

QuantaLight™

TB Series

SPECIFICATION SHEET

VOLUMETRIC CENTER-BASKET LED TROFFER

Overview

Delivers soft, glare-free, ambient lighting in a popular center-basket style. The low-profile inset design (2.6") offers a clean style, while the smooth frosted lens provides broad 120° illumination. High efficacy LEDs deliver energy savings and low maintenance compared to traditional sources. The slim profile of this luminaire, coupled with energy-saving LED technology, makes it ideal choice for remodels and new construction. Selectable power, lumen, and color temperatures options provide flexibility.



PRODUCT FEATURES

Electrical

- Long-life SMD2835 LEDs, coupled with high-efficiency drivers, provide extended service life.
- A luminaire efficacy of 125 lm/w provides significant energy savings.
- Selectable 20/30/40 watts (TB-22), or 30/40/50 watts (TB-24).
- To ensure trouble-free operation, the LED output is protected against over-current, over-voltage, and short circuit.
- LED boards are easily accessible from below.
- Wide input voltage of 115-277VAC.

Optical

- Volumetric illumination is achieved by the smooth curved diffuser, offering excellent vertical and horizontal coverage.
- The tightly fit diffuser significantly reduces dust and bug ingress.
- 0-10V dimming capable.
- Selectable 2500/3800/5000 lumens (TB-22), or 3800/5000/6300 lumens (TB-24).
- Selectable 3500K, 4000K, or 5000K color temperature.
- 80 CRI minimum provides good color rendering for office, hospitality, and general retail applications.

Construction

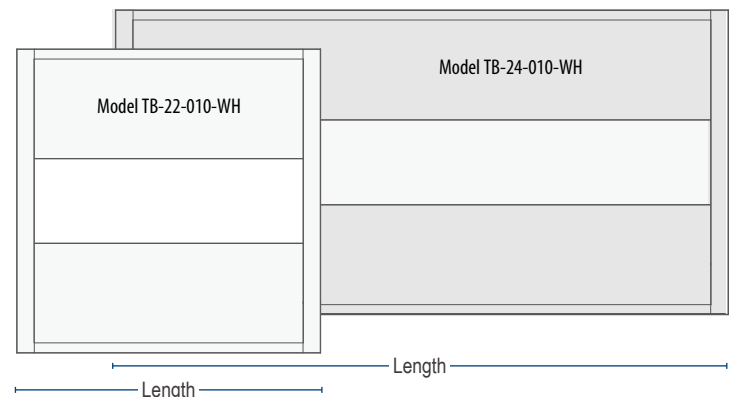
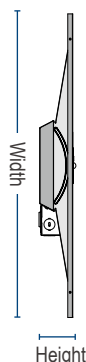
- Cold-rolled steel body is durable but light weight.
- Only 2.6" (66mm) high.
- The reflector is finished with a high reflective matte white paint for improved aesthetic and increased light diffusion.
- Diffuser is extruded from impact modified polycarbonate.
- Has an IP20 rating (suitable for indoor applications).
- Quality components throughout. Fixture finished in white.
- Junction box is attached to the back of the driver.

Application

- Contemporary style compliments any space: schools, office, retail, hospitality, banks, healthcare and more.
- Working temp: -4 - 104°F (-20 - 40°C). Storage temp: -22 - 140°F (-30 - 60°C).

DIMENSION

Dimensions	Length	Width	Height
2X2	23.74" (603mm)	23.74" (603mm)	2.59" (66mm)
2X4	47.75" (1213mm)	23.74" (603mm)	2.59" (66mm)



* All dimensions are inches (centimeters) unless otherwise indicated.

LED Troffer

PARAMETER

Ordering Information

Example: TB-22-010-WH

TB	22 or 24	010	WH					
Products Series	Length	Dimming	Fixture Color					
Architectural Center Basket	22 = 2x2 ft. 24 = 2x4 ft.	0-10 volt	White					

Model No.	Power	Lumens	Efficacy	Dimensions	CCT
TB-22-010	20W	2500lm	125LPW	2x2 ft. (603 x 603 x 66mm)	3500K, 4000K, 5000K (selectable)
	30W	3800lm			
	40W	5000lm			
TB-24-010	30W	3800lm	125LPW	2x4 ft. (1213 x 603 x 66mm)	3500K, 4000K, 5000K (selectable)
	40W	5000lm			
	50W	6300lm			

Beam Angle: 120°
Dimmable: Optional (0-10V)
Output voltage: 36V
Power efficiency: 88%
Power Factor: >0.9
CRI: >80
THD: <20%
Cover: Frosted

BOTH MODELS: Power use is selectable. Lumen output directly related to selected power. Color Temperature is selectable. 115VAC-277VAC

DETAILS

