

**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 Premium 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 3500K, 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 construction or retrofit
- For ceiling surface mount installation

**Testing & Compliance:**

- UL listed for damp location
- Designlights Consortium (DLC) Premium qualified
- 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)

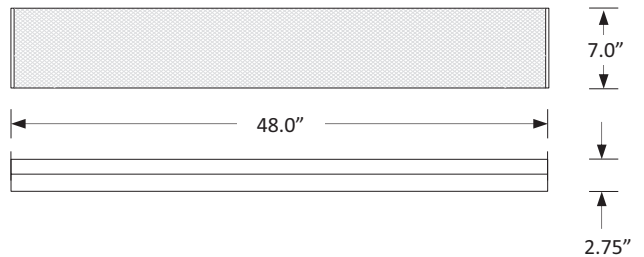
**Note:** Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Specs at a Glance	
<b>CCT</b>	5000K (3500/4000K)
<b>CRI</b>	>80
<b>Footage</b>	4'
<b>Wattage (w)</b>	40
<b>Lumens (lm)</b>	5,240
<b>Efficacy (LPW)</b>	131
<b>Input Voltage</b>	120-277VAC, 50/60Hz
<b>Warranty</b>	5 Years
<b>Certifications</b>	UL Listed for Damp Locations, DLC Premium Approved, FCC Class A, 2.5kV Surge Protected
<b>Operating Temp</b>	-20°C to 50°C (-4°F to 122°F)

**Dimensions**

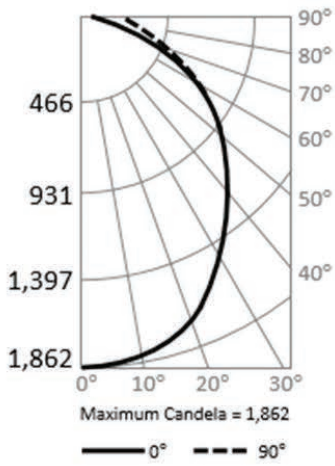


**Ordering Information** (Example: BWALED4FT-40-35KMV-ET)

SKU's	Description
BWALED4FT-40-35KMV-ET	LED wrap, 40w, 3500K
BWALED4FT-40-4KMV-ET	LED wrap, 40w, 4000K
BWALED4FT-40-5KMV-ET	LED wrap, 40w, 5000K

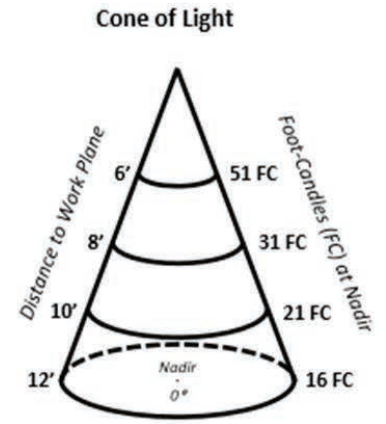
**Sample Photometry**

(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%



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.