

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P173283

Luminaire Tested: **ENC-EXX-LED-E1-GZW-7060-CWB**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P173283
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33649)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENC-EXX-LED-E1-GZW-7060-CWB
Description: ENTRI LED LUMINAIRE, EMERGENCY MODE
LIGHTBARS WITH AccuLED OPTICS - WALL GRAZER WIDE
Light Source: (42) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1850.3 lumens
Efficiency: N/A
Efficacy: 336.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.33' x H: 0')
IES Classification: Type I - Short - Full Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 5.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

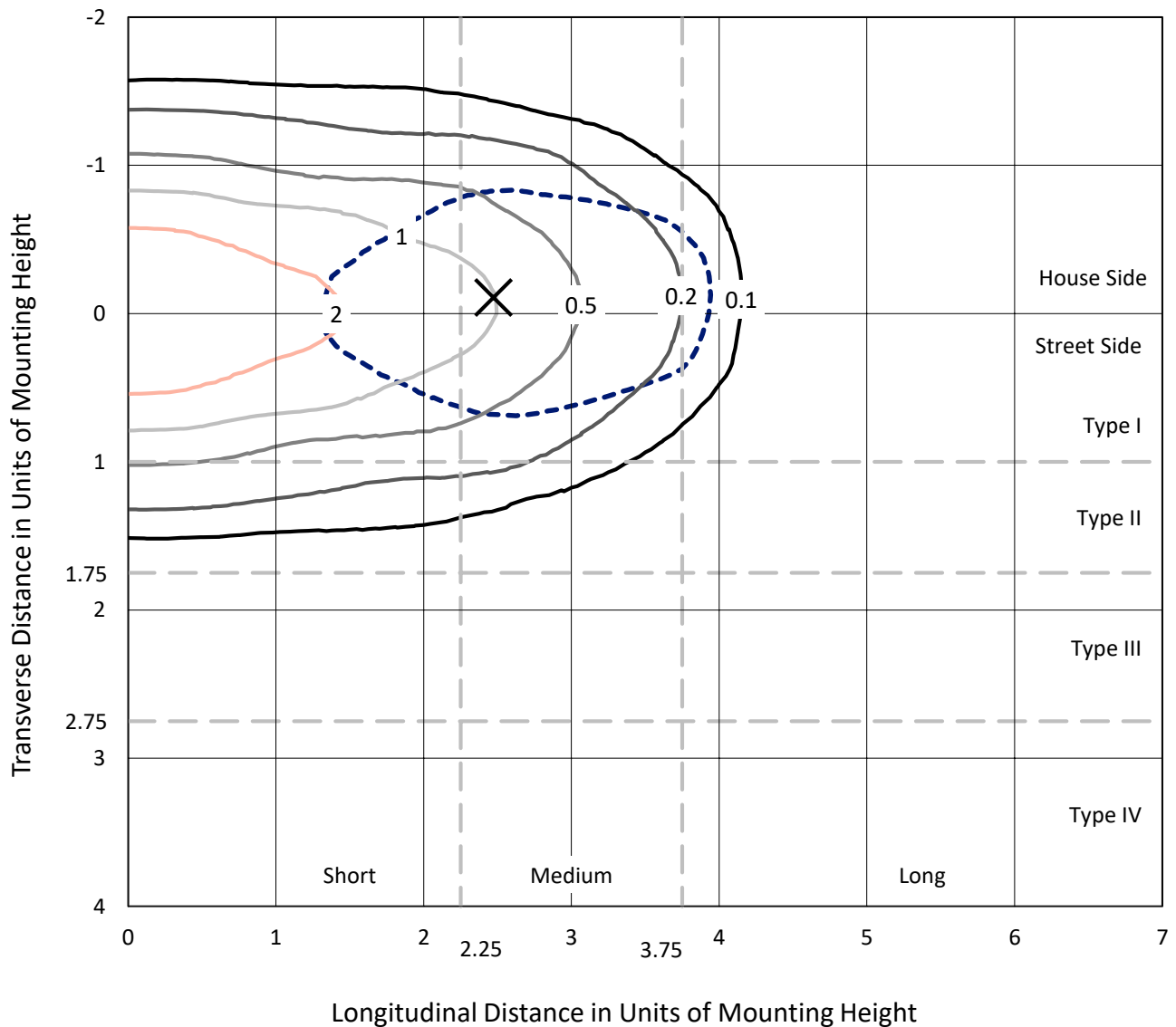


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Iso-Footcandle Lines of Horizontal Illumination

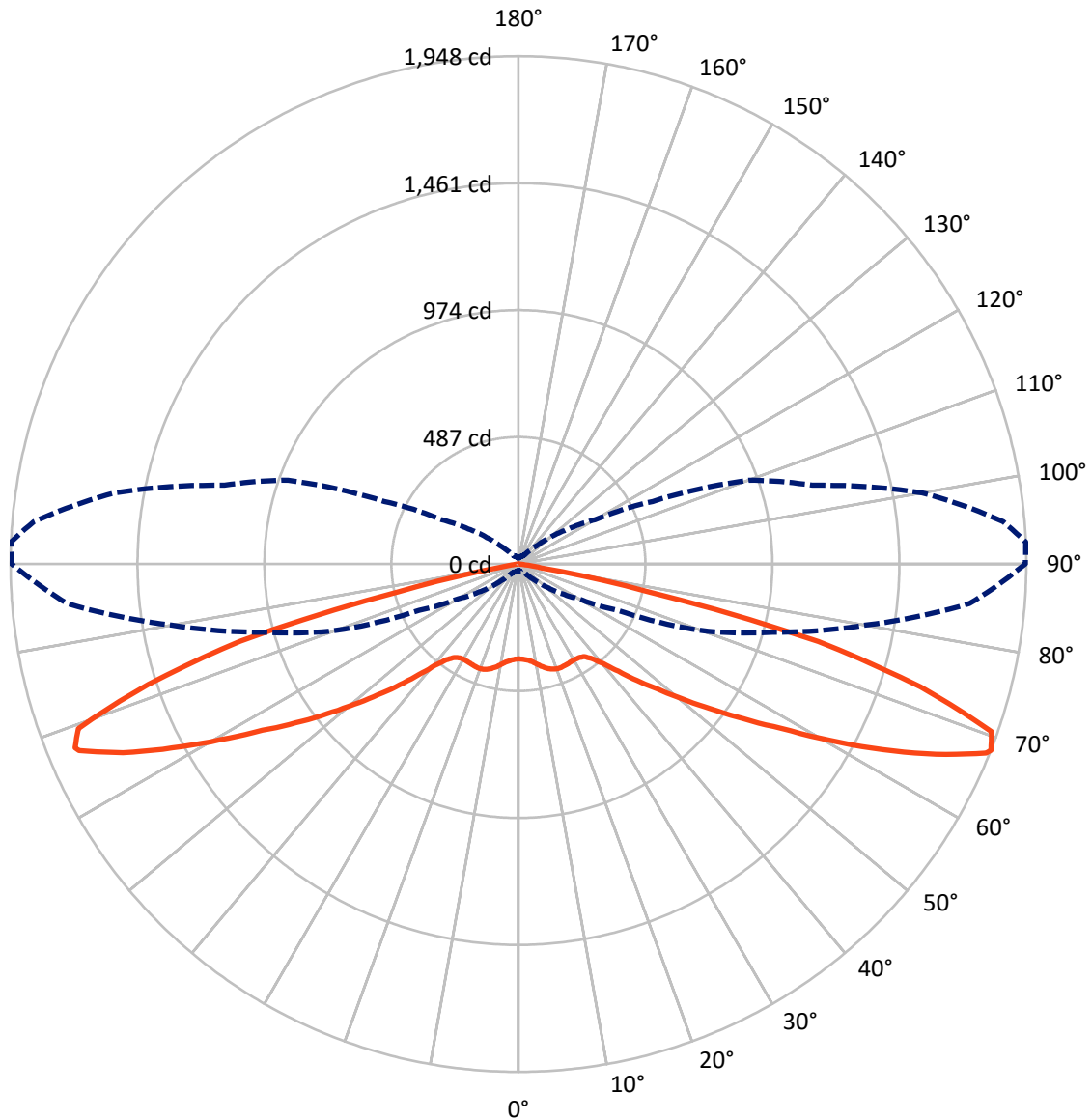
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.7 fc
 Type I - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 92.5-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

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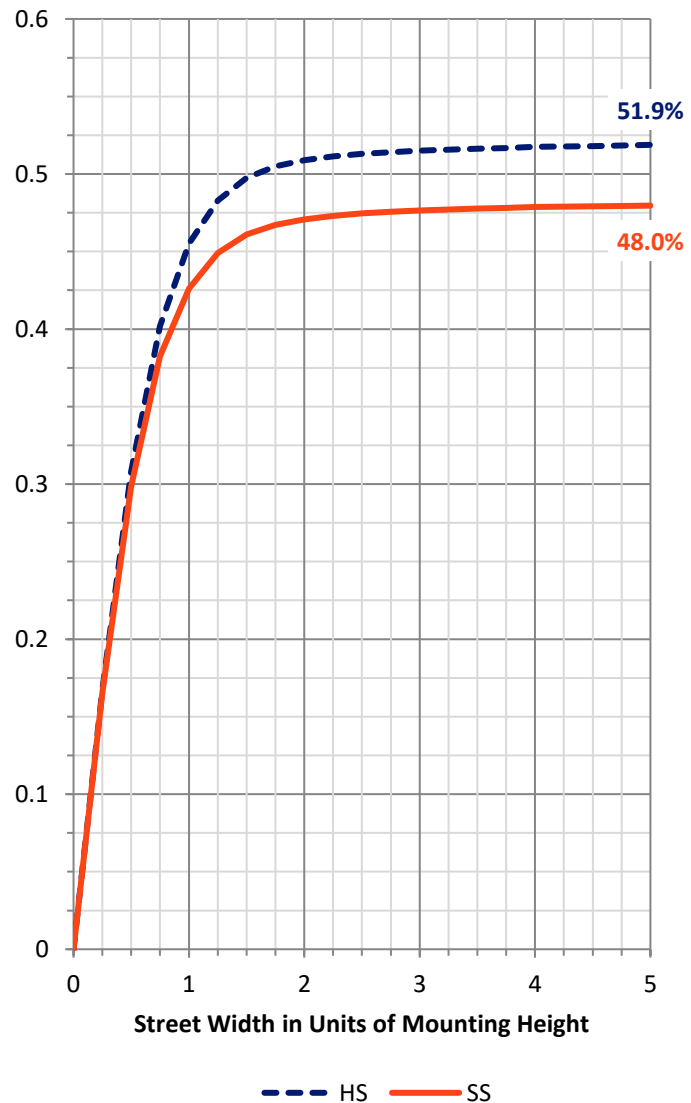
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 966.6 | 0.0 | 966.6 |
| | % Fixture | 52.2 | 0.0 | 52.2 |
| Street Side | Lumens | 883.7 | 0.0 | 883.7 |
| | % Fixture | 47.8 | 0.0 | 47.8 |
| Total | Lumens | 1850.3 | 0.0 | 1850.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 35.8 | 1.9 |
| 10°-20° | 113.1 | 6.1 |
| 20°-30° | 183.5 | 9.9 |
| 30°-40° | 228.1 | 12.3 |
| 40°-50° | 283.6 | 15.3 |
| 50°-60° | 348.8 | 18.9 |
| 60°-70° | 412.4 | 22.3 |
| 70°-80° | 231.0 | 12.5 |
| 80°-90° | 14.0 | 0.8 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 1850.3 | 100.0 |
| 0°-180° | 1850.3 | 100.0 |



