

TFS-MRC

Troffer Fixture Series - Patent Pending



Project _____

Type _____

Quantity _____

Experience the pinnacle of new construction LED luminaire innovation with the Troffer Fixture Series (TFS), where architectural elegance meets unrivaled energy efficiency and sustainable excellence, setting a new standard in lighting technology.

Modular ReLite Chassis™

Transform your sustainability efforts and bottom line with the MRC's groundbreaking technology. Say goodbye to light fixture disposal and hello to decades of cost-saving, eco-friendly performance.

UltraSelect™

Illuminate your projects with unparalleled flexibility. Choose from 16 CCT and Wattage combinations to craft the perfect LED lighting solution tailored to your needs.

Controls Select

Elevate your lighting experience with controls-agnostic fixtures, ensuring seamless integration and maximum customization for a more intelligent, more versatile environment.

R3 Earth+™ ReClaim, ReUse, ReLite™

Every product sold from APPRIME Lighting automatically enrolls you within our R3 Earth+ product sustainability program. As your luminaire reaches its end of life and/or requires a performance upgrade, APPRIME will send out a new MRC to easily install within your existing luminaire.

Engineered & Designed in the USA



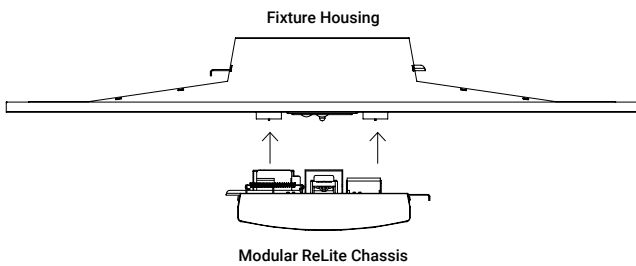
2'x4'



2'x2'



1'x4'



Ordering Guide

Example: TFS-MRC-24-US40-UNV-D-PIR-EM

TFS-MRC		US		UNV	D		
Product Name	Size	UltraSelect	Max Wattage	High Lumen	Voltage	Dimming	Options
TFS-MRC Troffer Fixture Series Modular ReLite Chassis	14 1'x4'	27W-24W-20W-16W 35K-4K-45K-5K	27 27W	-	UNV 120V to 277V	D 0-10V Dim to Off	NLCR Networked Lighting Controls Ready MW Microwave Sensor PIR Occupancy Sensor EM Emergency Battery
		40W-34W-26W-20W 35K-4K-45K-5K	40 40W	HL High Lumen			
	22 2'x2'	27W-24W-20W-16W 35K-4K-45K-5K	27 27W	-			
		40W-34W-26W-20W 35K-4K-45K-5K	40 40W	HL High Lumen			
	24 2'x4'	40W-34W-26W-20W 35K-4K-45K-5K	40 40W	-			
		50W-45W-40W-30W 35K-4K-45K-5K	50 50W	HL High Lumen			



Due to continuous improvement, APPRIME Lighting™ reserves the right to make product engineering and specification edits and updates as needed.

2586 West American Drive Neenah WI, 54956

Product Specifications

L70 > 100,000 Hours	Efficacy Varies, See Energy Chart	Lens Glare Reducing Polycarbonate Lens
L90 > 50,000 Hours	Input Voltage 120V-277V	Maintenance Field Installed Modular ReLite Chassis
CCT: UltraSelect 3500K, 4000K, 4500K, and 5000K	Dimming 0-10V, Dim to Off <i>Contact Factory For Additional Options</i>	Warranty 5-Years <i>Extended Warranty available upon request</i>
CRI 83+	Controls Optional, See Ordering Logic <i>Contact Factory For Additional Options</i>	Testing IESNA LM79-80 ANSI C78.377-2017
Unified Glare Rating Starting at 19	Emergency Optional, See Ordering Logic <i>Contact Factory For Additional Options</i>	Certifications DLC Premium ETL Title 24 Compliant <i>Can be used to comply with Title 24 Part 6 LED Enclosed Light Source Requirements (JAB)</i>
Wattage: UltraSelect Varies, See Energy Chart	Housing .6mm Cold Rolled Steel	
Delivered Lumens Varies, See Energy Chart		

Product Performance: Standard Lumen Package

Size	Wattage (w)	3500K		4000K		4500K		5000K	
		Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)
2'x4'	40	6054	152	6160	155	6200	153	6099	153
	34	5076	153	5252	156	5312	157	5213	154
	26	3942	154	4019	156	4070	158	4002	155
	20	3090	155	3117	158	3146	159	3101	156
2'x2'	27	4093	151	4166	155	4199	156	4119	153
	24	3570	153	3685	156	3776	157	3676	154
	20	3048	153	3109	157	3170	158	3077	155
	16	2438	154	2526	158	2546	159	2457	156
1'x4'	27	4103	152	4159	154	4213	156	4122	153
	24	3586	153	3735	156	3789	158	3647	154
	20	3021	154	3136	156	3157	158	3036	155
	16	2440	155	2495	157	2549	159	2479	156

