

HARD CEILING

# RCFL24

LED High Lumen Recessed 2x4  
Flange Mount for Hard Ceilings



**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**

Production and manufacturing facilities, schools, hospitals, multi-purpose rooms, gymnasiums, industrial recessed locations.

**CONSTRUCTION**

.040" white pre-painted aluminum, clear or diffused acrylic lens (standard or high impact), top access plate for quick power connection.

**MOUNTING**

Flange mount with uni-lug swing arm for recessed hard ceiling openings. Consult factory for custom mounting and dimensions.

**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.

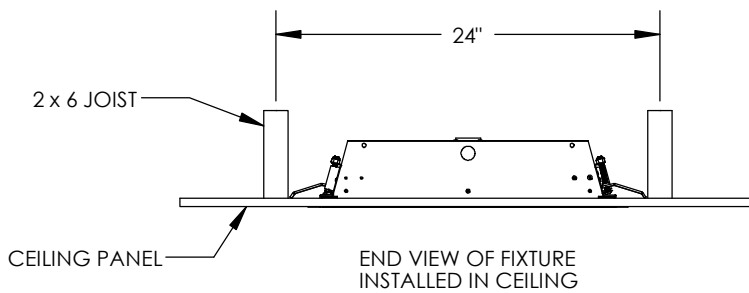
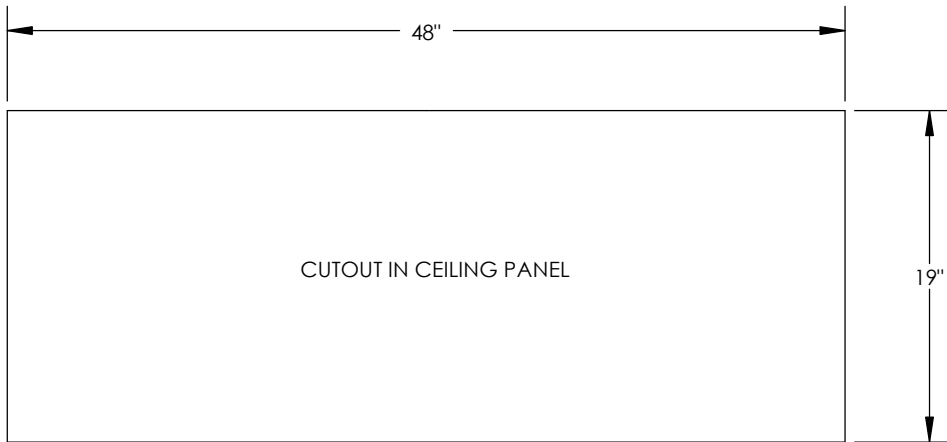
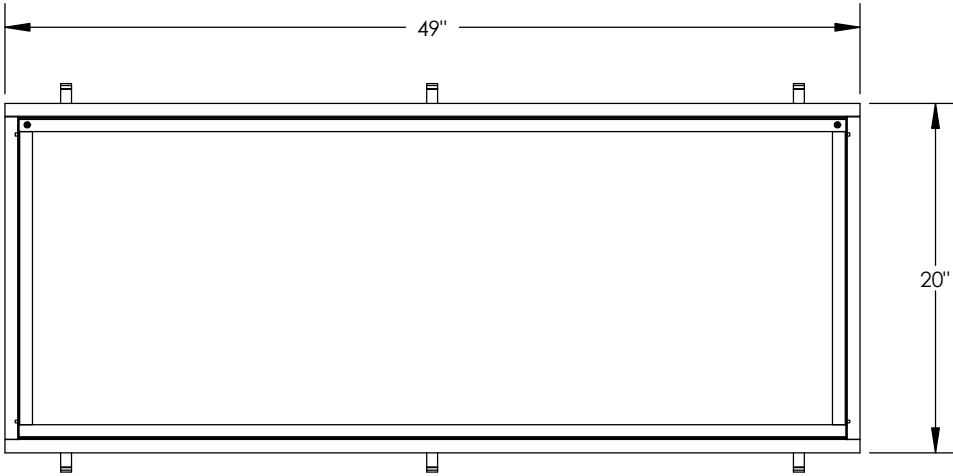
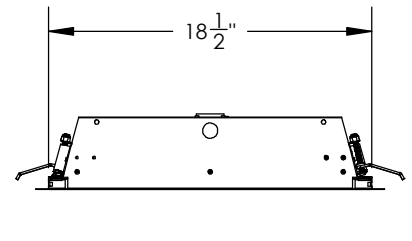
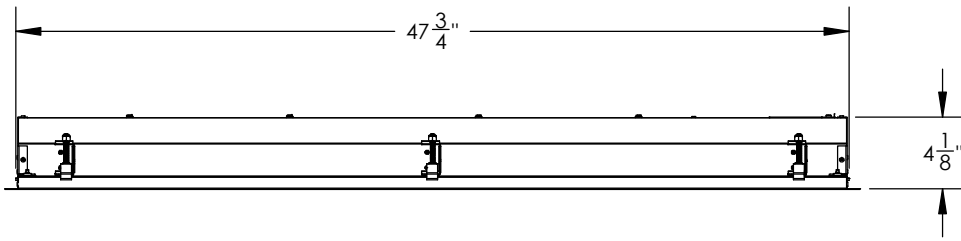
**RATINGS & WARRANTY**