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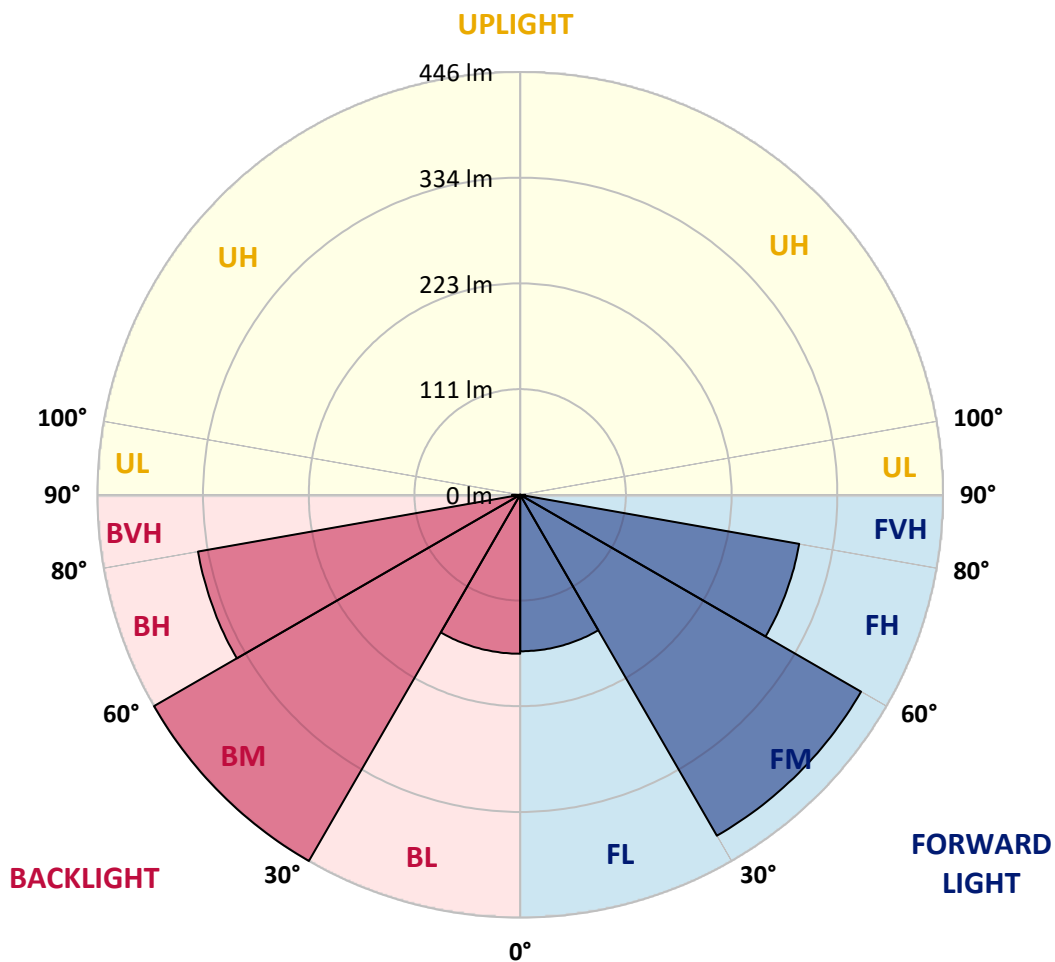
CATALOG NUMBER: ENC-EXX-LED-E1-GZW-7060-CWB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 164.9 | 8.9 | | | |
| FM | (30°-60°) | 414.9 | 22.4 | | | |
| FH | (60°-80°) | 298.6 | 16.1 | | | G0/660 |
| FVH | (80°-90°) | 5.3 | 0.3 | | | G0/10 |
| BL | (0°-30°) | 167.5 | 9.1 | B1/500 | | |
| BM | (30°-60°) | 445.6 | 24.1 | B1/1000 | | |
| BH | (60°-80°) | 344.8 | 18.6 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 8.7 | 0.5 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type I Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 |
| 2.5° | 365.4 | 365.4 | 365.4 | 365.8 | 366.1 | 366.8 | 366.4 | 367.1 | 366.1 | 367.4 | 367.4 |
| 5° | 369.8 | 370.1 | 370.4 | 370.4 | 371.1 | 371.4 | 371.1 | 372.1 | 371.1 | 372.4 | 372.7 |
| 7.5° | 373.8 | 373.8 | 374.1 | 374.4 | 375.1 | 375.7 | 376.1 | 377.1 | 376.7 | 378.1 | 379.4 |
| 10° | 376.7 | 376.4 | 376.7 | 377.4 | 379.1 | 380.1 | 381.4 | 382.7 | 383.4 | 384.7 | 386.7 |
| 12.5° | 378.1 | 377.7 | 378.7 | 380.4 | 382.0 | 384.0 | 386.0 | 389.0 | 391.0 | 393.0 | 396.0 |
| 15° | 377.4 | 377.4 | 378.7 | 380.7 | 384.0 | 387.7 | 391.4 | 395.3 | 399.0 | 403.3 | 406.3 |
| 17.5° | 371.1 | 371.7 | 373.8 | 377.1 | 382.0 | 387.7 | 393.7 | 400.3 | 406.3 | 412.3 | 416.3 |
| 20° | 359.8 | 360.4 | 364.1 | 368.1 | 374.7 | 383.0 | 392.3 | 402.0 | 411.3 | 419.2 | 424.9 |
| 22.5° | 345.8 | 345.2 | 348.5 | 353.8 | 362.8 | 372.7 | 384.7 | 399.0 | 411.6 | 422.9 | 430.9 |
| 25° | 324.2 | 324.2 | 327.9 | 334.5 | 344.2 | 356.5 | 371.1 | 389.4 | 406.3 | 420.9 | 432.2 |
| 27.5° | 301.3 | 301.6 | 306.3 | 311.9 | 322.9 | 334.5 | 351.5 | 372.7 | 393.3 | 412.6 | 429.2 |
| 30° | 278.4 | 279.4 | 283.4 | 289.0 | 300.6 | 312.9 | 330.2 | 351.2 | 373.4 | 397.3 | 419.9 |
| 32.5° | 254.8 | 256.1 | 259.5 | 266.1 | 278.7 | 292.4 | 310.0 | 328.6 | 349.8 | 376.1 | 405.3 |
