

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: P173394

Luminaire Tested: **ENC-FXX-LED-E1-GZW-7030-BBB**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P173394
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-FXX-LED-E1-GZW-7030-BBB
Description: ENTRI LED LUMINAIRE, EMERGENCY MODE
LIGHTBARS WITH AccuLED OPTICS - WALL GRAZER WIDE
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1359.6 lumens
Efficiency: N/A
Efficacy: 247.2 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

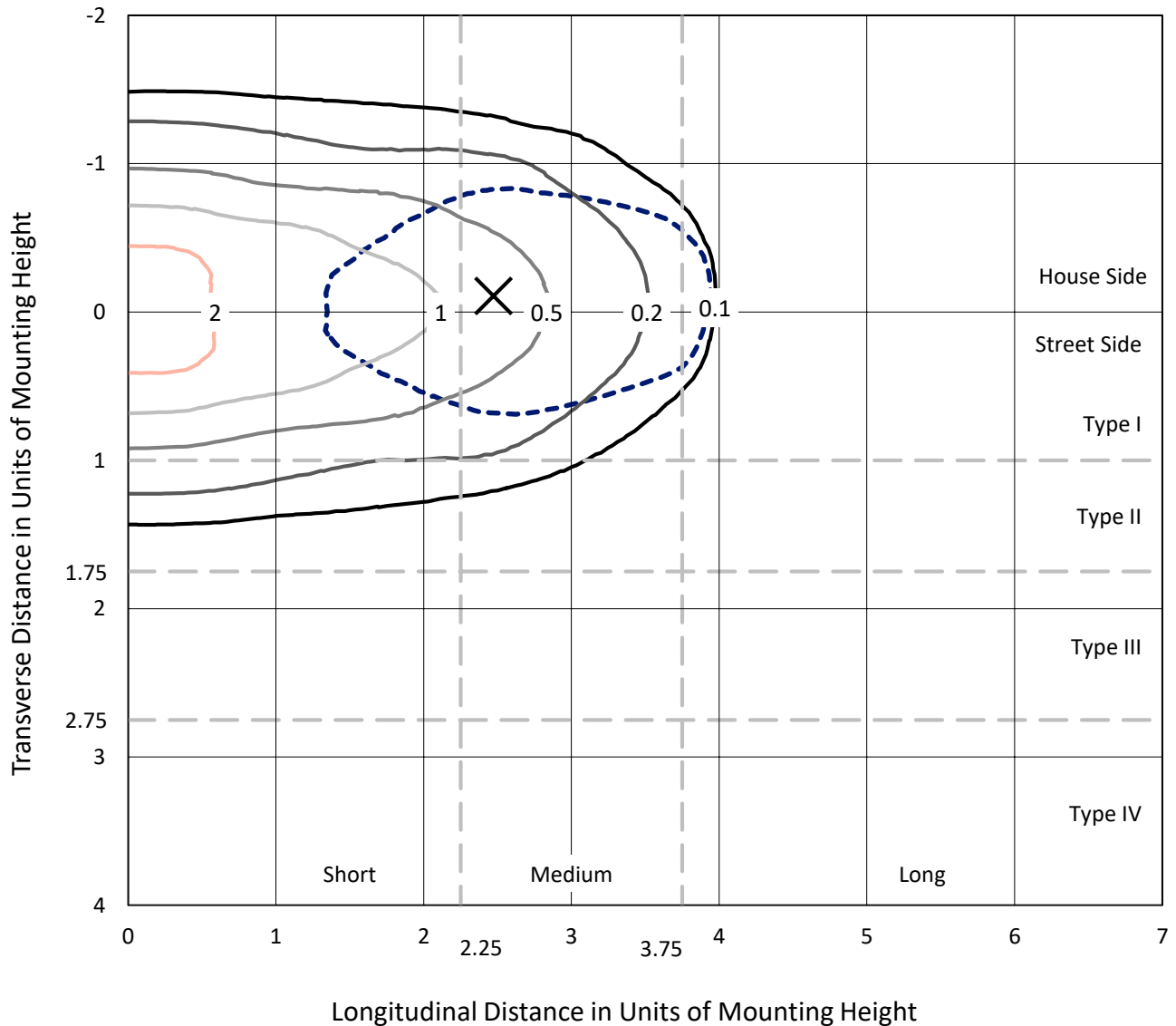
Input Watts (W): 5.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P173394
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Iso-Footcandle Lines of Horizontal Illumination

