

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: P173293

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P173293
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT
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-ULG-CWB
Description: ENTRI LED LUMINAIRE WITH UPLIGHT, EMERGENCY MODE
LIGHTBARS WITH AccuLED OPTICS - WALL GRAZER WIDE
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1905.4 lumens
Efficiency: N/A
Efficacy: 346.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type I - Short - Cutoff
BUG Rating: B1 - U3 - G1

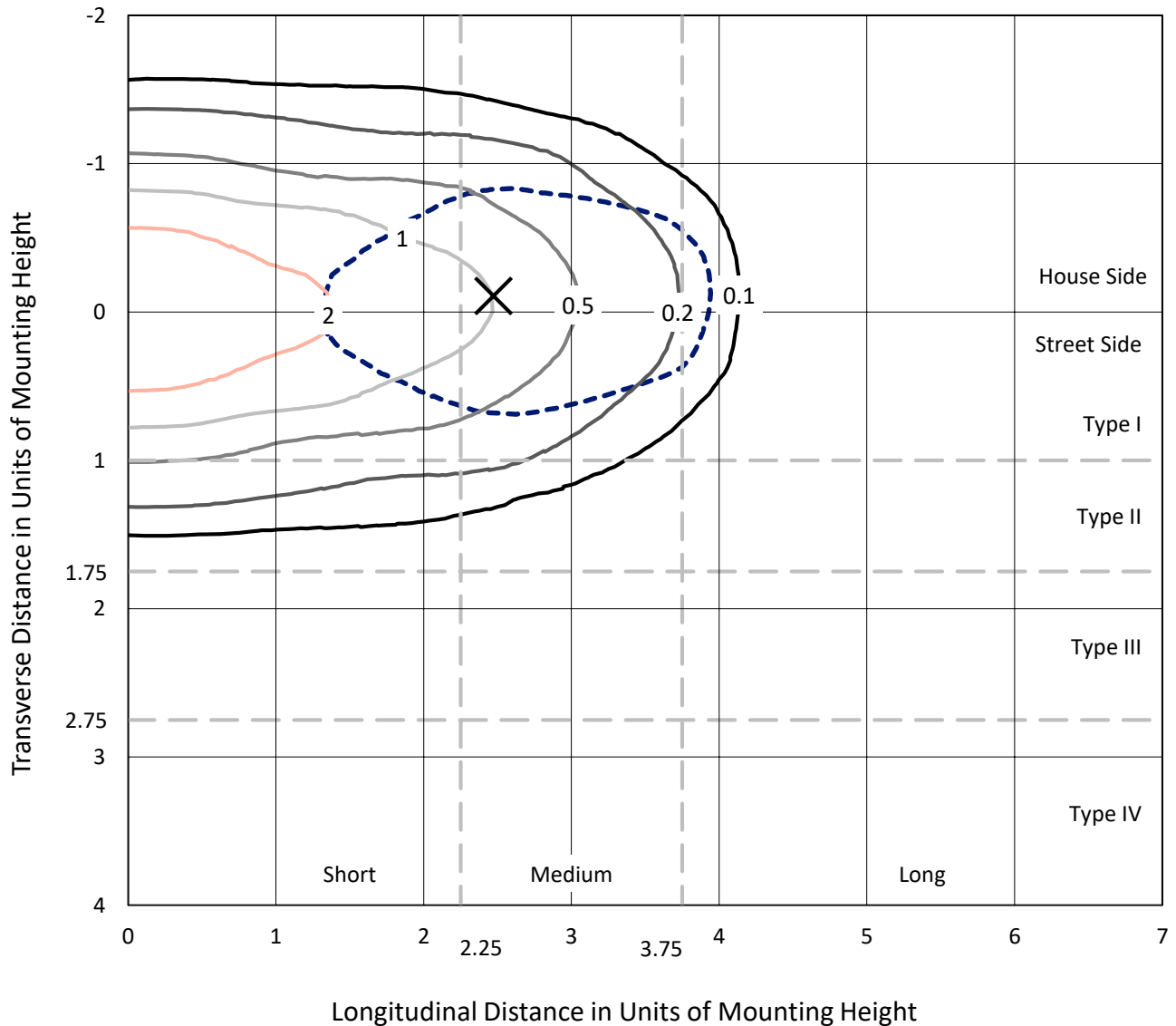
Input Watts (W): 5.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P173293
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Iso-Footcandle Lines of Horizontal Illumination

