

GRID CEILING  
**RCTB24-SF** LED High Lumen Recessed  
 Sealed Face Troffer 2x4



**LENS OPTIONS & DELIVERED LUMENS**

Part ID	Wattage	CCT	Clear Lens	LPW	Diffused Lens	LPW
12000	84	35K	12,615	150	12,581	151
12000	84	40K	12,901	154	12,916	154
12000	84	50K	13,331	159	13,251	158
17000	118	35K	17,310	147	17,047	150
17000	118	40K	17,733	150	18,102	153
17000	118	50K	18,495	157	18,377	156
19000	139	35K	20,237	146	20,115	145
19000	139	40K	20,697	149	20,572	148
19000	139	50K	21,387	154	21,228	152
24000	170	35K	24,750	146	24,601	145
24000	170	40K	25,313	149	25,161	148
24000	170	50K	26,157	154	25,840	152

Project :	
Type:	Approved By:

**APPLICATIONS**

Damp industrial locations, food processing, bottling plants, natatoriums, manufacturing and production facilities, cold storage environments.

**CONSTRUCTION**

.040" white pre-painted aluminum, EPDM rubber gasket and silicone sealed door with clear or diffused acrylic lens, top access plate for quick power connection, captive screws with nylon retaining clips for bottom door access .

**MOUNTING**

Lay-in troffer for recessed t-bar grid ceilings. (4) corner cable ports for safety cable attachment. Custom housing and mounting dimensions available.

**SYSTEM SPECIFICATIONS**

Hi flux linear LED modules, CRI > 80, CCT: 3500K, 4000K or 5000K. Constant current LED power supplies, power factor > 0.9, THD < 20%, universal voltage 120-277v, 347-480v available.

**DIMMING & CONTROLS**

0-10v dimming, dim to off or dim by line voltage. Integrated microwave motion sensor, wireless protocol from switch, PC or handheld device, A/B array switching, emergency driver battery back-up option.

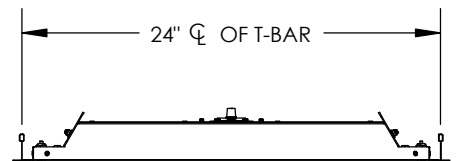
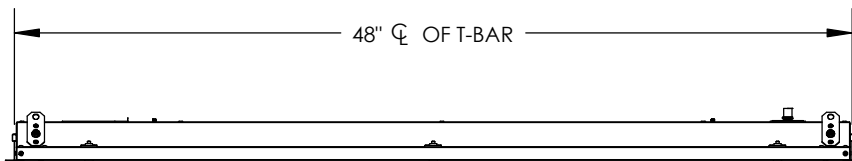
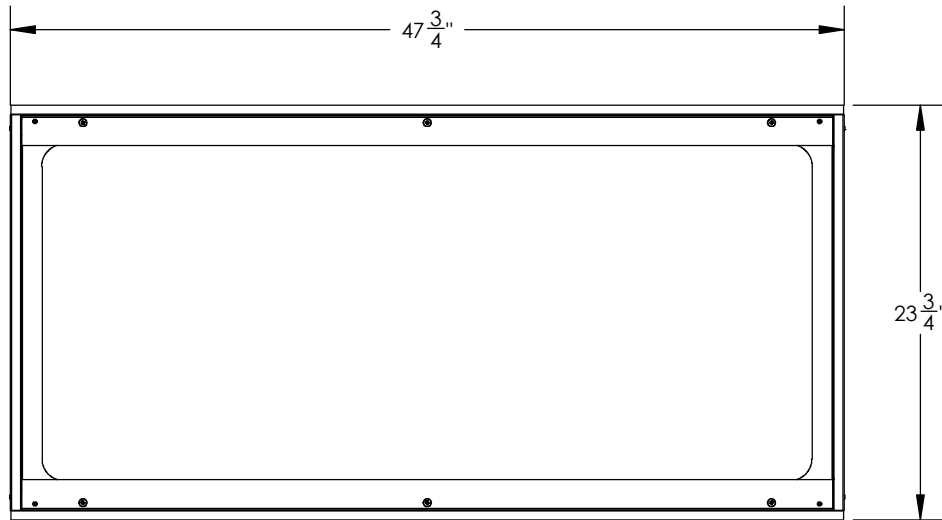
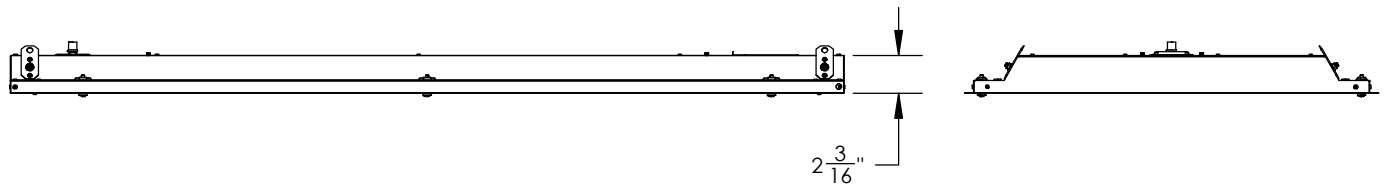
**RATINGS & WARRANTY**

Temperature rated from -28°C to 50°C (-20°F to 122°F), service life > 100,000 hours (L90). CSA listed, BAA compliant. Made in the USA. 5 year product warranty. Consult factory for extended warranties.

**Ordering Information**

RSD		RCTB24				SF	
Series	Housing	Part ID	CCT	Lens	Voltage	Gasket Seal	Dimming, EM, Controls
1st Source LED Recessed Series	Recessed T-Bar 2x4	12000 = 12,000 17000 = 17,000 19000 = 19,000 24000 = 24,000	35K 40K 50K	AC = Acrylic Clear  D92 = Diffused D92 High Impact Polycarbonate	U = 120-277v 3 = 347v 4 = 480v	SF = Sealed Face  SF/NAT = Sealed Face With Epoxy Based Powder Coat for Pools & Natatoriums	D0 = Dim to Off D10 = Dim to 10% DLV = Dim by Line Voltage  Emergency Drivers EM/2300 = 2,300L @ 16w EM/2900 = 2,900L @ 20w  Controls (Consult Factory) Integrated Motion Sensor Daylight Harvesting A/B Array Switching Wireless Control System





Approximate Weight: 19.50 LBS

TITLE: <b>RSD-RCTB24-SF</b>			FILE LOCATION: RECESSED\TROFFER\SYNERGY		
3RD ANGLE PROJ:			SHEET: 1 of 1		
UNLESS OTHERWISE NOTED:			SCALE: 1:10		DATE: 03/09/2020
SIZE: <b>A</b>	UNITS: INCHES <small>GD&amp;T ASME Y14.5M-1994</small>	TOLERANCES: .X ±.06 .XX ±.03 .XXX ±.010 ∠ ±1.0°	DRAWN BY: JMG	JO: XXXX	REV: N/C
			DWG #: TFSF24S-PT_8-F562B LED		



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