



MODEL	COLOR TEMPERATURE	VOLTAGE	OCCUPANCY SENSOR ^{1,2}
05-BWALED4FT40W	35KMV-ET	3500k, 120-277V 4000k, 120-277V 5000k, 120-277V	OS = Passive infrared ODS = Microwave Blank = No occupancy sensor
	4KMV-ET		
	5KMV-ET		

APPLICATIONS

The 05-BWALED4FT40W series is a group of 2', 3', 4', and 8' slim strip lights, which are designed as direct replacements for fluorescent strips. The 05-BWALED4FT40W series 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.

LIFE HOURS

122,000 (L₇₀)**

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 (L70)**
- 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 acrylic lens.
- Easy installation in new construction or retrofit

WARRANTY/LISTING

- cULus approved for damp locations
- 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

* Contact factory for other color temperatures and lumen packages.

** L₇₀ hours are IES TM-21-11 calculated hours.

¹Contact factory for other sensors.

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

ACCESSORIES

Remote Mount Emergency Drivers*

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

*Emergency drivers must be remote mounted.

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

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
05-BWALED4FT40W-xKMV-ET	5.0	600	7.8	936	10.7	1284	13.7	1644	17.0	2040

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			
05-BWALED4FT40W-35K	3500k	> 80	4,771	38	127	120-277	0.32	0.16	0.14	> 90%	< 20%	122,000
05-BWALED4FT40W-4K	4000k	> 80	5,200	40	130	120-277	0.33	0.17	0.14	> 90%	< 20%	122,000
05-BWALED4FT40W-5K	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.



PHOTOMETRIC DATA

05-BWALED4FT40W-5K

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

