



TR Model

RET Series

Center Basket Retrofit LED 2x4 (Dimmable)

Aesthetics and high performance uniform light across the entire luminaire provides visual comfort.

Product Specifications

FEATURES & BENEFITS:

- Modern and clean style, no exposed fasteners.
- Direct retrofit of 2'x4' fluorescent troffer luminaire.
- Excellent luminaire efficacy provides significant energy saving.
- Less than 10 minutes to retrofit the existing fixture.
- Dimmable via 0-10VDC standard
- Available in 3000K,3500K,4000K, 5000K color temperature.
- Rated Life : 50,000 hours
- Assembled in USA with domestic and imported components
- RoHS Compliant - Mercury free and Lead free

Applications :

- Shop lighting
- Commercial lighting
- Boutique lighting
- Illumination lighting
- Architectural lighting

Lumen Output :

33W -4158 lumen
36W -4752 lumen
Based on photometric testing consistent with IES LM-79

Operating Temperature: -4 F to 104 F (-20 to 40 C)

Color Temperature (TYP): 3000K, 3500K, 4000K & 5000K

Color Rendering Index (CRI): 80

Ordering Information

Example: **TR244033RET**

Model Number	Luminaire Type	Color Temperature	Output Wattage	Luminaire Series
TR	24	40	33	RET
	24- 2'x4'	30- 3000K 35- 3500K 40- 4000K 50- 5000K	33- 33W 36- 36W	RET- Retrofit troffer

Note: Specifications subject to change without notice. Actual performance may differ as a result of end user environment and application.

Electrical System:

All electrical components are UL certified.

Input Voltage: 120/277VAC

Power Consumption: 33W for 33W model
36W for 36W model

Construction /Finish

- 24 guage die formed cold-rolled steel bod
- All steel surfaces are powder coated.
- Smooth edge for easy handling.
- Swing down diffuser lens for easy maintainance.

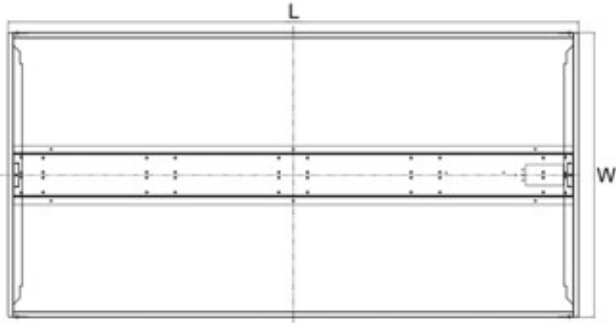
Warranty

Five-year limited warranty.

Rated Life : 100,000+ hours per L70 TM-21 @70 C



Dimensions:

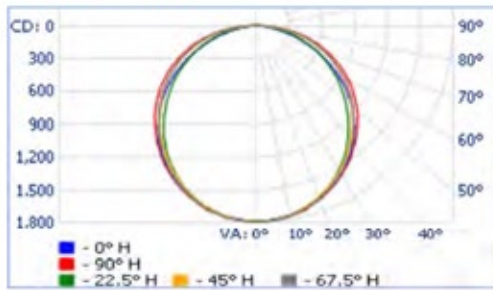


Length - 48"
Width - 23-3/4"
Depth - 4"

Photometry

Model: TR244033RET

Flood Summary



Illuminance at a Distance

	Center Beam LUX	Beam Width	
8.3M	25.74 LUX	21.9M	34.1M
16.7M	6.44 LUX	43.9M	68.1M
25.0M	2.86 LUX	65.8M	102.2M
33.3M	1.61 LUX	87.7M	136.2M
41.7M	1.03 LUX	109.6M	170.3M
50.0M	0.72 LUX	131.6M	204.3M

■ Vert. Spread: 105.5° ■ Horiz. Spread: 127.8°

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,384.2	25.7%
0-40	2,265.8	42.1%
0-60	4,039.0	75.1%
60-90	1,317.4	24.5%
70-100	615.6	11.4%
90-120	12.0	0.2%
0-90	5,356.4	99.6%
90-180	23.6	0.4%
0-180	5,380.1	100%