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

**Ordering Information**

RSD	RCFL24					
Series	Housing	Part ID	CCT	Lens	Voltage	Dimming, EM, Controls
1st Source LED Recessed Series	Recessed Flange Mount 2x4	12000 = 12,000 17000 = 17,000 19000 = 19,000	35K 40K 50K	AC = Acrylic Clear  DAC = Diffused Acrylic  Add "HI" for High Impact HIAC or HIDAC	U = 120-277v 3 = 347v 4 = 480v	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





TITLE: RCFL24			FILE LOCATION: \\		
3RD ANGLE PROJ:			UNLESS OTHERWISE NOTED:		
SIZE: A	UNITS: INCHES GD&T ASME Y14.5M-1994	TOLERANCES: .X ±.06 .XX ±.03 .XXX ±.010 ∠ ±1.0°	SHEET: 1 of 1	SCALE: 1:11	JO: XXXX
			DRAWN BY: JMG	DATE: 6/4/2019	REV: N/C
			DWG #: RCFL24 DIMENSIONS		



1730 Industrial Drive, Auburn, CA 95603  
 (530) 887-1110 FAX (530) 887-0807  
 www.1stsourcelight.com

**PROPRIETARY AND CONFIDENTIAL**

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 1ST SOURCE LIGHTING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 1ST SOURCE LIGHTING IS PROHIBITED.

HARD CEILING

# RCFM24

LED High Lumen Recessed 2x4  
Frame Out for Hard Ceilings



**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**

Production and manufacturing facilities, schools, hospitals, multi-purpose rooms, gymnasiums, industrial recessed locations.

**CONSTRUCTION**

.040" white pre-painted aluminum, clear or diffused acrylic lens (standard or high impact), top access plate for quick power connection.

**MOUNTING**

Frame out mount for recessed hard ceiling openings. Consult factory for custom mounting and dimensions.