| 35° | 232.6 | 233.6 | 236.2 | 244.2 | 257.1 | 271.8 | 291.4 | 309.3 | 330.9 | 355.1 | 387.3 |
| 37.5° | 211.6 | 212.6 | 215.6 | 223.9 | 236.9 | 251.5 | 270.8 | 291.0 | 313.3 | 337.2 | 369.1 |
| 40° | 189.0 | 191.3 | 195.4 | 203.3 | 215.3 | 231.9 | 251.5 | 272.7 | 296.3 | 323.6 | 356.1 |
| 42.5° | 168.4 | 170.4 | 174.1 | 181.0 | 193.0 | 210.6 | 231.2 | 253.1 | 278.7 | 309.6 | 346.5 |
| 45° | 149.5 | 151.2 | 154.8 | 161.1 | 173.8 | 187.7 | 206.3 | 229.2 | 255.8 | 291.4 | 336.2 |
| 47.5° | 131.2 | 132.9 | 136.9 | 144.5 | 154.8 | 168.4 | 185.0 | 205.3 | 229.9 | 266.1 | 316.6 |
| 50° | 113.0 | 114.6 | 118.6 | 126.2 | 136.2 | 149.5 | 164.8 | 183.1 | 207.3 | 238.5 | 288.0 |
| 52.5° | 93.0 | 94.7 | 98.7 | 106.3 | 115.9 | 128.6 | 144.2 | 163.1 | 185.7 | 215.3 | 256.1 |
| 55° | 71.4 | 73.8 | 77.4 | 83.7 | 94.0 | 106.6 | 122.3 | 142.8 | 165.8 | 194.7 | 232.6 |
| 57.5° | 51.5 | 53.2 | 57.5 | 62.5 | 71.1 | 84.4 | 98.3 | 119.6 | 145.2 | 174.7 | 212.3 |
| 60° | 37.5 | 39.2 | 42.2 | 46.2 | 52.2 | 61.8 | 74.1 | 94.0 | 122.3 | 155.5 | 194.0 |
| 62.5° | 31.2 | 32.6 | 35.5 | 39.5 | 42.9 | 47.5 | 54.8 | 70.1 | 97.7 | 134.6 | 175.1 |
| 65° | 27.6 | 28.6 | 31.2 | 35.2 | 37.9 | 39.9 | 42.9 | 53.2 | 75.8 | 112.0 | 156.5 |
| 67.5° | 24.6 | 25.6 | 27.6 | 30.9 | 33.9 | 34.9 | 36.6 | 43.5 | 59.5 | 91.0 | 136.9 |
| 68° | 24.2 | 25.3 | 26.9 | 29.9 | 32.9 | 33.9 | 35.5 | 42.5 | 57.8 | 86.7 | 131.5 |
| 70° | 22.6 | 23.2 | 24.9 | 27.2 | 29.6 | 30.2 | 32.2 | 39.2 | 54.2 | 75.8 | 106.6 |
| 72.5° | 20.6 | 20.9 | 21.9 | 23.9 | 26.3 | 26.6 | 28.6 | 34.2 | 42.5 | 55.8 | 79.4 |
| 75° | 17.3 | 17.6 | 18.9 | 20.6 | 21.9 | 22.6 | 23.2 | 25.9 | 28.9 | 34.5 | 46.8 |
| 77.5° | 13.3 | 14.0 | 15.0 | 16.0 | 17.9 | 18.6 | 17.9 | 19.9 | 21.3 | 23.6 | 28.6 |
| 80° | 8.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.6 | 11.9 | 14.0 | 15.0 | 16.3 | 19.3 |