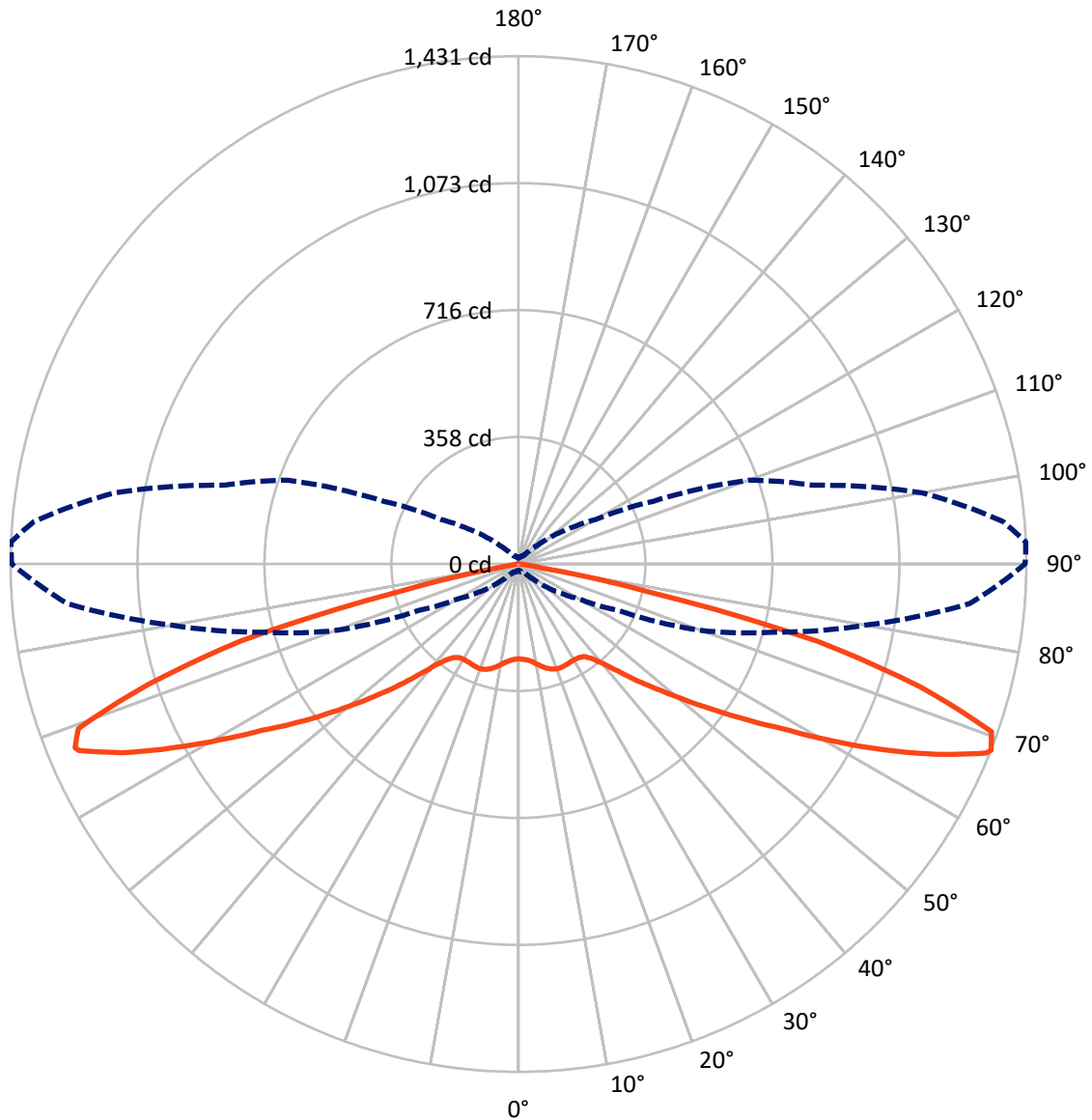
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.7 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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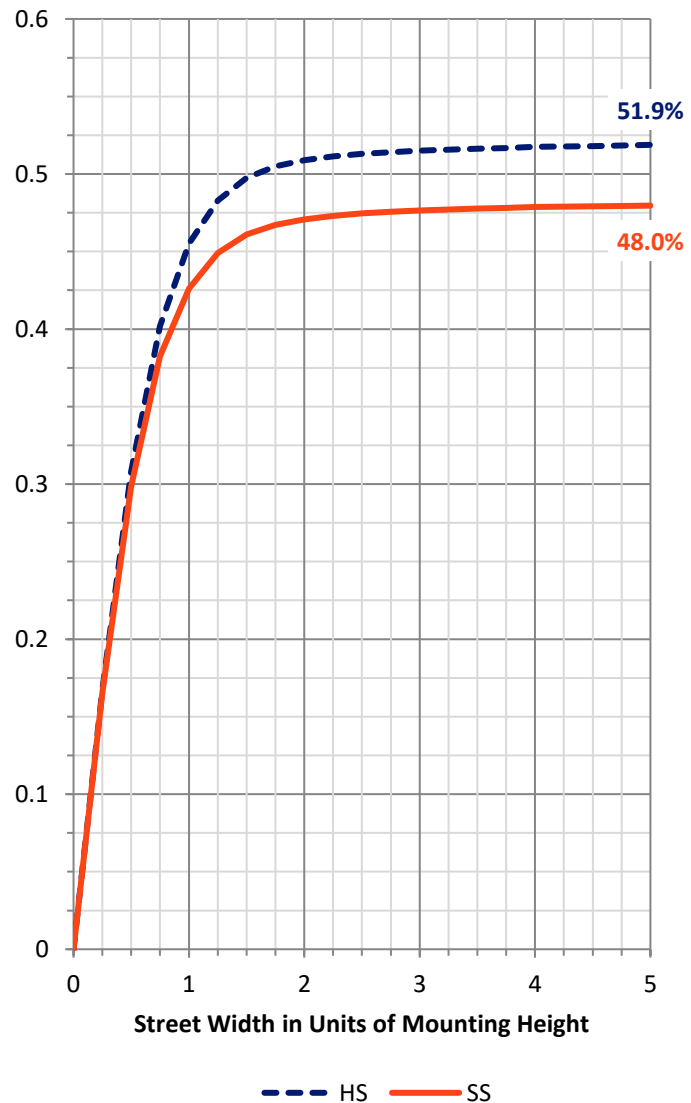
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 710.3 | 0.0 | 710.3 |
| | % Fixture | 52.2 | 0.0 | 52.2 |
| Street Side | Lumens | 649.4 | 0.0 | 649.4 |
| | % Fixture | 47.8 | 0.0 | 47.8 |
| Total | Lumens | 1359.6 | 0.0 | 1359.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 26.3 | 1.9 |
| 10°-20° | 83.1 | 6.1 |
| 20°-30° | 134.8 | 9.9 |
| 30°-40° | 167.6 | 12.3 |
| 40°-50° | 208.4 | 15.3 |
| 50°-60° | 256.3 | 18.9 |
| 60°-70° | 303.1 | 22.3 |
| 70°-80° | 169.7 | 12.5 |
| 80°-90° | 10.3 | 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° | 1359.6 | 100.0 |
| 0°-180° | 1359.6 | 100.0 |



