

T17FA Field-Adjustable Panels



T17FA-2X2



T17FA-1X4



T17FA-2X4



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- **Field-adjustable power and CCT**
2x2 models - 40/30/20W (**40W** factory default)
1x4 models - 40/30/20W (**40W** factory default)
2x4 models - 50/40/30W (**50W** factory default)
- CCT: 3500/4000/5000K (**4000K** factory default)
- 0-10V continuous dimming, range 10-100%
- **Battery backup** option available
- Sold in quantities of 2 units packaged per box
- **5-year** limited warranty

Economy, field-adjustable panels with high efficacy



0-10V



100,000 HOURS



DAMP RATED



IC RATED



FIELD ADJUSTABLE



IP RATING

PERFORMANCE

T17FA-2X2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTS	40W			30W			20W		
INPUT WATTS	38.7	36.6	38.6	30.1	28.8	30.1	21	20.3	21
LUMENS	4,613	5,038	4,820	3,777	4,079	3,960	2,757	2,933	2,889
EFFICACY	119.2	137.7	124.9	125.5	141.6	131.6	131.3	144.5	137.6
CRI	82	84	81	82	84	82	82	84	82
VOLTAGE RATING	120-277V			120-277V			120-277V		

T17FA-1X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTS	40W			30W			20W		
INPUT WATTS	38.7	36.6	38.6	30.3	28.9	30.2	21.1	20.3	21.1
LUMENS	4,705	5,142	4,930	3,863	4,168	4,046	2,812	2,989	2,959
EFFICACY	121.6	140.5	127.7	127.5	144.2	134	133.3	147.2	140.2
CRI	84	84	81	84	84	81	85	84	82
VOLTAGE RATING	120-277V			120-277V			120-277V		

T17FA-2X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTS	50W			40W			30W		
INPUT WATTS	49.6	47	49.3	40.6	38.7	40.3	29.9	28.8	29.7
LUMENS	6,080	6,521	6,193	5,201	5,540	5,301	4,031	4,243	4,103
EFFICACY	122.6	138.7	125.6	128.1	143.2	131.5	134.8	147.3	138.1
CRI	83	84	83	83	84	84	83	84	84
VOLTAGE RATING	120-277V			120-277V			120-277V		

T17FA Field-Adjustable Panels



TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

IESNA LM-79 & LM-80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC ID:

T17FA-2X2: S-ZZ33KP

T17FA-1X4: S-5M6KDV

T17FA-2X4: S-GVLCC7

CONSTRUCTION

Cold Weather Starting

The minimum starting temperature is -4°F (-20°C)

Maximum Ambient Temperature

Suitable for use in up to 113°F (45°C)

Cold Weather Starting for Battery Backup

The minimum starting temperature is 32°F (0°C)

Maximum Ambient Temperature or Battery Backup

Suitable for use in up to 113°F (45°C)

Mounting

Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

Housing

Aluminum frame & cold rolled steel back housing

Lens

Frosted Polystyrene (PS)

Reflector

Powder-coated sheet metal

IP Listing

Ingress protection rating of IP20 for dust and water

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long-lasting color

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SLL) Products, ANSI C78.377-2017.

FACTORY DEFAULT

Selectable Wattage:

T17FA-2X2 / T17FA-1X4: 40/30/20W (Default 40W)

T17FA-2X4: 50/40/30W (Default 50W)

Adjustable CCT: 3500/4000/5000K (Default 4000K)

ELECTRICAL

Drivers

T17FA

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz,
20W: 120V: 0.19A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
30W: 120V: 0.28A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A
40W: 120V: 0.37A, 208V: 0.22A, 240V: 0.19A, 277V: 0.17A
50W: 120V: 0.46A, 208V: 0.28A, 240V: 0.24A, 277V: 0.21A

Dimming Driver

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. 0-10V continuous dimming, range 10%-100%.

THD

T17FA-2X2: 7.9% at 120V, 3.4% at 277V

T17FA-1X4: 7.8% at 120V, 3.9% at 277V

T17FA-2X4: 11.2% at 120V, 3.9% at 277V

Power Factor

T17FA-2X2: 99.5% at 120V, 97.2% at 277V

T17FA-1X4: 99.4% at 120V, 96.7% at 277V

T17FA-2X4: 99.3% at 120V, 97.1% at 277V

Surge Protection:

Ring-wave 2.5KV

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120V or 277V. Compatible, field-installable battery backups are also available for separate purchase: EMB-9, EMB-15, EMB-25.