| 82.5° | 1.3 | 1.7 | 1.7 | 2.3 | 3.0 | 3.7 | 4.0 | 5.0 | 6.3 | 7.6 | 10.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 1.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: ENC-EXX-LED-E1-GZW-7060-CWB

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 92.5° | 95° | 100° |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 |
| 2.5° | 365.4 | 366.4 | 366.4 | 366.1 | 366.1 | 366.1 | 365.1 | 365.4 | 365.8 | 366.8 | 365.4 |
| 5° | 370.7 | 371.7 | 371.4 | 371.1 | 371.1 | 371.1 | 369.8 | 370.1 | 370.4 | 371.1 | 369.8 |
| 7.5° | 377.7 | 378.7 | 379.1 | 379.1 | 379.1 | 379.7 | 377.7 | 377.7 | 378.4 | 379.1 | 377.1 |
| 10° | 388.0 | 388.0 | 389.0 | 389.7 | 390.4 | 391.0 | 389.7 | 389.0 | 390.4 | 390.4 | 388.0 |
| 12.5° | 397.6 | 398.3 | 400.0 | 401.3 | 401.7 | 403.0 | 403.0 | 402.6 | 403.6 | 403.3 | 400.7 |
| 15° | 408.6 | 409.3 | 410.6 | 412.3 | 412.6 | 413.9 | 413.9 | 414.3 | 415.3 | 415.9 | 412.0 |
| 17.5° | 418.9 | 419.9 | 419.9 | 420.2 | 420.9 | 421.9 | 422.6 | 422.9 | 423.9 | 424.6 | 420.6 |
| 20° | 427.6 | 428.6 | 426.9 | 425.6 | 424.2 | 424.9 | 426.2 | 427.6 | 428.2 | 428.6 | 423.6 |
| 22.5° | 434.2 | 434.5 | 431.9 | 428.2 | 424.6 | 424.2 | 425.9 | 428.2 | 428.9 | 428.6 | 421.6 |
| 25° | 437.9 | 438.9 | 436.2 | 430.5 | 423.9 | 421.6 | 423.3 | 426.2 | 427.6 | 426.2 | 417.9 |
| 27.5° | 437.9 | 441.5 | 440.2 | 434.2 | 425.2 | 418.9 | 419.9 | 424.6 | 425.6 | 423.9 | 414.3 |
| 30° | 434.5 | 442.2 | 443.8 | 440.2 | 430.9 | 419.9 | 418.6 | 423.9 | 425.2 | 422.3 | 412.6 |
| 32.5° | 427.9 | 441.8 | 448.5 | 448.8 | 441.5 | 427.9 | 421.2 | 426.6 | 427.6 | 423.9 | 415.9 |
| 35° | 418.6 | 441.5 | 454.5 | 460.8 | 458.4 | 444.8 | 433.2 | 436.5 | 435.9 | 431.9 | 428.9 |
| 37.5° | 408.3 | 441.5 | 463.1 | 477.7 | 483.1 | 476.1 | 460.8 | 459.1 | 460.8 | 454.8 | 453.1 |
