BWALED4FT Series

4’ LED Wrap Luminaire

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

INVENTORY CLOSEOUT



DESCRIPTION

The BWALED4FT is a 4’ long LED wrap luminaire, designed as a direct replacement for fluorescent wraps. The BWALED4FT is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, making it the perfect choice for both new construction and retrofits. This high-efficacy DLC qualified luminaire provides long-life, uniform illumination and standard 0-10VDC dimming capability.

SPECIFICATIONS

Construction:

- Steel housing in a white finish
- Diffuse prismatic acrylic lens

Optics/ LEDs:

- Uniform illumination with no visible LED pixelation
- Available in 4000K and 5000K color temperatures
- Long-life LEDs provide at least 122,000 hours of operation with at least 70% of initial lumen output (L70)
- CRI >80

Electrical:

- 0 -10VDC dimming capability is standard
- Universal 120-277VAC, 50/60Hz
- Power factor > 0.95
- Total harmonic distortion < 10%

Installation:

- Easy installation in new constructin or retrofit
- For ceiling surface mount installation

Testing & Compliance:

- UL listed for damp location
- Operating temperatures: -20°C to 50°C (-4°F to 122°F)
- Complies with FCC Part 15, Class A
- Complies with IEEE C.62.41-1991, Class A input transient surge protection (2.5kVA)
- Complies with IEC 61000-4-2 level 2 (4kVA) electrostatic discharge (ESD)

Warranty:

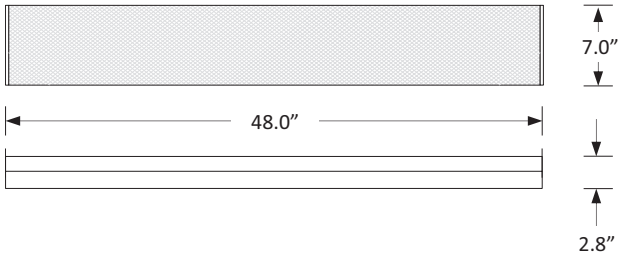
- 5 year warranty (terms and conditions apply)

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Specs at a Glance	
CCT	5000K (4000K)
CRI	>80
Footage	4'
Wattage (w)	40
Lumens (lm)	5,240
Efficacy (LPW)	131
Input Voltage	120-277VAC, 50/60Hz
Warranty	5 Years
Certifications	UL Listed for Damp Locations, FCC Class A, 2.5kV Surge Protected
Operating Temp	-20°C to 50°C (-4°F to 122°F)

*Nominal length **Nominal wattage, tested at 5000K CCT

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing.

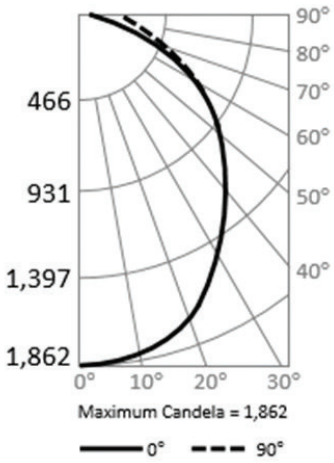


Ordering Information (Example: BWALED4FT-40-4KMV-ET)

SKU's	Description
BWALED4FT-40-4KMV-ET	LED wrap, 40W, 4000K
BWALED4FT-40-5KMV-ET	LED wrap, 40W, 5000K

Sample Photometry

(Example: BWALED4FT-40-5KMV-ET (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

