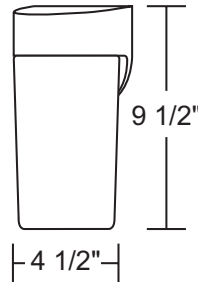


OUTDOOR WALL FIXTURE 216/217



EXTENDS:
5 3/4"
H/CTR:
2 3/8"
BACKPLATE:
4 3/4" x 4 1/2"



Wave Lighting's 216/217 adds a contemporary look to any outdoor space. This fixture can be used to comply with 2016 Title 24 Part 6 High Efficacy LED Light Source Requirements. Wave Lighting's 216/217 is designed for wall applications and mounting hardware is included. Options include photocell.

LED SOURCE OPTIONS

LIGHTWAVE LED - LR/LT

- 120V, 50/60 Hz
- AC Driver-On-Board Array
- Estimated 50,000 Hrs L₇₀
- Low Flicker (LT models)
- Surge Supression
- Dimmable (see compatible dimmer list)
- High Efficacy LED Light Source
- 3000K or 4000K CCT; 80 or 90CRI
- 5 Year Warranty
- Energy Star

LED MULTI-VOLT SYSTEM - L11

- 120-277V, 50/60Hz
- Estimated 50,000 Hrs L₇₀
- 4000K CCT 80CRI
- 3 Year Warranty
- Energy Star

E26 REPLACEABLE LED - LE26

- 120V, 50/60Hz
- "Screw-In" Medium Base A19/E26 LED Lamp
- Estimated 15,000 Hrs L₇₀
- Low Flicker (3K models)
- Dimmable (see compatible dimmer list)
- 3000K CCT 90CRI or 4000K CCT 80CRI
- 3 Year Warranty
- Energy Star







SPECIFICATIONS

- Black or White
- Mounting Hardware Included
- Opal Acrylic Diffuser
- Wall Mount Only
- Minimum Starting Temp -20°F
- UL Listed for Wet Locations

GUIDE: 217-BK-LR12W-PC

CALL FOR PHOTOMETRIC INFORMATION

| ITEM # | LENS | COLOR | LIGHT SOURCE | OPTION |
|--------|------------------------|----------------------|---|--|
| 216 | ACRYLIC Clear Prism | BK-Black WH-White | INCANDESCENT (1) 60W MAX Medium Base | PC-Photocell (NOT AVAILABLE W/ L11) |
| | | | LED LIGHT SOURCE | |
| 217 | Opal | | LIGHTWAVE LED LR12-13W 1000lm 80CRI  LT12-12W 1040lm 90CRI  | CCT C-4K W-3K |
| | | | LED MULTI-VOLT SYSTEM L11-11W 912lm  | 4K |
| | | | E26 REPLACEABLE LED LE26-10W 800lm  | C-4K W-3K |

★ Lamp Included  Energy Star Qualified Product

REFER TO CATALOG FOR OPTION SPECIFICATIONS - Specifications subject to change without notice - FIXTURE SPEC 1/19

BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

1618 HEADLAND DR.
FENTON, MO 63026
(636) - 343-6006
(636) - 343-6051 FAX



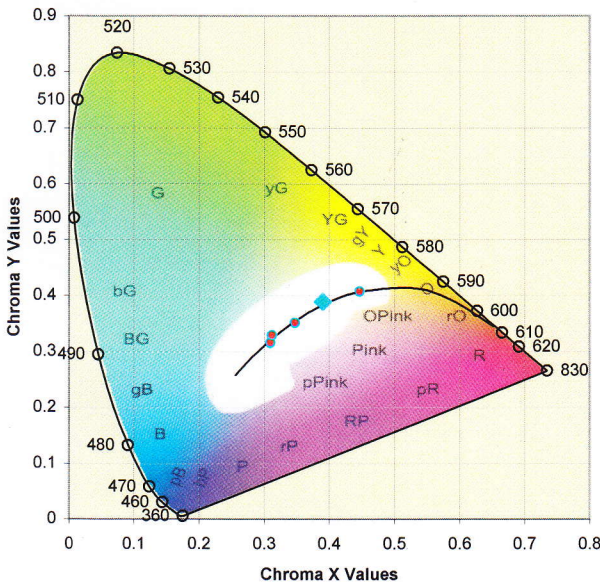
BALLABS CERTIFIED TEST REPORT NO.: 16956.1 A DATE 12/05/12
 PREPARED FOR: WAVE LIGHTING - CUYAHOGA FALLS, OH
 DESCRIPTION: 4 LED MODULE BLACK WALL LANTERN w/WHITE REFLECTOR
 3.75"DIA 7"TALL WHITE ACRYLIC DROP DIFFUSER
 IG900-DMV-1

