



LED efficiency and performance in an economical 2'x2' center basket troffer.
 Color: White Weight: 13.7 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	29W
120V:	0.24A	Color Temp:	4000K (Neutral)
208V:	0.15A	Color Accuracy:	85 CRI
240V:	0.13A	L70 Lifespan:	100,000
277V:	0.11A	Lumens:	3765
Input Watts:	29W	Efficacy:	129 LPW
Efficiency:	99%		

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

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.

DLC Product Code: PC4KH4TS

IESNA LM-79 & IESNA 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.

Electrical

Driver:

Class 2, Constant Current, 100-277V, 50/60Hz, 120V: 0.201A, 208V: 0.24A, 240V: 0.13A, 277V: 0.11A, THD <15%, Power Factor >90%, 4kV surge protection

Dimming Driver:

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

THD:

14.3% at 120V, 12.0% at 277V

Power Factor:

98.8% at 120V, 92.8% at 277V

Construction

Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

IC Rating:

Suitable for direct contact with insulation

Housing:

Die-formed, 20-gauge, cold-rolled steel

Mounting:

Integral T-grid clips make installation easy and secure

Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

Lens:

Snap-in, frosted polycarbonate lens

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

LED Characteristics

LEDs:

Long-life, high-efficacy surface mount LEDs

Lifespan:

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

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

Color Uniformity:

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

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at

Patents:

This design is protected by patents pending in US, Canada, China, Taiwan and Mexico

Replacement:

Replaces (3) F17 T8 or (3) F14 T5

Features

- Ultra-efficient performance with DLC Premium listing
- Optional surface mount and drywall frame kits available
- Optional programmable occupancy sensor for multi-level lighting control
- 0-10V dimming standard on all models
- 100,000-hour LED lifespan 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size	Wattage	Color Temp	Driver	Options	Chicago Penum
SWISH	2X2	29	N	/D10	^	^
	2X4 = 2' x 4'	19 = 19W (2x2)	N = 4000K (Neutral)	/D10 = 0-10V Dimming	Blank = No Option	Blank = Standard
	2X2 = 2' x 2'	29 = 29W (2x2)	YN = 3500K (Warm Neutral)		/E2 = Emergency Battery Backup	/CP = Chicago Plenum
		39 = 39W (2x4)	Y = 3000K (Warm)		/LC = Lightcloud Controller	
		49 = 49W (2x4)			/MVS = Occupancy Sensor	
					/MVS/E2 = Occupancy Sensor + Emergency Battery Backup	