



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	40W
120V	0.34A	Color Temp	3500K/4000K/5000K
208V	0.20A	Color	81-84 CRI
240V	0.17A	Accuracy	
277V	0.15A	L70 Lifespan	50,000 Hours
Input Watts	28.4-47.4W	Lumens	3833-6027
		Efficacy	120.3-139 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
2' x 4': 50W/40W/30W (factory default 40W)  
Color temperature (selectable by 3500K, 4000K and 5000K)

### Compliance

#### UL Listed:

Suitable for damp locations

#### CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

#### 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. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-4LATM2

### Construction

#### IC Rated:

Suitable for direct contact with insulation

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### Lens:

Frosted polystyrene

#### Housing:

Plastic frame & galvanized steel back housing

### Finish:

White

### Mounting:

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

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

#### LEDs:

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

## Technical Specifications (continued)

### Performance

#### Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Electrical

#### Drivers:

30W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A  
 40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A  
 50W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.42A, 208V: 0.25A, 240V: 0.21A, 277V: 0.18A

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### THD:

7.89% at 120V, 6.23% at 277V

#### Power Factor:

99.32% at 120V, 95.1% at 277V

#### Note:

All values are typical (tolerance +/- 10%)

### Lightcloud

#### Lightcloud Blue Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizes a "BLE Mesh" network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud "BLE Mesh" network communication protocols. The Lightcloud Blue controller is designed to be attached to the fixture directly.

DLC system - N1XMLOEATBA  
[Learn more about Lightcloud.](#)

### Other

#### 5 Yr Limited 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](http://rablighting.com/warranty).

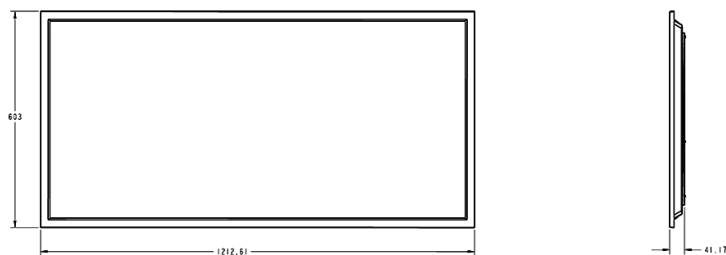
#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

#### Equivalency:

Equivalent to (3) F32T8 or (3) F28T5

## Dimensions



## Features

- 0-10V dimming
- 50,000-Hour LED lifespan
- 5-year, limited warranty

## Ordering Matrix

Family	Size/Wattages	Color Temp	Finish	Voltage	Options
T34FA	-	2X4			/LCB
	2X2 = 2' x 2' 40/30/20W 1X4 = 1' x 4' 40/30/20W 2X4 = 2' x 4' 50/40/30W	Blank = 5000K/4000K/3500K	Blank = White	Blank = 0-10V Dimming, 120-277V	Blank = No Option /LC = Lightcloud Control /LCB = Lightcloud Blue /MVS = Microwave Occupancy Sensor /E = Battery Backup