CATALOG NBR: 217-XX-L11
 LAMP TYPE : L09V-DC-700-04-R RATED LUMENS NA. NBR. LAMPS:- 1

| | |
|-----------------------|---------|
| INPUT VOLTAGE (V) | 120.0 |
| INPUT CURRENT (A) | 0.0937 |
| INPUT WATTS (W) | 11.138 |
| THDv (%) | 0.1650% |
| THDi (%) | 3.8910% |
| POWER FACTOR | 0.99 |
| LUMINOUS EFFICACY-LPW | 22.45 |
| LUMINOUS FLUX- LUMENS | 250 |
| CHROMA x | 0.3913 |
| CHROMA y | 0.3889 |
| CHROMA u | 0.2274 |
| CHROMA v | 0.3389 |
| DELTA uv (Duv) | 0.0023 |
| CORR COLOR TEMP (K) | 3808 |
| COLOR REND INDEX (RA) | 81.67 |
| COLOR REND INDEX (R9) | 8.6 |

| Wavelength (nm) | Spectral Flux mW/nm | Wavelength (nm) | Spectral Flux mW/nm |
|-----------------|---------------------|-----------------|---------------------|
| 350 | 0.0184 | 610 | 4.0928 |
| 360 | 0.0174 | 620 | 3.7776 |
| 370 | 0.0158 | 630 | 3.3867 |
| 380 | 0.0158 | 640 | 2.9192 |
| 390 | 0.0176 | 650 | 2.4486 |
| 400 | 0.0268 | 660 | 1.9818 |
| 410 | 0.0912 | 670 | 1.5716 |
| 420 | 0.3647 | 680 | 1.2340 |
| 430 | 0.9506 | 690 | 0.9590 |
| 440 | 1.7527 | 700 | 0.7328 |
| 450 | 3.0371 | 710 | 0.5532 |
| 460 | 2.9500 | 720 | 0.4134 |
| 470 | 1.9915 | 730 | 0.3104 |
| 480 | 1.4766 | 740 | 0.2342 |
| 490 | 1.4153 | 750 | 0.1774 |
| 500 | 1.7352 | 760 | 0.1344 |
| 510 | 2.2249 | 770 | 0.1004 |
| 520 | 2.6840 | 780 | 0.0768 |
| 530 | 3.0554 | 790 | 0.0570 |
| 540 | 3.3277 | 800 | 0.0441 |
| 550 | 3.5877 | 810 | 0.0338 |
| 560 | 3.8550 | 820 | 0.0254 |
| 570 | 4.0362 | 830 | 0.0199 |
| 580 | 4.1964 | 840 | 0.0152 |
| 590 | 4.3076 | 850 | 0.0119 |
| 600 | 4.2779 | | |

Chromaticity Diagram CIE 1931 2 Degree



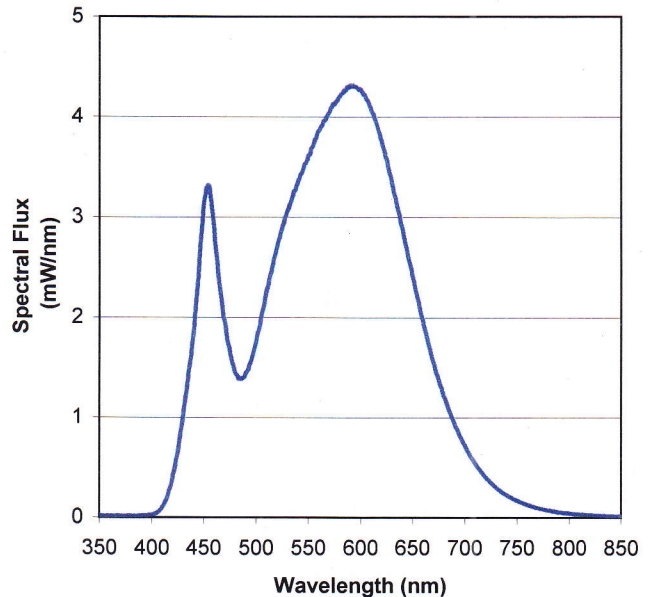
Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