| 40° | 397.0 | 442.5 | 475.4 | 501.3 | 517.2 | 519.6 | 506.0 | 501.3 | 503.3 | 497.7 | 500.0 |
| 42.5° | 390.4 | 443.8 | 491.7 | 528.9 | 559.8 | 583.4 | 577.4 | 563.4 | 562.4 | 563.1 | 568.1 |
| 45° | 387.0 | 447.1 | 508.0 | 560.1 | 603.3 | 655.8 | 661.4 | 636.5 | 637.8 | 641.5 | 649.1 |
| 47.5° | 383.4 | 453.5 | 526.9 | 592.7 | 650.8 | 724.5 | 752.1 | 718.6 | 715.9 | 729.5 | 731.9 |
| 50° | 370.1 | 461.1 | 548.5 | 629.2 | 700.7 | 802.0 | 845.5 | 811.3 | 811.9 | 824.6 | 819.9 |
| 52.5° | 339.5 | 461.5 | 571.4 | 665.8 | 750.5 | 878.4 | 944.5 | 921.9 | 920.2 | 932.5 | 907.9 |
| 55° | 297.3 | 440.5 | 590.0 | 701.6 | 797.7 | 949.5 | 1046.8 | 1051.8 | 1048.5 | 1050.4 | 997.3 |
| 57.5° | 263.4 | 389.0 | 592.0 | 731.9 | 837.5 | 1016.9 | 1151.8 | 1187.7 | 1188.0 | 1179.4 | 1085.0 |
| 60° | 241.5 | 331.2 | 566.1 | 756.8 | 884.0 | 1103.0 | 1288.7 | 1369.1 | 1373.7 | 1338.5 | 1202.3 |
| 62.5° | 223.2 | 302.0 | 512.6 | 782.4 | 937.5 | 1190.0 | 1436.2 | 1568.4 | 1568.7 | 1509.9 | 1331.5 |
| 65° | 209.0 | 286.0 | 453.8 | 772.7 | 978.7 | 1274.4 | 1592.3 | 1769.0 | 1760.4 | 1695.6 | 1454.1 |
| 67.5° | 193.0 | 271.8 | 426.6 | 757.8 | 1013.9 | 1352.5 | 1729.8 | 1932.8 | 1935.2 | 1855.4 | 1567.7 |
| 68° | 189.7 | 266.4 | 419.6 | 745.2 | 1009.9 | 1349.8 | 1737.1 | 1943.8 | 1947.8 | 1865.7 | 1572.7 |
| 70° | 163.4 | 232.6 | 365.1 | 650.8 | 938.2 | 1277.7 | 1690.7 | 1912.9 | 1925.2 | 1833.5 | 1517.2 |
| 72.5° | 109.0 | 160.8 | 243.9 | 459.8 | 722.9 | 1015.3 | 1384.0 | 1602.3 | 1612.6 | 1550.8 | 1260.1 |
| 75° | 69.1 | 97.7 | 129.6 | 265.1 | 485.7 | 728.5 | 1043.5 | 1170.7 | 1187.7 | 1167.4 | 943.5 |
| 77.5° | 41.9 | 68.4 | 79.7 | 128.6 | 255.8 | 340.9 | 471.4 | 479.7 | 499.0 | 487.0 | 489.0 |
| 80° | 27.6 | 47.5 | 58.1 | 87.4 | 88.7 | 73.4 | 83.4 | 84.0 | 89.0 | 94.7 | 98.7 |
| 82.5° | 15.6 | 28.9 | 40.5 | 59.8 | 52.8 | 27.2 | 23.2 | 24.2 | 24.9 | 25.6 | 30.2 |
