



## LED TROFFER RETROFIT KIT 2'x4'

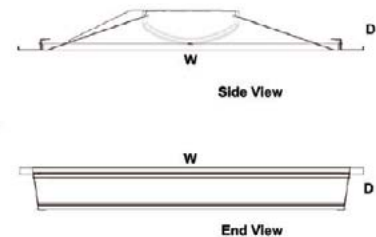
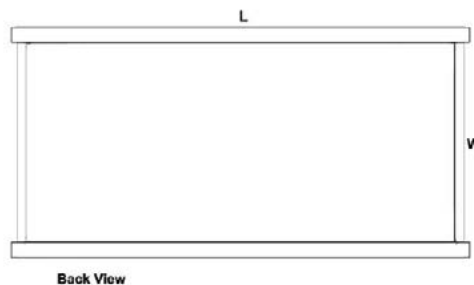


### PRODUCT DESCRIPTION

LED troffer retrofit kit is suitable for office, hospital, and retail environments. The fixture is one piece and enclosed steel framed bracket. It is designed to upgrade fluorescent light fixture. Fully integrated reversible hinged. Assembly allows for rapid troffer conversion. Upgrade to modern full distribution architectural aesthetics providing controlled soft, uniform light distribution without pixilation. Easy installation and don't need to remove existing fixture housing. Available in both 2x2 and 2x4 configurations.

### SPECIFICATION

Length: 46.44"  
Width: 20.5"  
Height: 3.55"  
Max. Weight: 21 lbs



### Ordering Information

Example: **TRK24D45xx**

TROFFER RETROFIT KIT	Dimension	Dimmable	Watts	CCT
TRK	24 - 2'x4'	D - 1-10V Dimmable	38 -	30 - 3000K
			38 Watts	35 - 3500K
			45 -	40 - 4000K
			45 Watts	50 - 5000K

Notice:

1. Standard Finish as White.
2. Special Order as other finish color - Ask Customer Service for Details.

## PERFORMANCE DATA

### LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-104°F (-20-40°C)

Watts	Lumen Output	Drive Current	Measured Watts	CRI	Dist. Type	LPW
38W	3700	1.1A	38W	>80	N/A	<b>95</b>
45W	4400	1.1A	45W	>80	N/A	<b>99.06</b>

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02

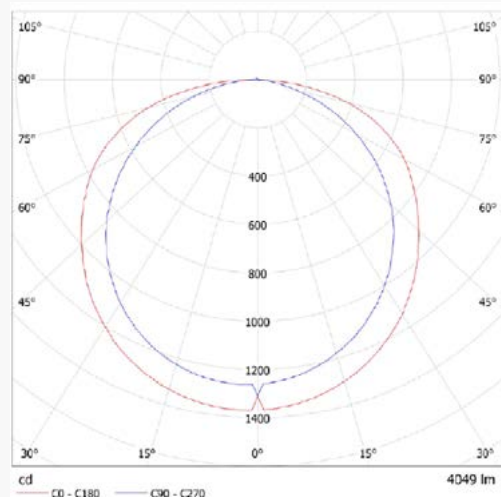
### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED troffer retrofit kit in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	0	1,000	6,000	12,000	<b>50,000</b>
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	<b>0.70(L70)</b>

### Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



**2X4 45W**

## PRODUCT SPECIFICATIONS

### ELECTRICAL SYSTEM

- Input Voltage: 120-277V
- 50/60Hz
- 1-10V Dimmable
- Class II drivers
- Minimum Ambient -20°C, maximum 40°C
- Power Factor: > 0.98 at full load
- Total Harmonic Distortion: < 20% at full load

System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(FL)
38W	20	>0.98	90%	3 F32T8
45W	20	>0.98	90%	3 F32T8

Ref#: 10256-10118

### CERTIFICATIONS AND QUALIFICATIONS

- UL/CUL
- Suitable for dry or damp locations
- DLC qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- RoHS compliant

### Warranty

Five year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements](http://www.abovealllighting.com/warrantystatements)

**Note:** Specifications subject to change without notice.

## CASE STUDY

A company has 1,000 2x4 troffer fixtures to retro-fit. They want to know what will be the labor savings if they go with the ABOVE ALL three-piece troffer kit, vs. the “big guys” five-piece kit.

The ABOVE ALL product can be installed at the rate of seven per hour.

The Big Guys product can be installed at the rate of four per hour.

Here is the economic analysis.

### **ABOVE ALL**

1,000 fixtures @ seven per hour = 142 man hours. At the labor rate of \$50 per hour = \$7,142 in labor cost.

### **“The Big Guys”**

1,000 fixtures @ four per hour = 250 man hours. At the labor rate of \$50 per hour = \$12,500 in labor cost.

<b>“The Big Guys” Labor Cost:</b>	<b>\$12,500</b>
<b>ABOVE ALL Labor Cost:</b>	<b>\$7,142</b>
<b>Total Labor Savings: \$5,358</b>	

