CLWAL 40W 4’ Wrap Luminaires

Project:	
Type:	
Catalog #:	

STANDARD

The CLWAL is a 1’ x 4’ LED wrap luminaire, which is designed as a direct replacement for fluorescent wraps. The CLWAL 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

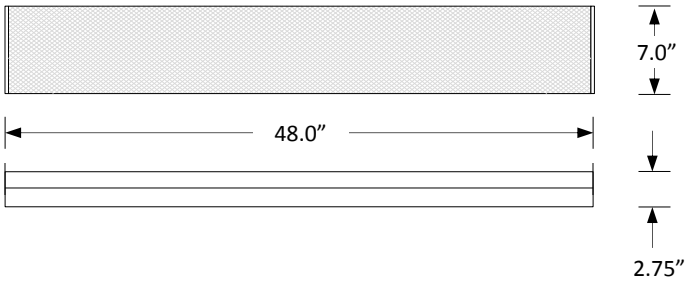
- *Available in 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.**
- *Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L_{70}).***
- *Choose from 4,771 luminaire lumens (119 LPW) at 3500k; 5,200 luminaire lumens (130 LPW) at 4000k; and 5,240 luminaire lumens (131 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.*

* *Contact factory for other color temperatures and lumen packages.*
** *L_{70} hours are IES TM-21-11 calculated hours.*

WARRANTY & LISTINGS

- *cULus approved for damp locations (-20° C to 50° C / -4° F to 122° F).*
- *DLC premium approved.*
- *Complies with FCC Part 15, Class A.*
- *Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.5kV).*
- *Complies with IEC 61000-4-2 level 2 (4kV) electrostatic discharge (ESD).*
- *Complies with RoHS (Restriction on Hazardous Substances) requirements.*
- *5-year warranty of all electronics and housing.*

DIMENSIONS



ORDERING INFORMATION

Model	Color Temperature	Luminaire Lumens	Luminaire Watts	Lumens / Watt
CLWAL-4035	3500k	4,771	40	119
CLWAL-4040	4000k	5,200	40	130
CLWAL-4050	5000k	5,240	40	131

CLWAL 40W 4’ Wrap Luminaires

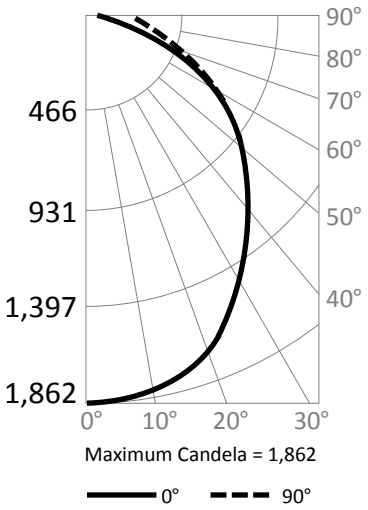
ELECTRICAL

Model	Color Temp.	CRI [1]	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage[2]	Input Current (A)			Power Factor	THD[3]	L_{70} Hours[4]
							120V	240V	277V			
CLWAL-4035	3500k	> 80	4,771	40	119	120-277	0.33	0.17	0.14	> 90%	< 20%	122,000
CLWAL-4040	4000k	> 80	5,200	40	130	120-277	0.33	0.17	0.14	> 90%	< 20%	122,000
CLWAL-4050	5000k	> 80	5,240	40	131	120-277	0.33	0.17	0.14	> 90%	< 20%	122,000

[1] Color rendering index.
[2] All 50-60Hz.
[3] Total harmonic distortion.
[4] L_{70} refers to the number of hours at which lumen output declines to 70% of the initial level. L_{70} hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

Model: CLWAL-4050 (5,240 lumens)



Candlepower Summary

	0°	90°
0°	1,862	1,862
10°	1,819	1,820
20°	1,688	1,686
30°	1,483	1,477
40°	1,223	1,226
50°	943	966
60°	660	721
70°	404	504
80°	178	317
90°	3	160

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° – 10°	188	3.6%
0° – 20°	720	13.7%
0° – 30°	1,504	28.7%
0° – 40°	2,410	46.0%
0° – 50°	3,308	63.1%
0° – 60°	4,089	78.0%
0° – 70°	4,684	89.4%
0° – 80°	5,064	96.6%
0° – 90°	5,240	100.0%
90° – 180°	0	0%
0° – 180°	5,240	100.0%

Cone of Light