

BWALED4FT 40W 4' Wrap



Project:	
Type:	
Catalog #:	

STANDARD



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 (127 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 50-60Hz.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Steel housing and PMMA lens.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.

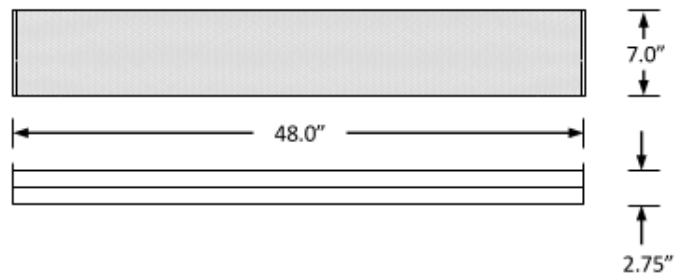
** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus approved for damp locations.
- 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).
- 5-year warranty of all electronics and housing.

DIMENSIONS



ORDERING INFORMATION

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

Series & Wattage	Color Temperature & Voltage		Occupancy Sensor ^{1,2}	
	BWALED4FT-40	35KMV-ET	3500k, 120-277V	OS
	4KMV-ET	4000k, 120-277V	ODS	Microwave
	5KMV-ET	5000k, 120-277V	Blank	No occupancy sensor

¹ Contact factory for other sensors.

² OS = passive infrared technology – features include on/off only. ODS = microwave technology – features include on/off, step-dimming, and daylight threshold.

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ACCESSORIES

Remote Mount Emergency Drivers*

BLEDEM-CP-800	=	Emergency driver
BLEDEM-CP-1200	=	Emergency driver
BLEDEM-CP-1600	=	Emergency driver
BLEDEM-CP-2000	=	Emergency driver
BLEDEM-CP-2400	=	Emergency driver
BLEDEM-CP-800-CEC	=	Emergency driver - CEC listed
BLEDEM-CP-1200-CEC	=	Emergency driver - CEC listed
BLEDEM-CP-1600-CEC	=	Emergency driver - CEC listed
BLEDEM-CP-2000-CEC	=	Emergency driver - CEC listed
BLEDEM-CP-2400-CEC	=	Emergency driver - CEC listed

*Emergency drivers must be remote mounted.

EMERGENCY DRIVERS – PERFORMANCE DATA

Emergency Driver Part Number	BLEDEM-CP-800		BLEDEM-CP-1200		BLEDEM-CP-1600		BLEDEM-CP-2000		BLEDEM-CP-2400	
	BLEDEM-CP-800-CEC		BLEDEM-CP-1200-CEC		BLEDEM-CP-1600-CEC		BLEDEM-CP-2000-CEC		BLEDEM-CP-2400-CEC	
Model	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens	Watts	EM Lumens
BWALED4FT-40-xKMV-ET	5.0	600	7.8	936	10.7	1284	13.7	1644	17.0	2040

COMPATIBLE DIMMERS

Manufacturer	Model Number	Dimming Range	Load Switching Capacity
Lutron	DVSTV	10%-100%	450W
Leviton	IP710-LFZ	10%-100%	1200W
General Protecht	DMD-LED3-102	10%-100%	600W

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			
BWALED4FT-40-35KMV-ET	3500k	> 80	4,771	38	127	120-277	0.32	0.16	0.14	> 90%	< 20%	122,000
BWALED4FT-40-4KMV-ET	4000k	> 80	5,200	40	130	120-277	0.33	0.17	0.14	> 90%	< 20%	122,000
BWALED4FT-40-5KMV-ET	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 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.

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PHOTOMETRIC DATA

BWALED4FT-40-35KMV-ET

Luminaire Data

Description	Wrap 4FT, 35K
Total Lumens	4,775
Input Wattage	38
Efficacy (lm/W)	127
Spacing Criterion (0-180°)	1.2
Spacing Criterion (90-270°)	1.2

Zonal Lumen Summary

Zone	Lumens	%Fixt	Zone	Lumens	%Fixt
0-20°	613	12.8%	60-80°	829	17.4%
0-30°	1,280	26.8%	70-80°	323	6.8%
0-40°	2,051	43.0%	80-90°	150	3.1%
0-60°	3,480	72.9%	90-110°	138	2.9%
0-80°	4,309	90.2%	90-120°	192	4.0%
0-90°	4,459	93.4%	90-130°	236	4.9%
10-90°	4,299	90.0%	90-150°	293	6.1%
20-40°	1,438	30.1%	90-180°	316	6.6%
20-50°	2,202	46.1%	110-180°	178	3.7%
40-70°	1,935	40.5%	0-180°	4,775	100.0%

180° Polar Graph