| 85° | 2.3 | 5.3 | 11.3 | 18.6 | 18.9 | 9.0 | 8.3 | 7.6 | 8.0 | 8.6 | 11.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: ENC-EXX-LED-E1-GZW-7060-CWB

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 |
| 2.5° | 365.1 | 364.8 | 365.1 | 364.1 | 365.1 | 364.8 | 364.8 | 364.8 | 364.4 | 364.8 | 364.8 |
| 5° | 369.1 | 369.1 | 369.1 | 368.4 | 369.1 | 369.1 | 369.1 | 369.1 | 368.8 | 369.1 | 369.4 |
| 7.5° | 376.7 | 376.7 | 376.4 | 375.4 | 376.1 | 376.1 | 375.7 | 375.1 | 374.4 | 374.7 | 374.4 |
| 10° | 387.0 | 387.7 | 385.7 | 385.7 | 384.7 | 383.4 | 382.4 | 381.4 | 381.0 | 380.4 | 379.1 |
| 12.5° | 399.7 | 399.3 | 396.7 | 395.7 | 395.0 | 392.3 | 390.4 | 389.4 | 388.0 | 386.4 | 384.4 |
| 15° | 411.0 | 409.6 | 407.6 | 406.6 | 405.6 | 402.6 | 400.0 | 397.6 | 396.0 | 393.7 | 390.7 |
| 17.5° | 418.6 | 417.3 | 416.3 | 415.9 | 415.9 | 413.3 | 411.0 | 408.0 | 404.3 | 400.0 | 395.0 |
| 20° | 420.2 | 420.2 | 420.6 | 422.6 | 424.6 | 423.6 | 420.9 | 417.3 | 412.0 | 405.0 | 397.3 |
| 22.5° | 417.9 | 419.2 | 422.3 | 427.2 | 431.5 | 431.9 | 429.2 | 423.9 | 414.9 | 405.0 | 393.7 |
| 25° | 413.9 | 417.6 | 423.9 | 430.9 | 436.9 | 436.9 | 432.2 | 424.6 | 412.3 | 398.0 | 383.0 |
| 27.5° | 412.0 | 419.2 | 428.2 | 435.5 | 439.5 | 437.2 | 428.9 | 417.9 | 401.0 | 382.7 | 365.4 |
| 30° | 414.3 | 425.6 | 435.2 | 440.2 | 440.8 | 433.2 | 418.9 | 402.6 | 382.7 | 360.8 | 343.2 |
| 32.5° | 422.9 | 436.5 | 443.8 | 444.8 | 440.2 | 425.9 | 403.6 | 381.0 | 358.8 | 338.5 | 320.6 |
| 35° | 440.5 | 452.1 | 454.8 | 450.8 | 439.2 | 415.3 | 383.4 | 356.8 | 336.9 | 317.6 | 299.0 |
| 37.5° | 469.1 | 474.4 | 469.4 | 457.8 | 435.9 | 402.3 | 364.8 | 338.8 | 317.6 | 298.7 | 278.1 |
| 40° | 509.6 | 503.6 | 489.4 | 466.4 | 432.2 | 388.0 | 350.1 | 324.2 | 300.6 | 279.7 | 259.1 |
| 42.5° | 560.1 | 539.2 | 509.6 | 476.4 | 428.2 | 378.7 | 339.5 | 309.6 | 283.7 | 260.5 | 238.9 |