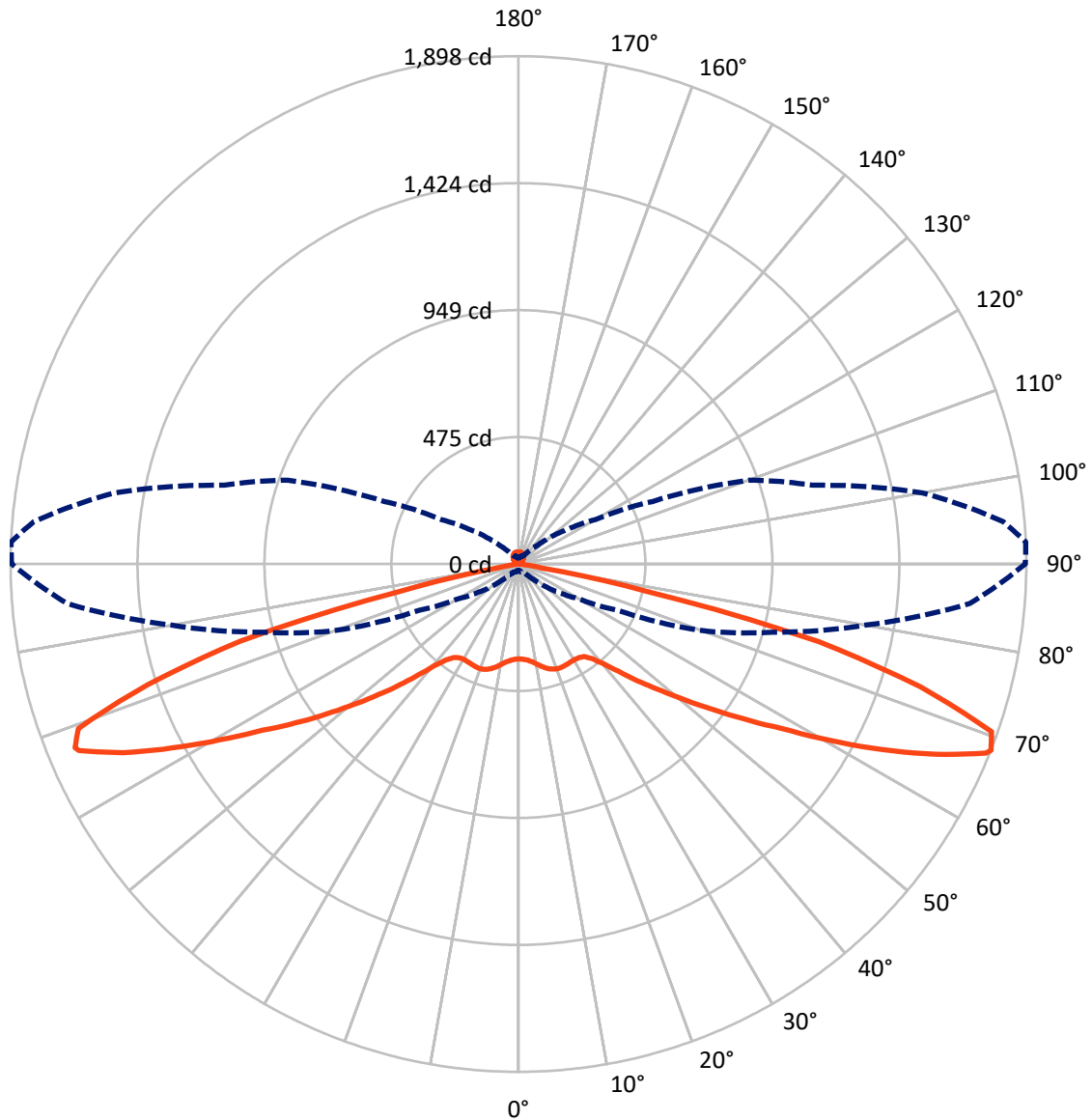
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
 Type I - Short - 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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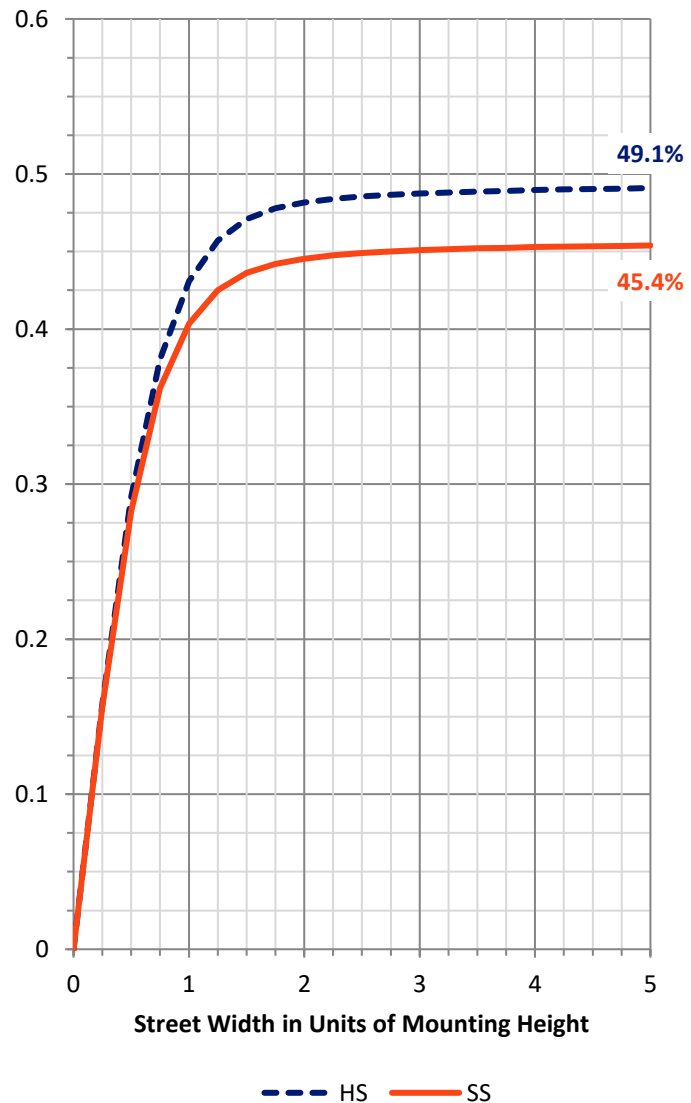
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 942.0 | 51.1 | 993.1 |
| | % Fixture | 49.4 | 2.7 | 52.1 |
| Street Side | Lumens | 861.2 | 51.1 | 912.3 |
| | % Fixture | 45.2 | 2.7 | 47.9 |
| Total | Lumens | 1803.2 | 102.1 | 1905.4 |
| | % Fixture | 94.6 | 5.4 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 34.8 | 1.8 |
| 10°-20° | 110.3 | 5.8 |
| 20°-30° | 178.8 | 9.4 |
| 30°-40° | 222.3 | 11.7 |
| 40°-50° | 276.4 | 14.5 |
| 50°-60° | 340.0 | 17.8 |
| 60°-70° | 401.9 | 21.1 |
| 70°-80° | 225.1 | 11.8 |
| 80°-90° | 13.7 | 0.7 |
| 90°-100° | 0.4 | 0.0 |
| 100°-110° | 4.0 | 0.2 |
| 110°-120° | 8.2 | 0.4 |
| 120°-130° | 13.9 | 0.7 |
| 130°-140° | 19.4 | 1.0 |
| 140°-150° | 21.2 | 1.1 |
| 150°-160° | 18.4 | 1.0 |
| 160°-170° | 12.4 | 0.6 |
| 170°-180° | 4.3 | 0.2 |
| 0°-90° | 1803.2 | 94.6 |
| 0°-180° | 1905.4 | 100.0 |