REPORT NUMBER: P173394

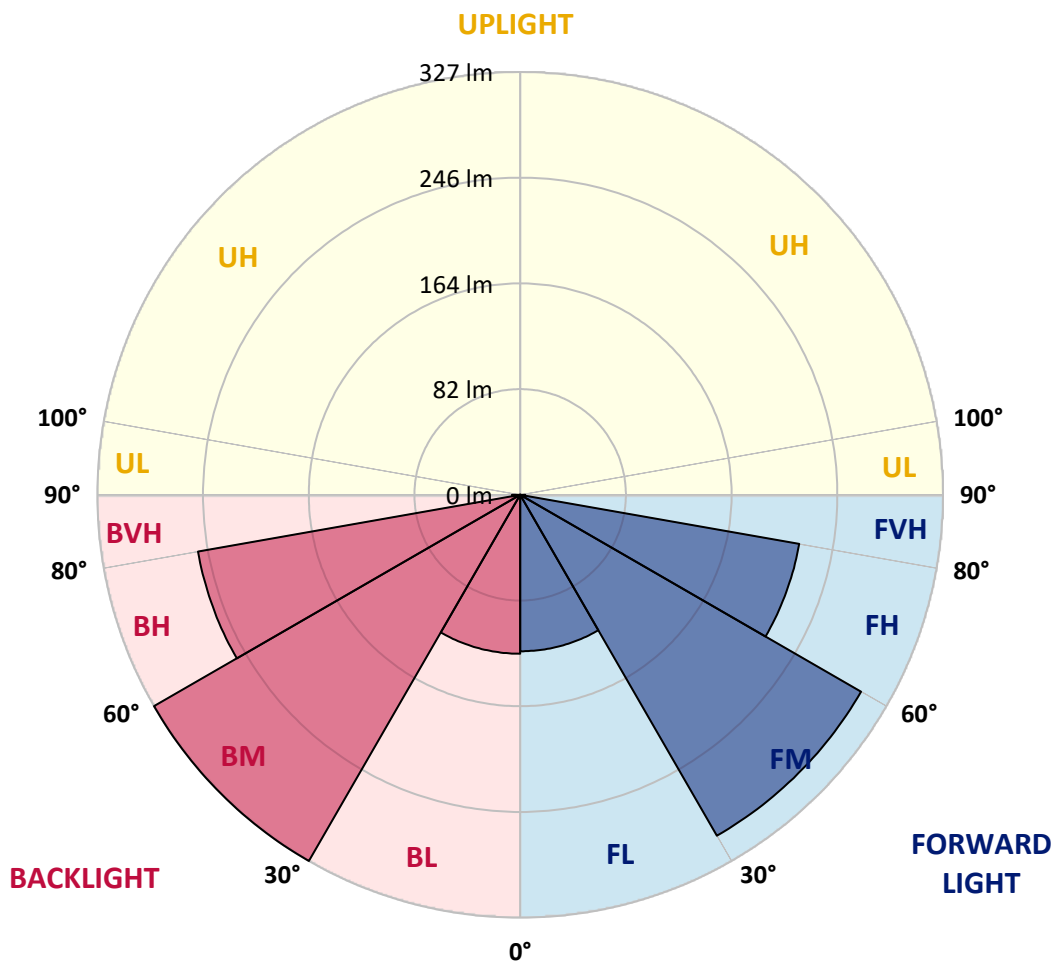
CATALOG NUMBER: ENC-FXX-LED-E1-GZW-7030-BBB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 121.2 | 8.9 | | | |
| FM | (30°-60°) | 304.9 | 22.4 | | | |
| FH | (60°-80°) | 219.4 | 16.1 | | | G0/660 |
| FVH | (80°-90°) | 3.9 | 0.3 | | | G0/10 |
| BL | (0°-30°) | 123.1 | 9.1 | B1/500 | | |
| BM | (30°-60°) | 327.5 | 24.1 | B1/1000 | | |
| BH | (60°-80°) | 253.4 | 18.6 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 6.4 | 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





