CLTR24N-40 Premium Performance 40 Watt 2x4 Center Basket



Project:	
Туре:	
Catalog #:	

STANDARD



The premium-performance CLTR24N is a 2' x 4' LED center basket luminaire, which offers industry-leading lumens per watt (LPW) and *DLC Premium* listed. The CLTR24N 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), 3500k (warm/neutral 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 both 3000k and 3500k; 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 2' 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.

WARRANTY & LISTINGS

- 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 RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, part B.
- Complies with IEEE C.62.41-1991, input transient protection (2.5kV).
- 5-year warranty of all electronics and housing.

FLANGE MOUNTING KIT

 Flange Mount Kit (FLANGE24) mounts above plaster or other hard ceilings, and the panel is mounted flush to the ceiling.
1.5"
UMENSIONS



ORDERING INFORMATION

Example: CLTR24N-4035-FLANGE24

Model	Luminaire Watts	Luminaire Lumens	Lumens/ Watt	Color Temperature	Input Voltage	DLC Listing	Options
CLTR24N	40	4,854	124	30 = 3000k	(120-277V)	DLC	FLANGE24 = Flange
		4,854	124	35 = 3500K		Premium	Mounting Kit
		4,945	126	40 = 4000k			
		5,036	128	50 = 5000k			

CLTR24N-40





ELECTRICAL DATA

Model		CRI 1	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)		Power		L ₇₀	
							120V	240V	277V	Factor	THD ²	Hours ³
CLTR24N-4030	3000k	> 80	4,854	39	124	120-277	0.33	0.16	0.14	> 90%	< 20%	81,000
CLTR24N-4035	3500k	> 80	4,854	39	124	120-277	0.33	0.16	0.14	> 90%	< 20%	81,000
CLTR24N-4040	4000k	> 80	4,945	39	126	120-277	0.33	0.16	0.14	> 90%	< 20%	81,000
CLTR24N-4050	5000k	> 80	5,036	39	128	120-277	0.33	0.16	0.14	> 90%	< 20%	81,000

¹Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

⁴ 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

CLTR24N-4050 (5,036 Lumens)



Cand Sumr	lepower nary		Zonal Lume Summary	n	
	0°	90°	Zone	Lumens	% Fixture
0 °	1,541	1,541	0° - 10°	153	3.0%
10°	1,451	1,563	0° – 20°	593	11.8%
20°	1,402	1,483	0° – 30°	1,265	25.1%
30°	1,311	1,343	0° – 40°	2,087	41.4%
	,	,	0° – 50°	2,962	58.8%
40°	1,187	1,160	0° – 60°	3,790	75.3%
50°	1,034	939	0° - 70°	4,477	88.9%
60°	867	695	0° - 80°	4,918	97.7%
70°	646	437	0° – 90°	5,036	100.0%
80°	246	184	90°- 180°	0	0%
90°	0	0	0° - 180°	5,036	100.0%



Cone of Light