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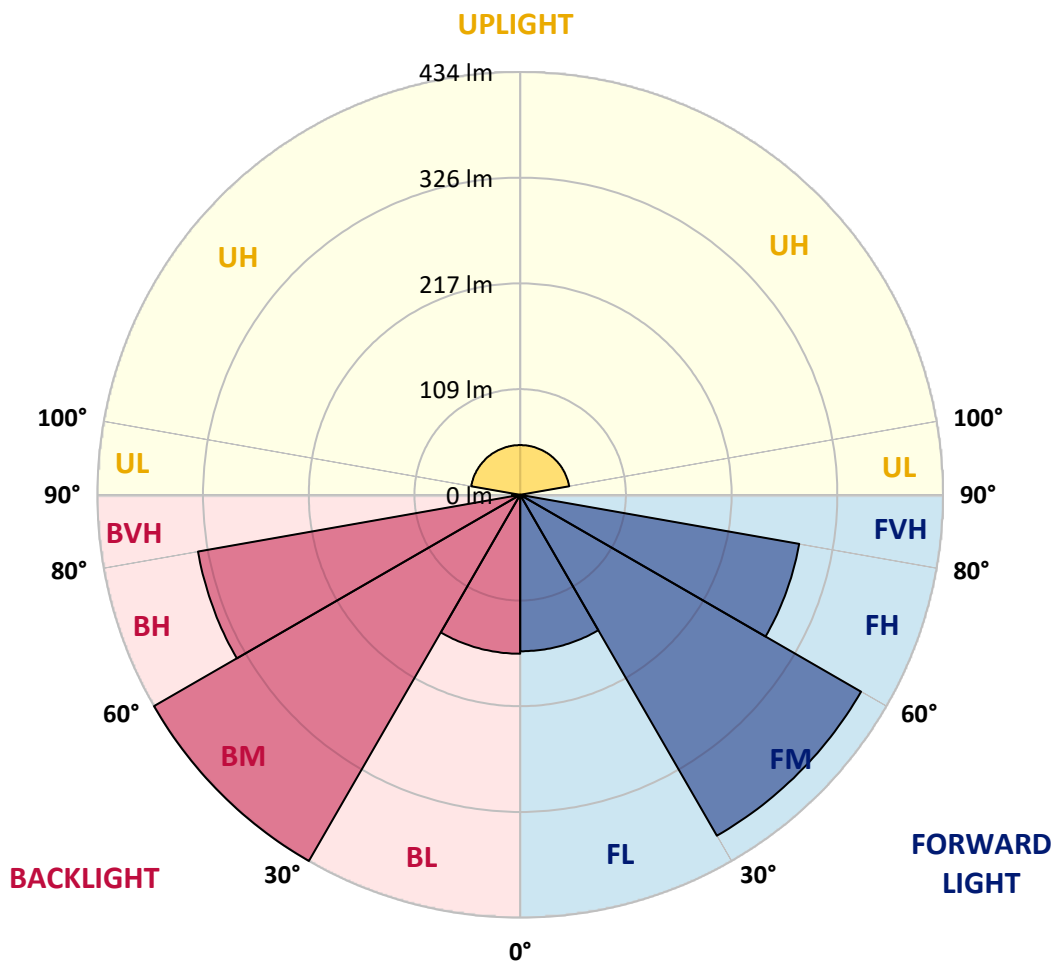
CATALOG NUMBER: ENC-EXX-LED-E1-GZW-ULG-CWB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|--------|
| | | | B | U | G |
| FL (0°-30°) | 160.7 | 8.4 | | | |
| FM (30°-60°) | 404.3 | 21.2 | | | |
| FH (60°-80°) | 291.0 | 15.3 | | | G0/660 |
| FVH (80°-90°) | 5.2 | 0.3 | | | G0/10 |
| BL (0°-30°) | 163.2 | 8.6 | B1/500 | | |
| BM (30°-60°) | 434.3 | 22.8 | B1/1000 | | |
| BH (60°-80°) | 336.0 | 17.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 8.5 | 0.4 | | | G0/10 |
| UL (90°-100°) | 0.4 | 0.0 | | U1/10 | |
| UH (100°-180°) | 51.1 | 2.7 | | U3/500 | |