REPORT NUMBER: P173394

CATALOG NUMBER: ENC-FXX-LED-E1-GZW-7030-BBB

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 |
| 2.5° | 268.5 | 268.5 | 268.5 | 268.8 | 269.0 | 269.5 | 269.3 | 269.8 | 269.0 | 270.0 | 270.0 |
| 5° | 271.7 | 271.9 | 272.2 | 272.2 | 272.7 | 272.9 | 272.7 | 273.4 | 272.7 | 273.6 | 273.9 |
| 7.5° | 274.6 | 274.6 | 274.9 | 275.1 | 275.6 | 276.1 | 276.3 | 277.1 | 276.8 | 277.8 | 278.8 |
| 10° | 276.8 | 276.6 | 276.8 | 277.3 | 278.5 | 279.3 | 280.2 | 281.2 | 281.7 | 282.7 | 284.1 |
| 12.5° | 277.8 | 277.6 | 278.3 | 279.5 | 280.7 | 282.2 | 283.6 | 285.8 | 287.3 | 288.8 | 291.0 |
| 15° | 277.3 | 277.3 | 278.3 | 279.8 | 282.2 | 284.9 | 287.6 | 290.5 | 293.2 | 296.3 | 298.5 |
| 17.5° | 272.7 | 273.2 | 274.6 | 277.1 | 280.7 | 284.9 | 289.3 | 294.2 | 298.5 | 302.9 | 305.9 |
| 20° | 264.4 | 264.9 | 267.6 | 270.5 | 275.4 | 281.5 | 288.3 | 295.4 | 302.2 | 308.1 | 312.2 |
| 22.5° | 254.1 | 253.6 | 256.1 | 260.0 | 266.6 | 273.9 | 282.7 | 293.2 | 302.5 | 310.7 | 316.6 |
| 25° | 238.3 | 238.3 | 240.9 | 245.8 | 252.9 | 261.9 | 272.7 | 286.1 | 298.5 | 309.3 | 317.6 |
| 27.5° | 221.4 | 221.6 | 225.1 | 229.2 | 237.3 | 245.8 | 258.3 | 273.9 | 289.0 | 303.2 | 315.4 |
| 30° | 204.6 | 205.3 | 208.2 | 212.4 | 220.9 | 230.0 | 242.7 | 258.0 | 274.4 | 292.0 | 308.5 |
| 32.5° | 187.2 | 188.2 | 190.7 | 195.5 | 204.8 | 214.8 | 227.8 | 241.4 | 257.1 | 276.3 | 297.8 |
| 35° | 170.9 | 171.6 | 173.6 | 179.4 | 188.9 | 199.7 | 214.1 | 227.3 | 243.1 | 261.0 | 284.7 |
| 37.5° | 155.5 | 156.2 | 158.4 | 164.5 | 174.1 | 184.8 | 199.0 | 213.8 | 230.2 | 247.8 | 271.2 |
| 40° | 138.9 | 140.6 | 143.5 | 149.4 | 158.2 | 170.4 | 184.8 | 200.4 | 217.8 | 237.8 | 261.7 |
| 42.5° | 123.8 | 125.2 | 127.9 | 133.0 | 141.8 | 154.8 | 169.9 | 186.0 | 204.8 | 227.5 | 254.6 |
| 45° | 109.9 | 111.1 | 113.8 | 118.4 | 127.7 | 137.9 | 151.6 | 168.5 | 188.0 | 214.1 | 247.0 |
| 47.5° | 96.4 | 97.6 | 100.6 | 106.2 | 113.8 | 123.8 | 136.0 | 150.9 | 168.9 | 195.5 | 232.7 |
| 50° | 83.0 | 84.2 | 87.2 | 92.8 | 100.1 | 109.9 | 121.1 | 134.5 | 152.3 | 175.3 | 211.6 |
| 52.5° | 68.3 | 69.6 | 72.5 | 78.1 | 85.2 | 94.5 | 105.9 | 119.9 | 136.5 | 158.2 | 188.2 |
| 55° | 52.5 | 54.2 | 56.9 | 61.5 | 69.1 | 78.4 | 89.8 | 105.0 | 121.8 | 143.0 | 170.9 |
| 57.5° | 37.8 | 39.0 | 42.2 | 45.9 | 52.3 | 62.0 | 72.3 | 87.9 | 106.7 | 128.4 | 156.0 |
| 60° | 27.6 | 28.8 | 31.0 | 33.9 | 38.3 | 45.4 | 54.4 | 69.1 | 89.8 | 114.3 | 142.6 |
| 62.5° | 23.0 | 23.9 | 26.1 | 29.0 | 31.5 | 34.9 | 40.3 | 51.5 | 71.8 | 98.9 | 128.7 |
| 65° | 20.3 | 21.0 | 23.0 | 25.9 | 27.8 | 29.3 | 31.5 | 39.0 | 55.7 | 82.3 | 115.0 |
| 67.5° | 18.1 | 18.8 | 20.3 | 22.7 | 24.9 | 25.6 | 26.8 | 32.0 | 43.7 | 66.9 | 100.6 |
| 68° | 17.8 | 18.6 | 19.8 | 22.0 | 24.2 | 24.9 | 26.1 | 31.2 | 42.5 | 63.7 | 96.7 |
| 70° | 16.6 | 17.1 | 18.3 | 20.0 | 21.7 | 22.2 | 23.7 | 28.8 | 39.8 | 55.7 | 78.4 |
| 72.5° | 15.1 | 15.4 | 16.1 | 17.6 | 19.3 | 19.5 | 21.0 | 25.2 | 31.2 | 41.0 | 58.3 |
| 75° | 12.7 | 13.0 | 13.9 | 15.1 | 16.1 | 16.6 | 17.1 | 19.0 | 21.2 | 25.4 | 34.4 |
| 77.5° | 9.8 | 10.3 | 11.0 | 11.7 | 13.2 | 13.7 | 13.2 | 14.6 | 15.6 | 17.3 | 21.0 |
| 80° | 5.9 | 5.9 | 6.6 | 7.3 | 8.1 | 9.3 | 8.8 | 10.3 | 11.0 | 11.9 | 14.1 |
| 82.5° | 1.0 | 1.2 | 1.2 | 1.7 | 2.2 | 2.7 | 2.9 | 3.7 | 4.6 | 5.6 | 7.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.7 |
| 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 |



