5,357 lm	5,245 lm	-
	45W	-	5,975 lm	6,194 lm	6,028 lm	-
ASD-LTR-24A70-2P	38W	5,906 lm	6,108 lm	6,094 lm	6,014 lm	5,796 lm
	45W	6,611 lm	6,878 lm	6,884 lm	6,791 lm	6,536 lm
	54W	7,349 lm	7,699 lm	7,677 lm	7,536 lm	7,203 lm
	70W	9,460 lm	9,927 lm	9,874 lm	9,683 lm	9,174 lm

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