| 45° | 616.6 | 577.7 | 537.5 | 487.7 | 426.9 | 373.1 | 326.9 | 291.7 | 261.4 | 238.2 | 216.9 |
| 47.5° | 674.1 | 618.6 | 565.8 | 500.0 | 428.6 | 363.1 | 307.6 | 268.1 | 236.5 | 213.9 | 194.0 |
| 50° | 732.2 | 664.4 | 598.6 | 515.9 | 427.6 | 342.8 | 281.4 | 241.2 | 212.0 | 191.7 | 173.8 |
| 52.5° | 790.7 | 713.2 | 632.5 | 530.2 | 414.3 | 310.9 | 252.5 | 218.3 | 190.0 | 170.4 | 152.8 |
| 55° | 848.1 | 760.8 | 665.8 | 534.5 | 375.7 | 277.4 | 228.2 | 195.4 | 167.4 | 147.5 | 128.2 |
| 57.5° | 902.6 | 803.6 | 689.0 | 509.3 | 328.2 | 251.1 | 206.6 | 174.4 | 144.9 | 121.9 | 103.0 |
| 60° | 970.4 | 844.5 | 695.7 | 448.2 | 290.3 | 229.2 | 187.0 | 150.2 | 116.9 | 92.7 | 75.4 |
| 62.5° | 1044.5 | 900.0 | 685.4 | 389.7 | 268.1 | 210.0 | 162.8 | 121.6 | 89.4 | 65.8 | 52.8 |
| 65° | 1099.0 | 922.9 | 633.2 | 358.5 | 254.2 | 191.0 | 136.9 | 94.3 | 61.8 | 45.2 | 40.2 |
| 67.5° | 1171.4 | 945.5 | 579.4 | 343.2 | 238.9 | 166.4 | 105.6 | 68.1 | 47.9 | 37.5 | 34.5 |
| 68° | 1166.4 | 939.2 | 568.1 | 339.2 | 234.2 | 157.8 | 99.7 | 66.8 | 46.5 | 36.6 | 33.5 |
| 70° | 1099.0 | 861.8 | 493.3 | 300.6 | 194.0 | 122.9 | 85.7 | 60.8 | 42.9 | 33.2 | 30.6 |
| 72.5° | 901.6 | 668.4 | 353.8 | 198.0 | 126.2 | 90.0 | 63.5 | 45.8 | 35.5 | 29.2 | 27.2 |
| 75° | 638.2 | 417.9 | 177.4 | 114.0 | 79.4 | 52.2 | 35.9 | 29.6 | 26.3 | 23.2 | 23.2 |
| 77.5° | 358.8 | 218.6 | 93.7 | 78.1 | 44.8 | 30.2 | 23.9 | 22.2 | 20.6 | 18.9 | 20.9 |
| 80° | 116.9 | 114.0 | 69.1 | 53.5 | 31.2 | 22.2 | 18.6 | 17.6 | 16.6 | 15.0 | 18.6 |
| 82.5° | 63.1 | 78.1 | 49.8 | 38.2 | 22.9 | 16.0 | 14.0 | 14.3 | 13.0 | 11.6 | 14.0 |
| 85° | 28.2 | 37.2 | 33.2 | 26.6 | 14.3 | 9.0 | 7.3 | 8.6 | 7.6 | 7.0 | 6.6 |
| 87.5° | 11.0 | 18.3 | 13.3 | 7.6 | 3.3 | 2.0 | 2.0 | 1.7 | 1.3 | 1.3 | 1.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P173283