REPORT NUMBER: P173394

CATALOG NUMBER: ENC-FXX-LED-E1-GZW-7030-BBB

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 92.5° | 95° | 100° |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 |
| 2.5° | 268.5 | 269.3 | 269.3 | 269.0 | 269.0 | 269.0 | 268.3 | 268.5 | 268.8 | 269.5 | 268.5 |
| 5° | 272.4 | 273.2 | 272.9 | 272.7 | 272.7 | 272.7 | 271.7 | 271.9 | 272.2 | 272.7 | 271.7 |
| 7.5° | 277.6 | 278.3 | 278.5 | 278.5 | 278.5 | 279.0 | 277.6 | 277.6 | 278.0 | 278.5 | 277.1 |
| 10° | 285.1 | 285.1 | 285.8 | 286.3 | 286.8 | 287.3 | 286.3 | 285.8 | 286.8 | 286.8 | 285.1 |
| 12.5° | 292.2 | 292.7 | 293.9 | 294.9 | 295.1 | 296.1 | 296.1 | 295.9 | 296.6 | 296.3 | 294.4 |
| 15° | 300.3 | 300.7 | 301.7 | 302.9 | 303.2 | 304.2 | 304.2 | 304.4 | 305.1 | 305.6 | 302.7 |
| 17.5° | 307.8 | 308.5 | 308.5 | 308.8 | 309.3 | 310.0 | 310.5 | 310.7 | 311.5 | 312.0 | 309.1 |
| 20° | 314.2 | 314.9 | 313.7 | 312.7 | 311.7 | 312.2 | 313.2 | 314.2 | 314.7 | 314.9 | 311.2 |
| 22.5° | 319.1 | 319.3 | 317.4 | 314.7 | 312.0 | 311.7 | 312.9 | 314.7 | 315.2 | 314.9 | 309.8 |
| 25° | 321.8 | 322.5 | 320.5 | 316.4 | 311.5 | 309.8 | 311.0 | 313.2 | 314.2 | 313.2 | 307.1 |
| 27.5° | 321.8 | 324.4 | 323.4 | 319.1 | 312.5 | 307.8 | 308.5 | 312.0 | 312.7 | 311.5 | 304.4 |
| 30° | 319.3 | 324.9 | 326.1 | 323.4 | 316.6 | 308.5 | 307.6 | 311.5 | 312.5 | 310.3 | 303.2 |
| 32.5° | 314.4 | 324.7 | 329.6 | 329.8 | 324.4 | 314.4 | 309.5 | 313.4 | 314.2 | 311.5 | 305.6 |
| 35° | 307.6 | 324.4 | 334.0 | 338.6 | 336.9 | 326.9 | 318.3 | 320.8 | 320.3 | 317.4 | 315.2 |
| 37.5° | 300.0 | 324.4 | 340.3 | 351.0 | 354.9 | 349.8 | 338.6 | 337.4 | 338.6 | 334.2 | 333.0 |
| 40° | 291.7 | 325.2 | 349.3 | 368.4 | 380.1 | 381.8 | 371.8 | 368.4 | 369.8 | 365.7 | 367.4 |
| 42.5° | 286.8 | 326.1 | 361.3 | 388.6 | 411.3 | 428.7 | 424.3 | 414.0 | 413.3 | 413.8 | 417.4 |
| 45° | 284.4 | 328.6 | 373.3 | 411.6 | 443.3 | 481.9 | 486.0 | 467.7 | 468.7 | 471.4 | 477.0 |
| 47.5° | 281.7 | 333.2 | 387.2 | 435.5 | 478.2 | 532.4 | 552.7 | 528.0 | 526.1 | 536.1 | 537.8 |
| 50° | 271.9 | 338.8 | 403.0 | 462.4 | 514.8 | 589.3 | 621.3 | 596.1 | 596.6 | 605.9 | 602.5 |
| 52.5° | 249.5 | 339.1 | 419.9 | 489.2 | 551.5 | 645.5 | 694.0 | 677.4 | 676.2 | 685.2 | 667.2 |
| 55° | 218.5 | 323.7 | 433.6 | 515.6 | 586.1 | 697.7 | 769.2 | 772.9 | 770.4 | 771.9 | 732.8 |
| 57.5° | 193.6 | 285.8 | 435.0 | 537.8 | 615.4 | 747.2 | 846.3 | 872.7 | 873.0 | 866.6 | 797.3 |
| 60° | 177.5 | 243.4 | 416.0 | 556.1 | 649.6 | 810.5 | 946.9 | 1006.0 | 1009.4 | 983.5 | 883.5 |
| 62.5° | 164.1 | 221.9 | 376.7 | 574.9 | 688.9 | 874.4 | 1055.3 | 1152.5 | 1152.7 | 1109.5 | 978.4 |
| 65° | 153.6 | 210.2 | 333.5 | 567.8 | 719.2 | 936.4 | 1170.0 | 1299.9 | 1293.6 | 1246.0 | 1068.5 |
| 67.5° | 141.8 | 199.7 | 313.4 | 556.8 | 745.0 | 993.8 | 1271.1 | 1420.2 | 1422.0 | 1363.4 | 1152.0 |
| 68° | 139.4 | 195.8 | 308.3 | 547.5 | 742.1 | 991.8 | 1276.5 | 1428.3 | 1431.3 | 1370.9 | 1155.6 |
| 70° | 120.1 | 170.9 | 268.3 | 478.2 | 689.4 | 938.9 | 1242.3 | 1405.6 | 1414.6 | 1347.3 | 1114.9 |
| 72.5° | 80.1 | 118.1 | 179.2 | 337.8 | 531.2 | 746.0 | 1017.0 | 1177.4 | 1184.9 | 1139.5 | 925.9 |
| 75° | 50.8 | 71.8 | 95.2 | 194.8 | 356.9 | 535.3 | 766.8 | 860.3 | 872.7 | 857.8 | 693.3 |
| 77.5° | 30.8 | 50.3 | 58.6 | 94.5 | 188.0 | 250.5 | 346.4 | 352.5 | 366.7 | 357.9 | 359.3 |
| 80° | 20.3 | 34.9 | 42.7 | 64.2 | 65.2 | 53.9 | 61.3 | 61.8 | 65.4 | 69.6 | 72.5 |
| 82.5° | 11.5 | 21.2 | 29.8 | 43.9 | 38.8 | 20.0 | 17.1 | 17.8 | 18.3 | 18.8 | 22.2 |
| 85° | 1.7 | 3.9 | 8.3 | 13.7 | 13.9 | 6.6 | 6.1 | 5.6 | 5.9 | 6.3 | 8.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.7 | 0.7 | 0.7 | 1.5 | 1.5 |
| 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: P173394

