

# Troffer Retrofit Kit

# TR

## Product Description

The TR troffer retrofit kit is designed to offer the end user a cost effective way to increase the efficiency and lumen output of existing troffer fixtures. A variety of lens and reflector options are available, allowing the end-user to customize the TR to meet their lighting needs. Applications include: classrooms, gymnasiums, retail applications and general area lighting.

The TR troffer retrofit is designed for easy installation in existing troffer fixtures.

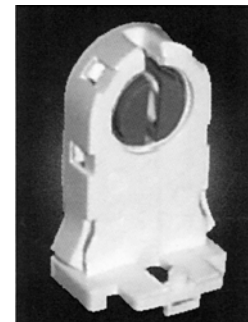
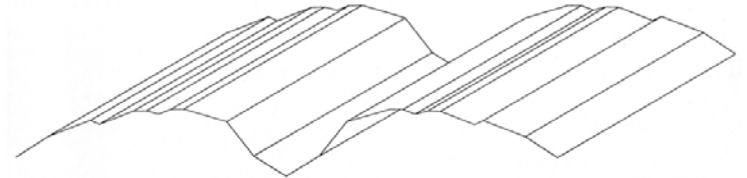
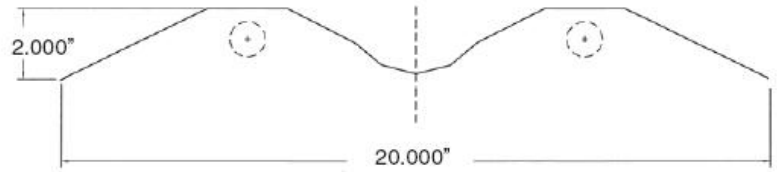
## General Construction

The TR fixture's socket bars are made from pre-painted heavy gauge cold rolled steel. They are designed to fit most standard troffer fixtures.

The optical reflector system is precision brake formed of the selected aluminum material.

Polycarbonate rotary style locking lampholders are utilized to ensure positive lamp retention and long life in high temperature applications.

All fixtures utilize U.L approved components, are U.L approved and will bear U.L labels.



## FIXTURE ORDERING INFORMATION

| FIXTURE SERIES | LENS TYPE | DIMENSIONS | # LAMPS | LAMP TYPE | VOLTAGE | #BALLASTS | BALLAST TYPE | REFLECTOR MAT. | OPTIONS | LAMP COLOR |
|----------------|-----------|------------|---------|-----------|---------|-----------|--------------|----------------|---------|------------|
| TR             | D23       | 22         | 1       | 17        | 12      | 1         | HI           | E              | NS      | 835        |
|                | D12       | 14         | 2       | 24        | 27      | 2         | LI           | A              | US      | 841        |
|                | D125      | 24         | 3       | 25        | 34      | 3         | SI           | W              | E(#)    | 850        |
|                | DL1       |            |         | 39        | UV      |           | PS           |                | F       | 865        |
|                | DL2       |            |         | 32        | HV      |           | PD           |                |         |            |
|                | W9        |            |         | 54        |         |           | PRS          |                |         |            |
|                | W18       |            |         |           |         |           | S10          |                |         |            |

\*Standard TR retrofit kit includes: reflector, socket bars, shunted bi-pin lampholders and HWK Tek Screws

### Lens/Louder:

D23 – High Dispersion 23 Pattern  
 D12 – Clear Prismatic Acrylic  
 D125 – 0.125 Clear Prismatic  
 DL1 – 0.118 Clear Lexan  
 DL2 – 0.220 Clear Lexan  
 W9 – 2x2 9 cell 1.5” Parabolic  
 W18 – 2X4 18 cell 1.5” Parabolic

### Lamp Type:

32 – F32T8  
 36 – FT36W/2G11  
 40 – FT40W/2G11  
 50 – FT50W/2G11  
 54 – F54T5HO  
 55 – FT55W/2G11

### Voltage Selections:

12 – 120V  
 27 – 277V  
 34 – 347V  
 UV – 120-277V  
 HV – 347-480V (T5HO Only)

### Ballast Selections:

HI – High BF Electronic Instant Start  
 LI – Low BF Electronic Instant Start  
 SI – Standard BF Electronic Instant Start  
 PS – Programmed Start Electronic  
 PD – Programmed Start Dimming  
 PRS – Electronic Rapid Start  
 S10 – Electronic <10% THD

### Reflector Selections:

E – Enhanced Aluminum  
 A – Polished Aluminum  
 W – Highly Reflective White

### Option Selections:

NS – No Sockets  
 US – Un-shunted Sockets  
 E(#) – Emergency Pack (Specify # of Required Lumens)  
 F – Inline Fuse

### Size Dimensions:

22 – 2’ x 2’  
 14 – 1’ x 4’  
 24 – 2’ x 4’



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|           |
|-----------|
| TYPE :    |
| CAT# :    |
| PROJECT : |