**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.

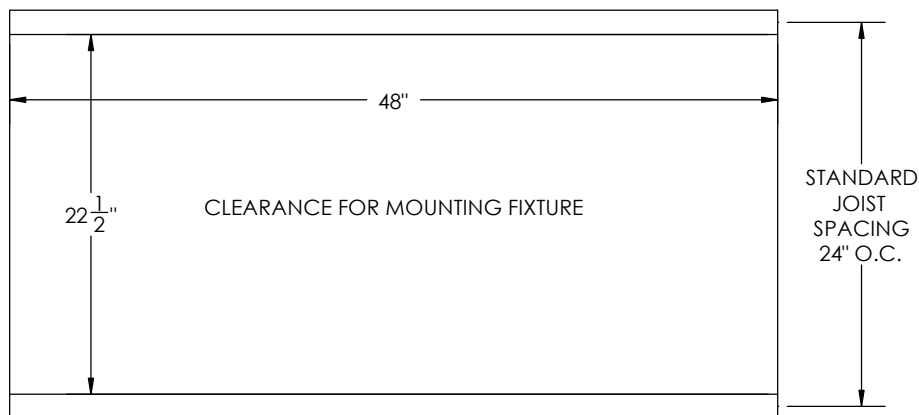
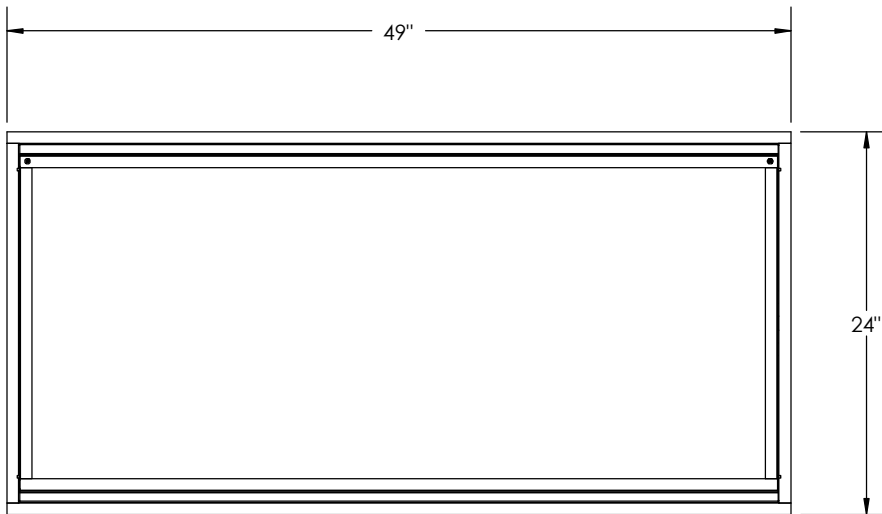
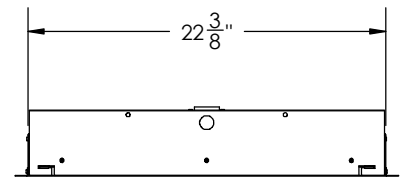
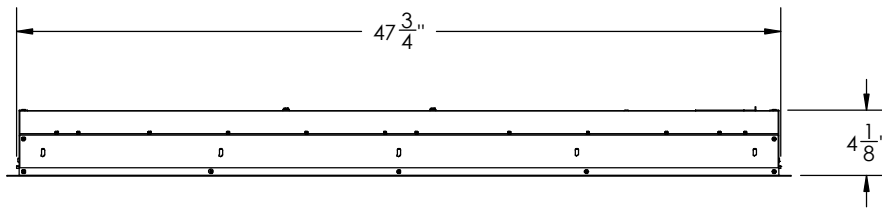
**RATINGS & WARRANTY**

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

**Ordering Information**

RSD	RCFM24					
Series	Housing	Part ID	CCT	Lens	Voltage	Dimming, EM, Controls
1st Source LED Recessed Series	Recessed Frame Out 2x4	12000 = 12,000 17000 = 17,000 19000 = 19,000	35K 40K 50K	AC = Acrylic Clear  DAC = Diffused Acrylic  Add "HI" for High Impact HIAC or HIDAC	U = 120-277v 3 = 347v 4 = 480v	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





TITLE: RCFM24		FILE LOCATION: \\	
3RD ANGLE PROJ:		SHEET: 1 of 1	SCALE: 1:12
UNLESS OTHERWISE NOTED:		DRAWN BY: JMG	DATE: 1/16/2019
SIZE: A	UNITS: INCHES GD&I ASME Y14.5M-1994	TOLERANCES: .X ±.06 .XX ±.03 .XXX ±.010 ∠ ±1.0°	JO: XXXX
DWG #: RCFM24 DIMENSIONS			REV: A

GRID CEILING

# RCTB24

LED High Lumen Recessed 2x4  
Lay-In for T-Bar Grid Ceilings



**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**

Production and manufacturing facilities, schools, hospitals, multi-purpose rooms, gymnasiums, industrial recessed locations.

**CONSTRUCTION**

.040" white pre-painted aluminum, clear or diffused acrylic lens (standard or high impact), top access plate for quick power connection.

**MOUNTING**

Lay-in troffer for standard recessed grid ceilings. Consult factory for custom mounting and dimensions.

