T34FA-2X2/LCB

RAB

Project:	Type:
Prepared By:	Date:

LED performance in an economical 2x2 troffer.

Color: White   Weight: 5.4 lbs

Driver Info

Type	Constant Current
120V	0.25A
208V	0.15A
240V	0.13A
277V	0.11A
Input Watts	17.5-34.4W

LED Info

Watts	30W
Color Temp	3500K/4000K/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	50,000 Hours
Lumens	2279-4328
Efficacy	118.8-134.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
40W/30W/20W (factory default 30W)
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-4OP1IZ

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-efficacy, 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:

20W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A
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

Dimming Driver:

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

THD:

5.44% at 120V, 8.25% at 277V

Power Factor:

99.7% at 120V, 95% 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, 0-10Vdimming, 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.
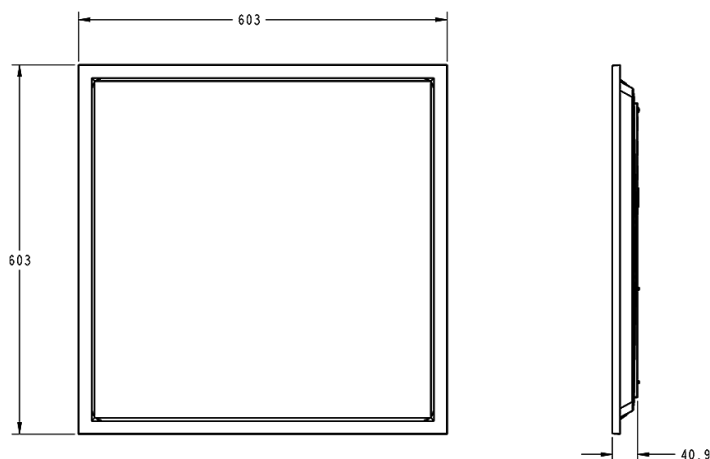
Buy American Act Compliance:

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 (2) F32T8 or (5) F17T8 or (4) F14T5

Dimensions

603
603
40.9

Features

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

Ordering Matrix

Family		Size/Wattages	Color Temp	Finish	Voltage	Options
T34FA	–	2X2				/LCB

		Size/Wattages	Color Temp	Finish	Voltage	Options
		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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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