# 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 (L<sub>70</sub>).<sup>\*\*</sup>
- 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%.</li>
- 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.

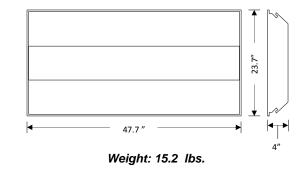
\*\*L<sub>70</sub> hours are IES TM-21-11 calculated hours.

# 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 <sub>70</sub>	
							120V	240V	277V	Factor	THD <sup>2</sup>	Hours <sup>3</sup>
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

<sup>1</sup>Color rendering index.

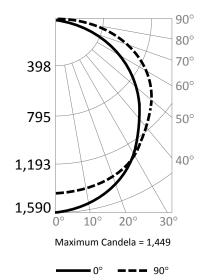
<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

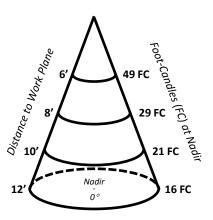
<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

#### PHOTOMETRIC DATA

#### CLTR24N-4050 (5,036 Lumens)



Cand Sumr	lepower nary		Zonal Lume Summary	n	
	0°	90°	Zone	Lumens	% Fixture
<b>0</b> °	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**