



Series: Bentley LED Wall Pack (BWP) Fixture Type: Traditional LED Wall Pack

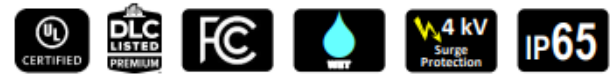
Project Name	Fixture Type	Catalog #	Quantity
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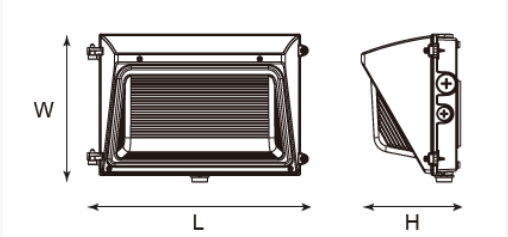
Design Features / Specifications

- Field selectable 3000k (warm white), 4000k (neutral white), and 5000k (cool white) color temperatures.
- Long-life LEDs provide at least 70% of initial lumen output (L70) for > 130,000 hours of operation, and at least 90% of initial lumen output (L90) for > 39,000 hours of operation.
- LED chromaticity based on < 5-step ANSI quadrangles.
- LED color maintenance < 0.003 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Provides a range of 3,700 to 16,800 nominal lumens and 124 to 159 nominal lumens per watt (lm/W).
- 0-10vdc dimming drivers are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 70.
- Cast aluminum housing with dark bronze, powder coat finish.
- Glass lens.
- Three 1/2" NPT threaded openings.
- Easy installation in new construction or retrofit applications.

Bentley Wall Pack	
Catalog #	Description
Complete Units Ordering Information Example: BWP-8654L-3CCT	
BWP	Fixture Series: BWP= Bentley LED Wall Pack
	Lumen Output 8654L = 8000/6000/5000/4000lms 1715129L = 17000/15000/12000/9000lms
LFKS	Field Selectable Color Temp. 3000K 4000K 5000K
	Options EM8 = 8W Emergency Driver HD07VR-PHF-1 = PIR Sensor HD07VR-MHF-1 = Microwave Sensor



Dimensional Information



L (in)	W (in)	H (in)	Weight (lbs)
14.47	6.45	9.25	7.07
14.47	6.45	9.25	7.29

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Photometric Data

Luminaire Data	
Description	Traditional Wall Pack Field Selectable
Total Lumens	7,817
Input Wattage	50
Efficacy (lm/W)	155
Max. Cd.	3109.6 (360H, 49V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)			
LCS Zone	Lumens	%Lum	
FL	0-30	914	11.7%
FM	30-60	2,450	31.3%
FH	60-90	1,771	22.7%
FVH	90-90	720	9.2%
BL	0-30	361	4.6%
BM	30-60	301	3.9%
BH	60-90	68	0.9%
BVH	90-90	10	0.1%
UL	90-100	559	7.1%
UH	100-180	670	8.6%
Total		7,817	100.0%
BUG Rating		B1-U4-G4	

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30°	1,274	16.3%
0-60°	4,026	51.5%
0-90°	5,865	75.0%
80-90°	729	11.1%
0-90°	6,595	84.4%
90-110°	900	11.5%
110-180°	0	0.0%
0-180°	7,817	100.0%

Photometrics calculated @4000k, and highest lumen setting

* 80-90° glare zone is calculated by dividing the lumens in that zone by the lumen total in the 0-90° zone

Polar Graph

0° Graph (solid line), 90° Graph (dashed line)

Luminaire Data	
Description	Traditional Wall Pack Field Selectable
Total Lumens	16,817
Input Wattage	110
Efficacy (lm/W)	152
Max. Cd.	6819.6 (360H, 38V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)			
LCS Zone	Lumens	%Lum	
FL	0-30	2,217	13.2%
FM	30-60	5,537	32.9%
FH	60-80	3,551	21.1%
FVH	80-90	1,260	7.5%
BL	0-30	1,292	7.7%
BM	30-60	1,119	6.7%
BH	60-80	231	1.4%
BVH	80-90	24	0.1%
UL	90-100	814	4.8%
UH	100-180	771	4.6%
Total		16,817	100.0%
BUG Rating		B3-U4-G5	

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30°	3,509	20.9%
0-60°	10,164	60.4%
0-80°	13,947	82.9%
80-90°	1,285	8.4%
0-90°	15,231	90.6%
90-110°	1,227	7.3%
110-180°	0	0.0%
0-180°	16,817	100.0%

Photometric calculated at 4000k, and highest lumen output

* 80-90° glare zone is calculated by dividing the lumens in that zone by the lumen total in the 0-90° zone

Polar Graph

0° Graph (solid line), 90° Graph (dashed line)

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Series:
Bentley LED Wall Pack (BWP)

Fixture Type:
Traditional LED Wall Pack

Project Name	Fixture Type	Catalog #	Quantity

Electrical Data

Measurements	25W			30W			40W			50W		
	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Lumens	3,781	3,863	3,927	4,653	4,786	4,842	5,714	5,910	5,946	7,462	7,817	7,755
Watts	25.17	24.7	25.14	31.27	30.61	31.22	38.79	37.7	38.75	52.02	50.49	51.84
Efficacy	150.22	156.40	156.21	148.80	156.35	155.09	147.31	156.76	153.45	143.44	154.82	149.59

Measurements	60W			80W			100W			120W		
	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Lumens	9,076	9,413	9,532	11,765	12,350	12,374	13,993	14,803	14,709	15,836	16,817	16,722
Watts	60.3	59.07	60.22	80.31	78.48	80.29	98.14	95.56	97.97	113.96	110.4	113.72
Efficacy	150.51	159.35	158.29	146.49	157.36	154.12	142.58	154.91	150.14	138.96	152.33	147.05

CCT	Input Amps (A)											
	25W			30W			40W			50W		
	120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
3000K	0.21	0.10	0.09	0.26	0.13	0.11	0.32	0.16	0.14	0.43	0.22	0.19
4000K	0.21	0.10	0.09	0.26	0.13	0.11	0.31	0.16	0.14	0.42	0.21	0.18
5000K	0.21	0.10	0.09	0.26	0.13	0.11	0.32	0.16	0.14	0.43	0.22	0.19

CCT	Input Amps (A)											
	60W			80W			100W			120W		
	120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
3000K	0.50	0.25	0.22	0.67	0.33	0.29	0.82	0.41	0.35	0.95	0.47	0.41
4000K	0.49	0.25	0.21	0.65	0.33	0.28	0.80	0.40	0.34	0.92	0.46	0.40
5000K	0.50	0.25	0.22	0.67	0.33	0.29	0.82	0.41	0.35	0.95	0.46	0.41

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