**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.

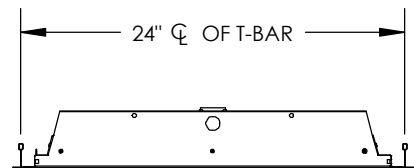
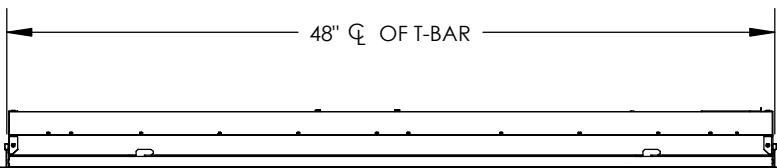
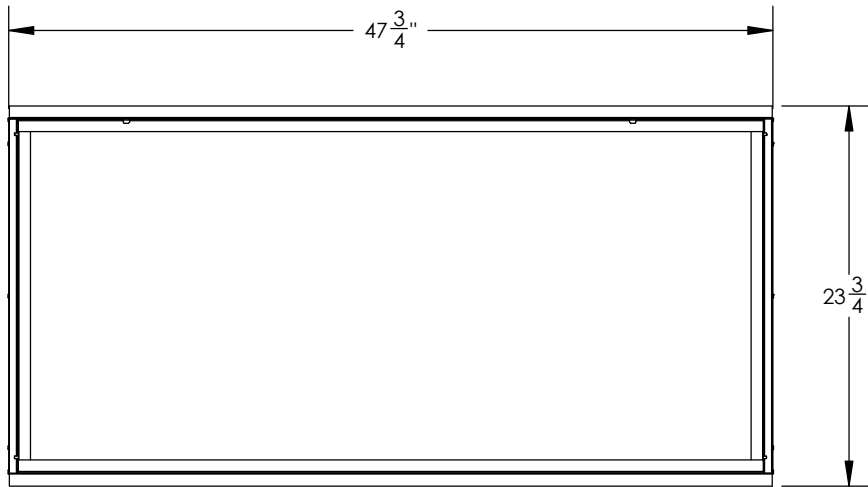
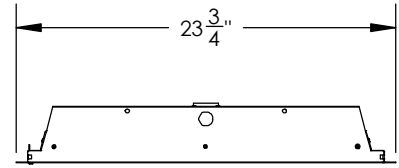
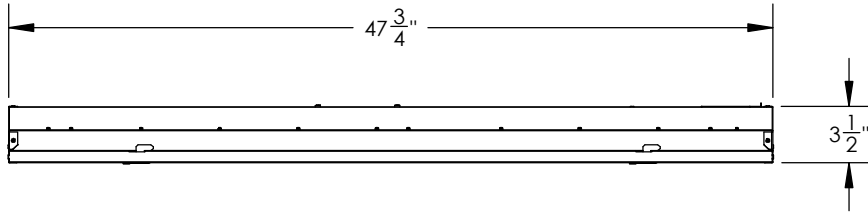
**RATINGS & WARRANTY**

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

**Ordering Information**

RSD	RCTB24	Part ID	CCT	Lens	Voltage	Dimming, EM, Controls
Series	Housing					
1st Source LED Recessed Series	Recessed T-Bar 2x4	12000 = 12,000 17000 = 17,000 19000 = 19,000	35K 40K 50K	AC = Acrylic Clear  DAC = Diffused Acrylic  Add "HI" for High Impact HIAC or HIDAC	U = 120-277v 3 = 347v 4 = 480v	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





TITLE: RCTB24		FILE LOCATION: \\	
3RD ANGLE PROJ:		SHEET: 1 of 1	SCALE: 1:12
UNLESS OTHERWISE NOTED:		DRAWN BY: JMG	DATE: 6/29/2018
SIZE: A	UNITS: INCHES GD&T ASME Y14.5M-1994	TOLERANCES: .X ±.06 .XX ±.03 .XXX ±.010 ∠ ±1.0°	JO: XXXX
DWG #: TF24 DIMENSIONS			REV: N/C



1730 Industrial Drive, Auburn, CA 95603  
 (530) 887-1110 FAX (530) 887-0807  
 www.1stsourcelight.com

**PROPRIETARY AND CONFIDENTIAL**

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 1ST SOURCE LIGHTING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 1ST SOURCE LIGHTING IS PROHIBITED.