



PROJECT
TYPE
CATALOG #

10-CBLED24-40-3K-DMV PREMIUM PERFORMANCE 40 WATT 2x4 CENTER BASKET

APPLICATIONS

The premium-performance 10-CBLED24 is a 2' x 4' LED center basket luminaire, which offers industry-leading lumens per watt (LPW), and which is DLC Premium Listed. The 10-CBLED24 is designed as a direct replacement for 2' x 4' 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

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 81,000 hours of operation with at least 70% of initial lumen output (L70).**
- Provides 4,854 luminaire lumens (124 lumens per watt, LPW) at 3000k, 4,945 luminaire lumens (126 LPW) at 4000k, and 5,036 luminaire lumens (128 LPW) at 5000k.*
- Uniform illumination with no visible LED pixelation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing and acrylic lens.
- Easy installation in new construction or retrofit. Fits in standard 2' x 4' grid ceilings.
- Standard earthquake clips provide secure installation in grid ceilings.

*Contact factory for other color temperatures and lumen packages.

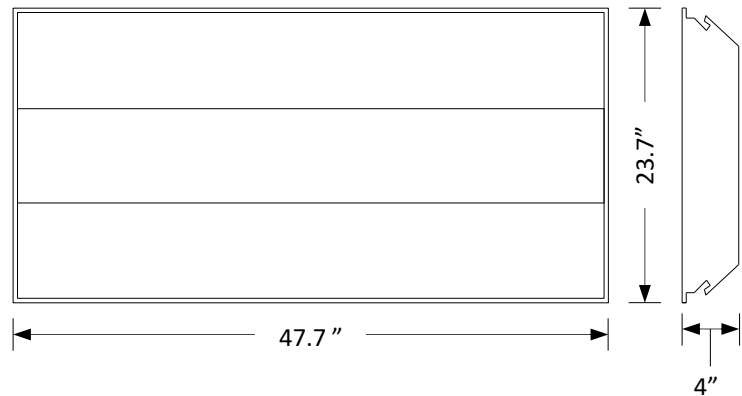
**L70 hours are IES TM-21-11 calculated hours.



STANDARD



DIMENSIONS



WARRANTY/LISTING

- UL listed for damp locations and insulated ceilings (IC-rated) for use in ambient temperatures from -25°C to 50°C (-13°F to 122°F).
- DLC Premium listed.
- Complies with FCC Part 15, class B.
- 5-year warranty of all electronics and housing.

PRODUCT PARAMETER

MODEL	LUMINAIRE WATTS	LUMINAIRE LUMENS	LUMENS/WATT	COLOR TEMPERATURE	INPUT VOLTAGE	COLOR TEMPERATURE
10-CBLED24-40-3K-DMV	39W	4,854 4,945 5,036	124 126 128	3K = 3000k 4K = 4000k 5k = 5000k	MV = Multi-volt (120-277V)	DLCPRM = DLC Premium



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PREMIUM PERFORMANCE

40 WATT 2x4 CENTER BASKET

ELECTRICAL DATA

MODEL	COLOR TEMPERATURE	CRI ¹	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS/ WATT	INPUT VOLTAGE	INPUT CURRENT (A)			POWER FACTOR	THD ²	L ₇₀ HOURS ³
							120V	240V	277V			
10-CBLED24-40-3K-DMV	3000k	>80	4,854	39	124	120-277	0.33	0.16	0.14	>90%	<20%	81,000
10-CBLED24-40-4K-DMV	4000k	>80	4,945	39	126	120-277	0.33	0.16	0.14	>90%	<20%	81,000
10-CBLED24-40-5K-DMV	5000k	>80	5,036	39	128	120-277	0.33	0.16	0.14	>90%	<20%	81,000

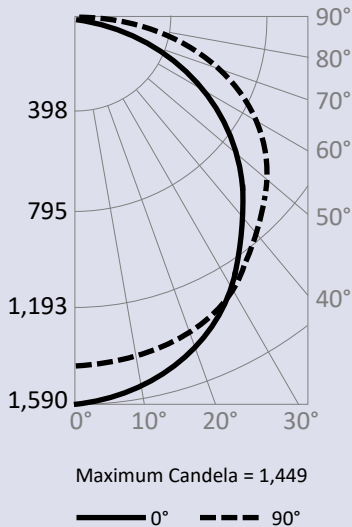
¹ Color rendering index.

² Total harmonic distortion.

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

10-CBLED24-40-5K-DMV-DLCPRM (5,036 Lumens)



Candlepower Summary

	0°	90°
0°	1,541	1,541
10°	1,451	1,563
20°	1,402	1,483
30°	1,311	1,343
40°	1,187	1,160
50°	1,034	939
60°	867	695
70°	646	437
80°	246	184
90°	0	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	153	3.0%
0° - 20°	593	11.8%
0° - 30°	1,265	25.1%
0° - 40°	2,087	41.4%
0° - 50°	2,962	58.8%
0° - 60°	3,790	75.3%
0° - 70°	4,477	88.9%
0° - 80°	4,918	97.7%
0° - 90°	5,036	100.0%
90° - 180°	0	0.0%
0° - 180°	5,036	100.0%

Cone of Light

