

## LED TROFFER RETROFIT KIT WITH PHILIPS PROGRAMMABLE LED DRIVER

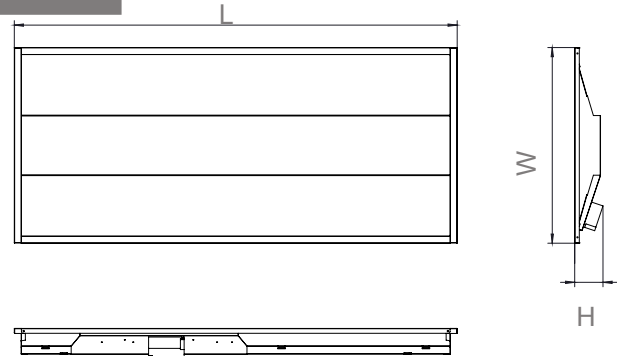


### PRODUCT DESCRIPTION

LED troffer retrofit kit DL series is designed to have even illumination from end to end. It adopts PHILIPS programmable LED driver and module. It is suitable for office, hospital, and retail environments. The retrofit is a one piece and enclosed steel framed Center Basket. It is designed to upgrade fluorescent light fixtures. Assembly allows for rapid troffer conversion. Upgrade to modern full distribution architectural aesthetics providing controlled very soft, very well uniform light distribution. Easy installation and no need to remove existing fixture housing.

### SPECIFICATION

Length: 46.62"  
 Width: 20.59"  
 Height: 2.97"  
 Max. Weight: 21 lbs



### Ordering Information

**Example: TRK24D25LED40-S**

TROFFER RETROFIT KIT	Dimension	Dimmable	Watts	Source type	CCT	Series
TRK	24 - 2'x4'	D - 1-10V Dimmable	25 - 25 Watts <sup>1</sup>	LED	40 - 4000K	S - S Series <sup>1</sup>

Notice:

1. It adopts PHILIPS programmable LED driver and module.

\* Standard Finish as White. Special Order as other finish color - Please 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.

Watts	Lumen Output	AC Input 120V	Measured Watts	CRI	CCT	LPW
25W	3125	0.23A	25W	>80	4000K	125

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

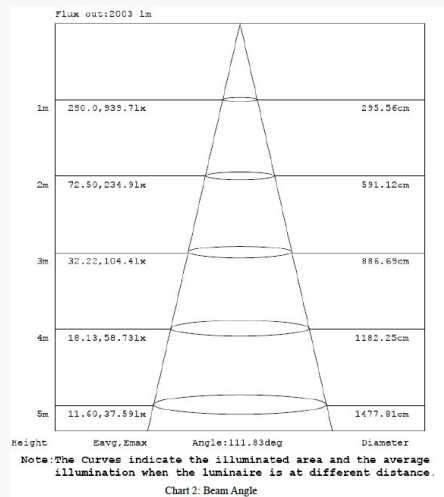
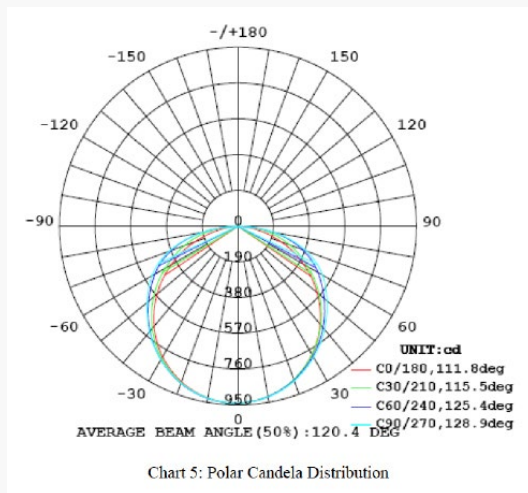
### Projected LED Lumen Maintenance

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	10,000	15,000	25,000	85,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

### Photometry

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



2X4 25W

## 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)
25W	20	>0.98	90%	2 F32T8

Ref#: 21026

### CERTIFICATIONS AND QUALIFICATIONS

- ETL listed
- Suitable for dry or damp locations
- DLC 3.0 Premium
- 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>	