Kelly C Lerbs

NVLAP LAB CODE 200921-0

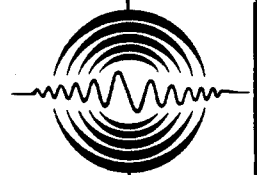
Kelly C Lerbs
Vice President



SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

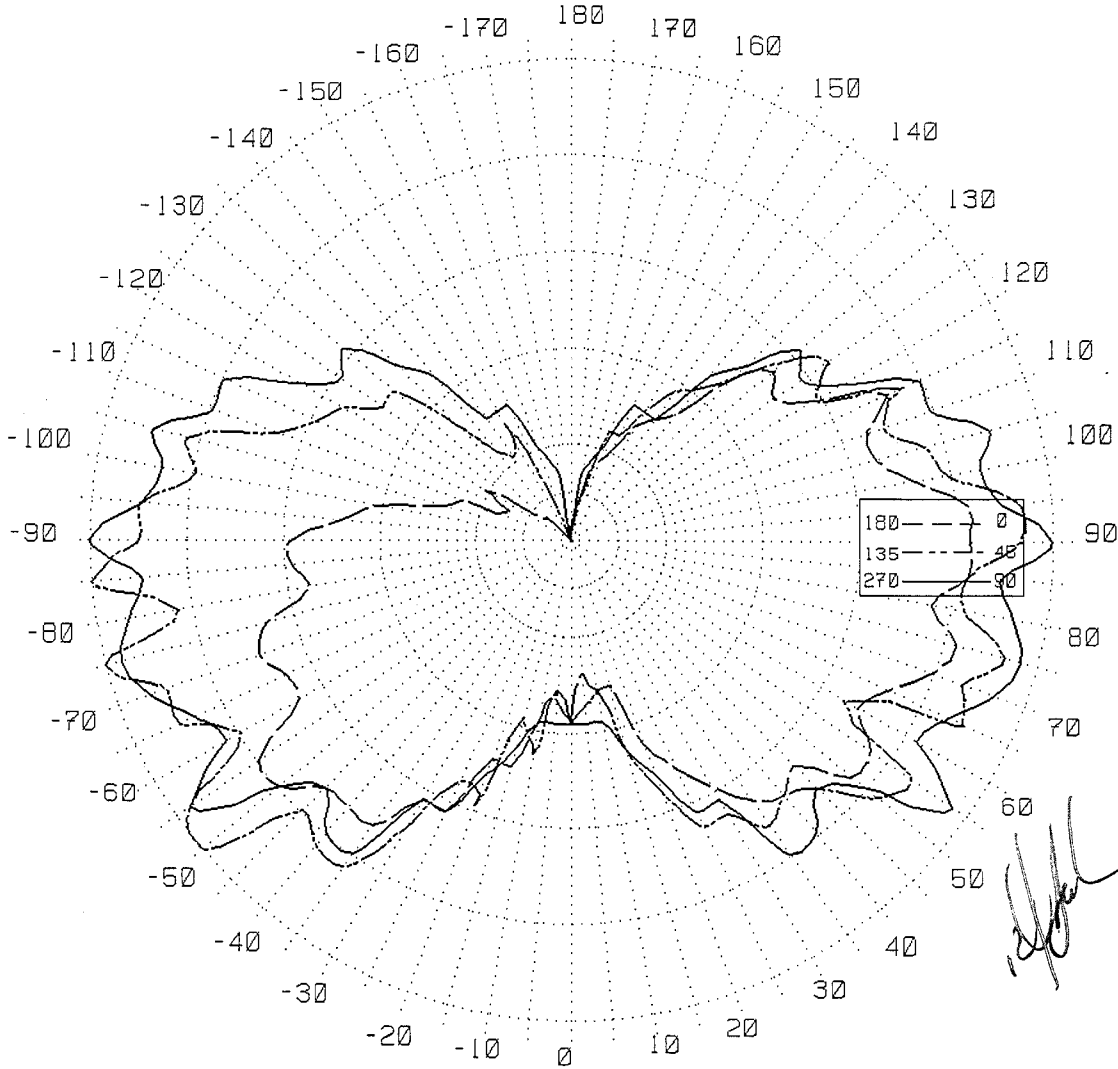
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0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



LUMEN SUMMARY

| ZONE | LUMENS | %LAMP | %FIXT | ZONE | LUMENS | %LAMP | %FIXT |
|-------------------------|--------|-------|-------|----------------|--------|-------|-------|
| 0- 30 | 13. | NA. | 5.2 | 90-120 | 68. | NA. | 27.3 |
| 0- 40 | 26. | NA. | 10.4 | 90-130 | 83. | NA. | 33.3 |
| 0- 60 | 65. | NA. | 25.9 | 90-150 | 99. | NA. | 39.6 |
| 0- 90 | 148. | NA. | 59.2 | 90-180 | 102. | NA. | 40.8 |
| TOTAL LUMINAIRE = 0-180 | | | | 250. NA. 100.0 | | | |