CATALOG NUMBER: ENC-EXX-LED-E1-GZW-7060-CWB

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 363.8 | 363.8 | 363.8 | 363.8 | 363.8 |
| 2.5° | 363.8 | 363.8 | 363.5 | 363.1 | 362.5 |
| 5° | 368.4 | 368.4 | 368.1 | 367.8 | 367.1 |
| 7.5° | 373.4 | 373.1 | 372.7 | 372.4 | 371.7 |
| 10° | 378.7 | 378.1 | 378.1 | 378.4 | 378.1 |
| 12.5° | 384.0 | 383.0 | 382.0 | 381.7 | 382.7 |
| 15° | 389.4 | 387.3 | 385.7 | 385.4 | 385.4 |
| 17.5° | 392.3 | 389.0 | 386.0 | 385.1 | 385.1 |
| 20° | 391.7 | 385.7 | 381.7 | 379.7 | 380.1 |
| 22.5° | 385.4 | 377.1 | 371.7 | 369.1 | 368.1 |
| 25° | 372.1 | 362.1 | 355.5 | 351.8 | 352.2 |
| 27.5° | 352.2 | 341.5 | 334.2 | 332.2 | 330.2 |
| 30° | 328.6 | 317.9 | 310.6 | 306.3 | 306.6 |
| 32.5° | 305.3 | 293.7 | 287.0 | 282.1 | 281.4 |
| 35° | 283.0 | 270.4 | 262.4 | 258.8 | 258.1 |
| 37.5° | 261.1 | 247.8 | 240.5 | 237.2 | 234.9 |
| 40° | 240.8 | 228.9 | 220.3 | 215.3 | 214.3 |
| 42.5° | 220.9 | 207.3 | 198.7 | 195.0 | 194.0 |
| 45° | 198.3 | 185.4 | 177.7 | 174.7 | 174.1 |
| 47.5° | 178.1 | 165.8 | 159.5 | 155.5 | 154.1 |
| 50° | 158.5 | 146.8 | 139.5 | 135.9 | 135.2 |
| 52.5° | 137.9 | 126.2 | 118.6 | 115.6 | 113.0 |
| 55° | 115.3 | 103.0 | 95.3 | 90.0 | 88.0 |
| 57.5° | 89.0 | 78.1 | 70.1 | 66.4 | 62.8 |
| 60° | 63.8 | 54.2 | 47.9 | 44.8 | 42.2 |
| 62.5° | 45.2 | 38.9 | 34.9 | 31.9 | 30.2 |
| 65° | 37.2 | 34.2 | 29.9 | 27.2 | 25.9 |
| 67.5° | 32.9 | 29.9 | 26.6 | 24.2 | 23.2 |
| 68° | 32.2 | 29.2 | 25.9 | 23.6 | 22.9 |
| 70° | 29.6 | 26.6 | 23.6 | 21.9 | 21.3 |
| 72.5° | 26.3 | 23.9 | 21.3 | 19.6 | 18.9 |
| 75° | 22.6 | 20.3 | 18.6 | 17.3 | 16.3 |
| 77.5° | 19.9 | 16.6 | 16.0 | 14.6 | 14.0 |
| 80° | 16.6 | 15.0 | 13.6 | 12.6 | 11.9 |
| 82.5° | 13.6 | 11.3 | 9.6 | 8.6 | 8.3 |
| 85° | 7.6 | 7.0 | 5.6 | 4.3 | 4.0 |
| 87.5° | 0.7 | 0.3 | 0.3 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)