

LED Center Basket
LCB Series – Color/Wattage Tunable



Project:	
Catalog#:	
Approved by:	

Applications

Schools
Hospitals
Offices
Stores

Description

The premium-performance LCB-CTWT series is a LED center basket luminaire, which is color tunable and wattage tunable using selector switches. This unit allows maintenance departments to carry less inventory through reduced number of unique models. Specific color and wattages can be achieved to meet required facility needs. It offers industry-leading lumens per watt (LPW). The LCB series is designed as a direct replacement for fluorescent luminaires installed in grid ceilings. It is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10vdc dimming capability.

Features

- High output LEDs provide 80+ CRI
- Long-life LEDs provide 150,000 hours of operation with at least 70% of initial lumen output (L70). L70 hours are IES TM-21-11 calculated hours.
- Uniform illumination with no visible LED pixelation.
- Beam Angle: 120°
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.95, Total harmonic distortion < 20%.
- Easy installation in new construction or retrofit. Fits in standard grid ceilings.
- Standard earthquake clips provide secure installation in grid ceilings.
- Factory set at 4000K and highest wattage setting.

Warranty and Listings

- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

Color/Wattage Tuning



Ordering Information

Model #	Dimensions	Performance ¹	Efficiency	Color Temp. ² (CCT)	Package Quantity	Input Current max. (A)	
						120V	277V
LCB22CTWT-MVA	23.8" x 23.8" x 3.0"	2500 lumens @ 20W	125 lm/W	3000K/ 3500K/ 4000K/ 5000K	Sold in multiples of 2	0.167	0.072
		3125 lumens @ 25W				0.208	0.090
		3750 lumens @ 30W				0.250	0.108
		4375 lumens @ 35W				0.291	0.126
LCB24CTWT-MVA	47.8" x 23.8" x 3.0"	4375 lumens @ 35W	125 lm/W	4000K/ 5000K	Sold in multiples of 2	0.291	0.126
		5000 lumens @ 40W				0.333	0.144
		5625 lumens @ 45W				0.375	0.162
		6250 lumens @ 50W				0.416	0.180

¹ Wattage tuning with selector switch. Factory set at highest wattage.

² Color tuning with selector switch. Factory set at 4000K.