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

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CANDLEPOWER DISTRIBUTION
 0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER

| VERT | HORIZONTAL | | | | | | | | | LUMENS | | TOTAL |
|------|------------|------|------|------|------|-------|-------|-------|-------|--------|------|-------|
| | .0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 | FRONT | BACK | |
| 0 | 11. | 11. | 11. | 11. | 11. | 11. | 11. | 11. | 11. | | | |
| 5 | 8. | 9. | 10. | 9. | 11. | 12. | 9. | 9. | 9. | .4 | .5 | 1.0 |
| 10 | 9. | 11. | 9. | 9. | 11. | 10. | 13. | 9. | 11. | | | |
| 15 | 9. | 13. | 13. | 14. | 13. | 14. | 11. | 11. | 14. | 2.0 | 1.8 | 3.8 |
| 20 | 13. | 11. | 16. | 14. | 15. | 15. | 17. | 15. | 14. | | | |
| 25 | 15. | 17. | 19. | 17. | 18. | 18. | 16. | 18. | 18. | 4.0 | 4.3 | 8.3 |
| 30 | 17. | 14. | 19. | 16. | 18. | 22. | 20. | 18. | 18. | | | |
| 35 | 19. | 19. | 22. | 22. | 24. | 20. | 25. | 22. | 22. | 6.4 | 6.6 | 13.0 |
| 40 | 20. | 19. | 20. | 19. | 24. | 24. | 25. | 23. | 22. | | | |
| 45 | 19. | 19. | 22. | 22. | 22. | 22. | 24. | 23. | 22. | 7.9 | 8.5 | 16.5 |
| 50 | 23. | 25. | 25. | 25. | 24. | 28. | 30. | 25. | 24. | | | |
| 55 | 23. | 23. | 26. | 25. | 29. | 30. | 29. | 23. | 24. | 10.6 | 11.7 | 22.3 |
| 60 | 20. | 19. | 19. | 22. | 25. | 27. | 24. | 20. | 19. | | | |
| 65 | 22. | 25. | 27. | 27. | 26. | 29. | 27. | 25. | 19. | 12.7 | 13.2 | 25.9 |
| 70 | 24. | 25. | 26. | 25. | 28. | 30. | 27. | 25. | 20. | | | |
| 75 | 25. | 26. | 28. | 28. | 29. | 31. | 30. | 25. | 19. | 14.1 | 14.6 | 28.7 |
| 80 | 23. | 25. | 25. | 27. | 28. | 29. | 25. | 20. | 16. | | | |
| 85 | 25. | 25. | 25. | 25. | 27. | 32. | 30. | 24. | 17. | 13.4 | 15.1 | 28.5 |
| 90 | 25. | 25. | 28. | 26. | 30. | 31. | 27. | 22. | 17. | | | |
| 95 | 25. | 25. | 28. | 28. | 27. | 30. | 27. | 19. | 14. | 14.3 | 13.4 | 27.7 |
| 100 | 22. | 24. | 24. | 28. | 26. | 27. | 24. | 18. | 12. | | | |
| 105 | 19. | 19. | 23. | 25. | 27. | 27. | 25. | 15. | 8. | 11.7 | 11.1 | 22.8 |
| 110 | 19. | 20. | 20. | 22. | 24. | 24. | 19. | 9. | 7. | | | |
| 115 | 22. | 17. | 23. | 19. | 24. | 25. | 17. | 10. | 4. | 9.2 | 8.6 | 17.8 |
| 120 | 17. | 18. | 17. | 22. | 19. | 20. | 16. | 9. | 6. | | | |
| 125 | 15. | 19. | 19. | 19. | 17. | 20. | 14. | 8. | 3. | 8.7 | 6.4 | 15.2 |
| 130 | 16. | 15. | 17. | 19. | 18. | 17. | 14. | 7. | 2. | | | |
| 135 | 14. | 14. | 14. | 15. | 15. | 14. | 10. | 6. | 2. | 5.8 | 4.0 | 9.7 |
| 140 | 10. | 12. | 12. | 11. | 13. | 9. | 7. | 2. | 0. | | | |
| 145 | 9. | 11. | 11. | 12. | 9. | 11. | 6. | 3. | 0. | 3.7 | 2.3 | 6.0 |
| 150 | 8. | 9. | 9. | 9. | 9. | 9. | 8. | 4. | 0. | | | |
| 155 | 6. | 5. | 7. | 7. | 9. | 5. | 4. | 2. | 0. | 1.4 | .8 | 2.3 |
| 160 | 5. | 4. | 7. | 4. | 6. | 2. | 1. | 3. | 0. | | | |
| 165 | 4. | 5. | 3. | 3. | 5. | 2. | 0. | 0. | 0. | .6 | .1 | .7 |
| 170 | 1. | 1. | 2. | 2. | 4. | 1. | 0. | 0. | 0. | | | |
| 175 | 1. | 2. | 1. | 0. | 0. | 0. | 0. | 0. | 0. | .0 | .0 | .0 |
| 180 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | | | |

USE .000 FT. AS LENGTH AND .313 FT. AS WIDTH

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LUMINOUS EFFICACY (LUMENS / WATTS) = 22.45

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08