CATALOG NUMBER: ENC-FXX-LED-E1-GZW-7030-BBB

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 |
| 2.5° | 268.3 | 268.0 | 268.3 | 267.6 | 268.3 | 268.0 | 268.0 | 268.0 | 267.8 | 268.0 | 268.0 |
| 5° | 271.2 | 271.2 | 271.2 | 270.7 | 271.2 | 271.2 | 271.2 | 271.2 | 271.0 | 271.2 | 271.4 |
| 7.5° | 276.8 | 276.8 | 276.6 | 275.8 | 276.3 | 276.3 | 276.1 | 275.6 | 275.1 | 275.4 | 275.1 |
| 10° | 284.4 | 284.9 | 283.4 | 283.4 | 282.7 | 281.7 | 281.0 | 280.2 | 280.0 | 279.5 | 278.5 |
| 12.5° | 293.7 | 293.4 | 291.5 | 290.7 | 290.3 | 288.3 | 286.8 | 286.1 | 285.1 | 283.9 | 282.5 |
| 15° | 302.0 | 301.0 | 299.5 | 298.8 | 298.1 | 295.9 | 293.9 | 292.2 | 291.0 | 289.3 | 287.1 |
| 17.5° | 307.6 | 306.6 | 305.9 | 305.6 | 305.6 | 303.7 | 302.0 | 299.8 | 297.1 | 293.9 | 290.3 |
| 20° | 308.8 | 308.8 | 309.1 | 310.5 | 312.0 | 311.2 | 309.3 | 306.6 | 302.7 | 297.6 | 292.0 |
| 22.5° | 307.1 | 308.1 | 310.3 | 313.9 | 317.1 | 317.4 | 315.4 | 311.5 | 304.9 | 297.6 | 289.3 |
| 25° | 304.2 | 306.9 | 311.5 | 316.6 | 321.0 | 321.0 | 317.6 | 312.0 | 302.9 | 292.5 | 281.5 |
| 27.5° | 302.7 | 308.1 | 314.7 | 320.0 | 323.0 | 321.3 | 315.2 | 307.1 | 294.7 | 281.2 | 268.5 |
| 30° | 304.4 | 312.7 | 319.8 | 323.4 | 323.9 | 318.3 | 307.8 | 295.9 | 281.2 | 265.1 | 252.2 |
| 32.5° | 310.7 | 320.8 | 326.1 | 326.9 | 323.4 | 312.9 | 296.6 | 280.0 | 263.6 | 248.7 | 235.6 |
| 35° | 323.7 | 332.2 | 334.2 | 331.3 | 322.7 | 305.1 | 281.7 | 262.2 | 247.5 | 233.4 | 219.7 |
| 37.5° | 344.7 | 348.6 | 344.9 | 336.4 | 320.3 | 295.6 | 268.0 | 249.0 | 233.4 | 219.4 | 204.3 |
| 40° | 374.5 | 370.1 | 359.6 | 342.7 | 317.6 | 285.1 | 257.3 | 238.3 | 220.9 | 205.6 | 190.4 |
| 42.5° | 411.6 | 396.2 | 374.5 | 350.1 | 314.7 | 278.3 | 249.5 | 227.5 | 208.5 | 191.4 | 175.5 |
| 45° | 453.1 | 424.5 | 395.0 | 358.4 | 313.7 | 274.1 | 240.2 | 214.3 | 192.1 | 175.0 | 159.4 |
| 47.5° | 495.3 | 454.5 | 415.7 | 367.4 | 314.9 | 266.8 | 226.1 | 197.0 | 173.8 | 157.2 | 142.6 |
| 50° | 538.0 | 488.2 | 439.9 | 379.1 | 314.2 | 251.9 | 206.8 | 177.2 | 155.7 | 140.9 | 127.7 |
| 52.5° | 581.0 | 524.1 | 464.8 | 389.6 | 304.4 | 228.5 | 185.5 | 160.4 | 139.6 | 125.2 | 112.3 |
| 55° | 623.2 | 559.0 | 489.2 | 392.8 | 276.1 | 203.8 | 167.7 | 143.5 | 123.0 | 108.4 | 94.2 |
| 57.5° | 663.3 | 590.5 | 506.3 | 374.2 | 241.2 | 184.5 | 151.8 | 128.1 | 106.4 | 89.6 | 75.7 |
| 60° | 713.1 | 620.6 | 511.2 | 329.3 | 213.4 | 168.5 | 137.4 | 110.3 | 85.9 | 68.1 | 55.4 |
| 62.5° | 767.5 | 661.3 | 503.6 | 286.3 | 197.0 | 154.3 | 119.6 | 89.4 | 65.7 | 48.3 | 38.8 |
| 65° | 807.5 | 678.2 | 465.3 | 263.4 | 186.7 | 140.4 | 100.6 | 69.3 | 45.4 | 33.2 | 29.5 |
| 67.5° | 860.8 | 694.8 | 425.7 | 252.2 | 175.5 | 122.3 | 77.6 | 50.1 | 35.2 | 27.6 | 25.4 |
| 68° | 857.1 | 690.1 | 417.4 | 249.2 | 172.1 | 115.9 | 73.2 | 49.1 | 34.2 | 26.8 | 24.7 |
| 70° | 807.5 | 633.2 | 362.5 | 220.9 | 142.6 | 90.3 | 63.0 | 44.7 | 31.5 | 24.4 | 22.5 |
| 72.5° | 662.5 | 491.1 | 260.0 | 145.5 | 92.8 | 66.1 | 46.6 | 33.7 | 26.1 | 21.5 | 20.0 |
| 75° | 468.9 | 307.1 | 130.3 | 83.7 | 58.3 | 38.3 | 26.4 | 21.7 | 19.3 | 17.1 | 17.1 |
| 77.5° | 263.6 | 160.6 | 68.8 | 57.4 | 33.0 | 22.2 | 17.6 | 16.3 | 15.1 | 13.9 | 15.4 |
| 80° | 85.9 | 83.7 | 50.8 | 39.3 | 23.0 | 16.3 | 13.7 | 13.0 | 12.2 | 11.0 | 13.7 |
| 82.5° | 46.4 | 57.4 | 36.6 | 28.1 | 16.8 | 11.7 | 10.3 | 10.5 | 9.5 | 8.5 | 10.3 |
| 85° | 20.8 | 27.3 | 24.4 | 19.5 | 10.5 | 6.6 | 5.4 | 6.3 | 5.6 | 5.1 | 4.9 |
| 87.5° | 8.1 | 13.4 | 9.8 | 5.6 | 2.4 | 1.5 | 1.5 | 1.2 | 1.0 | 1.0 | 0.7 |
| 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: P173394