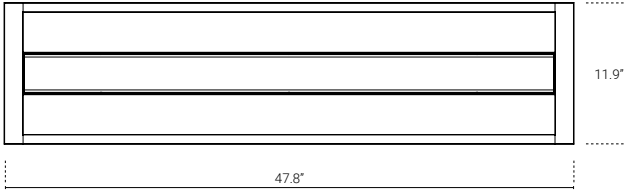
Product Performance: High Lumen Package

Size	Wattage (w)	3500K		4000K		4500K		5000K	
		Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)
2'x4'	50	7535	151	7655	154	7725	155	7588	152
	45	6813	152	7001	156	7032	157	6874	154
	40	6115	153	6201	156	6246	158	6168	154
	30	4553	154	4657	158	4700	159	4612	155
2'x2'	40	5929	151	6051	154	6094	155	5964	152
	34	5039	152	5208	155	5256	156	5173	154
	26	3966	153	4009	156	4070	158	3991	154
	20	3045	154	3101	157	3132	158	3081	155
1'x4'	40	5911	151	5999	153	6045	154	5950	152
	34	5036	152	5208	155	5256	156	5166	153
	26	3979	153	4007	156	4057	157	3986	154
	20	3051	154	3105	157	3134	158	3081	155

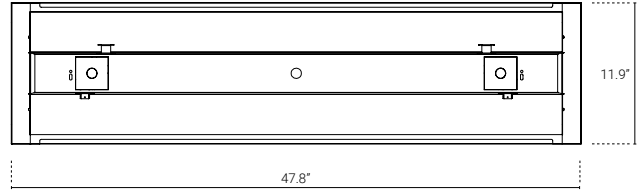


Product Dimensions: 1'x4'

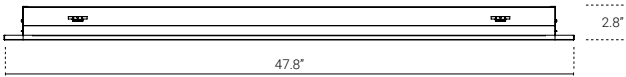
Top View



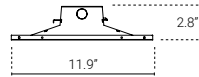
Bottom View



Profile View

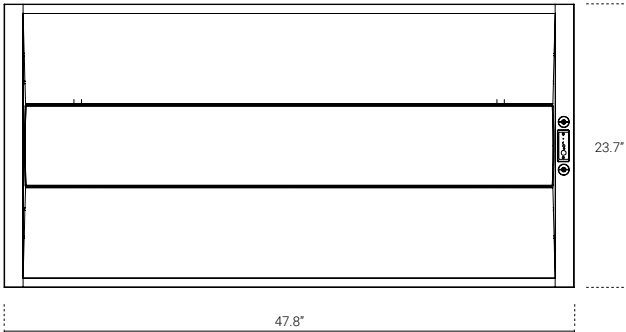


Profile View

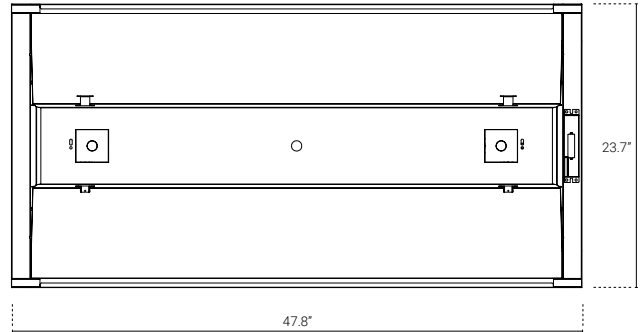


Product Dimensions: 2'x4'

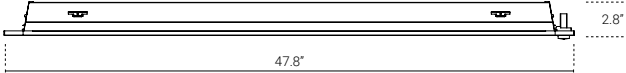
Top View



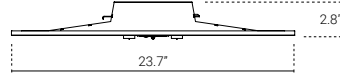
Bottom View



Profile View

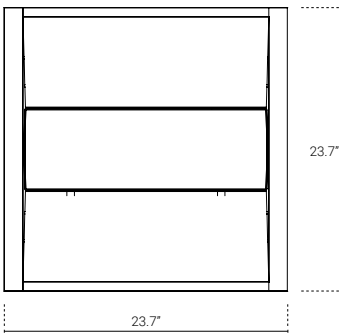


Profile View

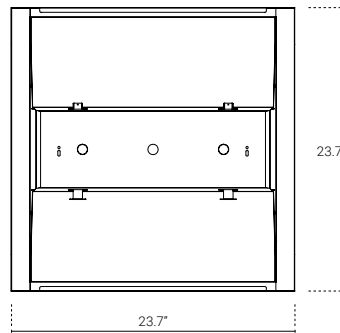


Product Dimensions: 2'x2'

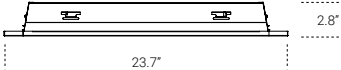
Top View



Bottom View



Profile View



Profile View