Emergency Light Loss Factor

T17FA-2X2 / T17FA-1X4:

40W: 0.31

30W: 0.38

20W: 0.50

T17FA-2X4:

50W: 0.25

40W: 0.28

30W: 0.36

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

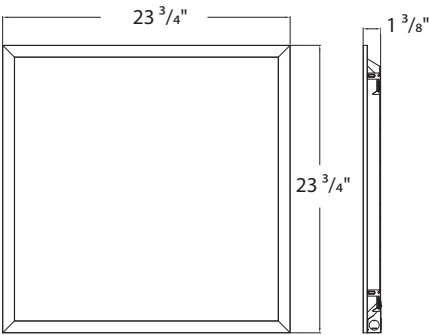
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

T17FA Field-Adjustable Panels

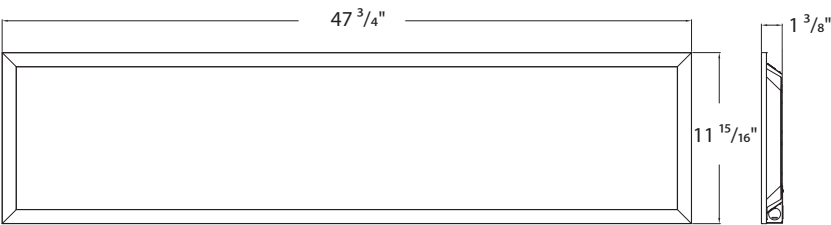


DIMENSIONS

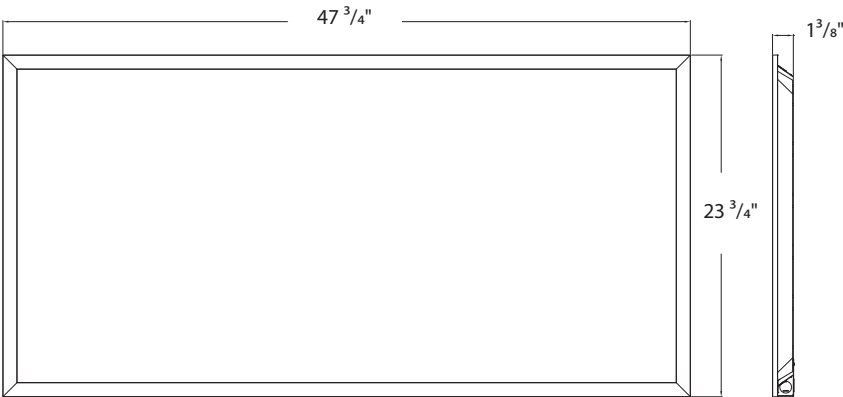
T17FA-2X2 (40/30/20W)
Weight: 3.97 lbs



T17FA-1X4 (40/30/20W)
Weight: 4.19 lbs



T17-FA 2X4 (50/40/30W)
Weight: 7.28 lbs



T17FA Field-Adjustable Panels



ACCESSORIES

IMAGE	CATALOG#	UPC	DESCRIPTION
	RMKPANEL2X2	019813104966	LPANEL 2X2 RECESSED MOUNTING KIT WHITE
	RMKPANEL1X4	019813104997	LPANEL 1X4 RECESSED MOUNTING KIT WHITE
	RMKPANEL2X4	019813104980	LPANEL 2X4 RECESSED MOUNTING KIT WHITE
	SMKPANEL2X2	019813104973	LPANEL 2X2 SURFACE MOUNTING KIT WHITE
	SMKPANEL1X4	019813295824	LPANEL 1X4 SURFACE MOUNTING KIT WHITE
	SMKPANEL2X4	019813295831	LPANEL 2X4 SURFACE MOUNTING KIT WHITE

ORDERING MATRIX

T17FA

Family	Size/Wattages	Color Temp	Finish	Driver	Battery Backup
T17FA	2X2 2'X2' (40/30/20W) 1X4 1'X4' (40/30/20W) 2X4 2'X4' (50/40/30W)	Blank 3500/4000/5000K	Blank White	Blank 120-277V, 0-10V Dimming	Blank /E No Option Battery Backup