CATALOG NUMBER: ENC-FXX-LED-E1-GZW-7030-BBB

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 267.3 | 267.3 | 267.3 | 267.3 | 267.3 |
| 2.5° | 267.3 | 267.3 | 267.1 | 266.8 | 266.3 |
| 5° | 270.7 | 270.7 | 270.5 | 270.2 | 269.8 |
| 7.5° | 274.4 | 274.1 | 273.9 | 273.6 | 273.2 |
| 10° | 278.3 | 277.8 | 277.8 | 278.0 | 277.8 |
| 12.5° | 282.2 | 281.5 | 280.7 | 280.5 | 281.2 |
| 15° | 286.1 | 284.7 | 283.4 | 283.2 | 283.2 |
| 17.5° | 288.3 | 285.8 | 283.6 | 282.9 | 282.9 |
| 20° | 287.8 | 283.4 | 280.5 | 279.0 | 279.3 |
| 22.5° | 283.2 | 277.1 | 273.2 | 271.2 | 270.5 |
| 25° | 273.4 | 266.1 | 261.2 | 258.5 | 258.8 |
| 27.5° | 258.8 | 250.9 | 245.6 | 244.1 | 242.7 |
| 30° | 241.4 | 233.6 | 228.3 | 225.1 | 225.3 |
| 32.5° | 224.3 | 215.8 | 210.9 | 207.2 | 206.8 |
| 35° | 208.0 | 198.7 | 192.9 | 190.2 | 189.7 |
| 37.5° | 191.9 | 182.1 | 176.7 | 174.3 | 172.6 |
| 40° | 177.0 | 168.2 | 161.8 | 158.2 | 157.4 |
| 42.5° | 162.3 | 152.3 | 146.0 | 143.3 | 142.6 |
| 45° | 145.7 | 136.2 | 130.6 | 128.4 | 127.9 |
| 47.5° | 130.8 | 121.8 | 117.2 | 114.3 | 113.3 |
| 50° | 116.5 | 107.9 | 102.5 | 99.8 | 99.4 |
| 52.5° | 101.3 | 92.8 | 87.2 | 85.0 | 83.0 |
| 55° | 84.7 | 75.7 | 70.1 | 66.1 | 64.7 |
| 57.5° | 65.4 | 57.4 | 51.5 | 48.8 | 46.1 |
| 60° | 46.9 | 39.8 | 35.2 | 33.0 | 31.0 |
| 62.5° | 33.2 | 28.6 | 25.6 | 23.4 | 22.2 |
| 65° | 27.3 | 25.2 | 22.0 | 20.0 | 19.0 |
| 67.5° | 24.2 | 22.0 | 19.5 | 17.8 | 17.1 |
| 68° | 23.7 | 21.5 | 19.0 | 17.3 | 16.8 |
| 70° | 21.7 | 19.5 | 17.3 | 16.1 | 15.6 |
| 72.5° | 19.3 | 17.6 | 15.6 | 14.4 | 13.9 |
| 75° | 16.6 | 14.9 | 13.7 | 12.7 | 11.9 |
| 77.5° | 14.6 | 12.2 | 11.7 | 10.7 | 10.3 |
| 80° | 12.2 | 11.0 | 10.0 | 9.3 | 8.8 |
| 82.5° | 10.0 | 8.3 | 7.1 | 6.3 | 6.1 |
| 85° | 5.6 | 5.1 | 4.1 | 3.2 | 2.9 |
| 87.5° | 0.5 | 0.3 | 0.3 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)