T34FAHE-2X2/LC

RAB

LED performance in an economical 2x2 troffer.

Color: White | Weight: 5.6 lbs

Driver Info

Type	Constant Current
120V	0.24A
208V	0.15A
240V	0.13A
277V	0.11A
Input Watts	20.6-41.3W

LED Info

Watts	30W
Color Temp	3500K/4000K/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	50,000 Hours
Lumens	2773-5545
Efficacy	128.4-141.6 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
20W/30W/40W (factory default 30W)
Color temperature (selectable by 3000K, 4000K and 5000K)

Lightcloud

Lightcloud Controller 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 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 mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.
DLC system - N1XMLOEATBA
Learn more about Lightcloud.

Compliance

UL Listed:

Suitable for damp locations

CCEA Compliant:

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

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: P0YJPEQH

LED Characteristics

LEDs:

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

Performance

Lifespan:

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

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

Green Technology:

Mercury and UV free. RoHS-compliant components.

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.

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

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Technical Specifications (continued)

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:

9.17% at 120V, 9.75% at 277V

Power Factor:

99.5% at 120V, 98.3% at 277V

Note:

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

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.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act
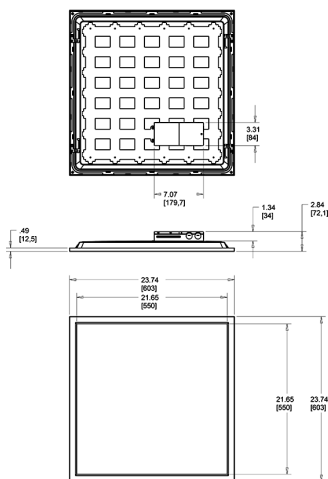
Buy American Act Compliance:

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 (6) F17T8 or (5) F14T5

Dimensions

Features

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

Ordering Matrix

Family		Size/Wattages	Color Temp	Finish	Voltage	Options
T34FAHE	–	2X2				/LC
		2X2 = 2' x 2' 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 **/E =** Battery Backup

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