BUG Rating: B1-U3-G1

Type I Short





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

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 |
| 2.5° | 356.1 | 356.1 | 356.1 | 356.5 | 356.8 | 357.4 | 357.1 | 357.8 | 356.8 | 358.1 | 358.1 |
| 5° | 360.3 | 360.7 | 361.0 | 361.0 | 361.6 | 362.0 | 361.6 | 362.6 | 361.6 | 362.9 | 363.3 |
| 7.5° | 364.2 | 364.2 | 364.6 | 364.9 | 365.5 | 366.2 | 366.5 | 367.5 | 367.1 | 368.4 | 369.7 |
| 10° | 367.1 | 366.8 | 367.1 | 367.8 | 369.4 | 370.4 | 371.7 | 373.0 | 373.6 | 374.9 | 376.9 |
| 12.5° | 368.4 | 368.1 | 369.1 | 370.7 | 372.3 | 374.3 | 376.2 | 379.1 | 381.1 | 383.0 | 385.9 |
| 15° | 367.8 | 367.8 | 369.1 | 371.0 | 374.3 | 377.8 | 381.4 | 385.3 | 388.8 | 393.0 | 396.0 |
| 17.5° | 361.6 | 362.3 | 364.2 | 367.5 | 372.3 | 377.8 | 383.7 | 390.1 | 396.0 | 401.8 | 405.7 |
| 20° | 350.6 | 351.3 | 354.8 | 358.7 | 365.2 | 373.3 | 382.4 | 391.8 | 400.8 | 408.6 | 414.1 |
| 22.5° | 337.0 | 336.4 | 339.6 | 344.8 | 353.5 | 363.3 | 374.9 | 388.8 | 401.1 | 412.1 | 419.9 |
| 25° | 316.0 | 316.0 | 319.6 | 326.0 | 335.4 | 347.4 | 361.6 | 379.4 | 396.0 | 410.2 | 421.2 |
| 27.5° | 293.7 | 294.0 | 298.5 | 304.0 | 314.7 | 326.0 | 342.5 | 363.3 | 383.3 | 402.1 | 418.3 |
| 30° | 271.3 | 272.3 | 276.2 | 281.7 | 293.0 | 305.0 | 321.8 | 342.2 | 363.9 | 387.2 | 409.2 |
| 32.5° | 248.3 | 249.6 | 252.9 | 259.3 | 271.6 | 284.9 | 302.1 | 320.2 | 340.9 | 366.5 | 395.0 |
| 35° | 226.6 | 227.6 | 230.2 | 238.0 | 250.6 | 264.8 | 283.9 | 301.4 | 322.5 | 346.1 | 377.5 |
| 37.5° | 206.2 | 207.2 | 210.1 | 218.2 | 230.8 | 245.1 | 263.9 | 283.6 | 305.3 | 328.6 | 359.7 |
| 40° | 184.2 | 186.5 | 190.4 | 198.1 | 209.8 | 226.0 | 245.1 | 265.8 | 288.8 | 315.3 | 347.1 |
| 42.5° | 164.1 | 166.1 | 169.7 | 176.5 | 188.1 | 205.3 | 225.3 | 246.7 | 271.6 | 301.7 | 337.7 |
| 45° | 145.7 | 147.3 | 150.9 | 157.0 | 169.3 | 182.9 | 201.1 | 223.4 | 249.3 | 283.9 | 327.6 |
| 47.5° | 127.9 | 129.5 | 133.4 | 140.8 | 150.9 | 164.1 | 180.3 | 200.1 | 224.0 | 259.3 | 308.5 |
| 50° | 110.1 | 111.7 | 115.6 | 123.0 | 132.7 | 145.7 | 160.6 | 178.4 | 202.0 | 232.5 | 280.7 |
| 52.5° | 90.7 | 92.3 | 96.2 | 103.6 | 113.0 | 125.3 | 140.5 | 159.0 | 181.0 | 209.8 | 249.6 |
| 55° | 69.6 | 71.9 | 75.4 | 81.6 | 91.6 | 103.9 | 119.1 | 139.2 | 161.6 | 189.7 | 226.6 |
| 57.5° | 50.2 | 51.8 | 56.0 | 60.9 | 69.3 | 82.2 | 95.8 | 116.6 | 141.5 | 170.3 | 206.9 |
| 60° | 36.6 | 38.2 | 41.1 | 45.0 | 50.8 | 60.2 | 72.2 | 91.6 | 119.1 | 151.5 | 189.1 |
| 62.5° | 30.4 | 31.7 | 34.6 | 38.5 | 41.8 | 46.3 | 53.4 | 68.3 | 95.2 | 131.1 | 170.6 |
| 65° | 26.9 | 27.8 | 30.4 | 34.3 | 36.9 | 38.9 | 41.8 | 51.8 | 73.8 | 109.1 | 152.5 |
| 67.5° | 24.0 | 24.9 | 26.9 | 30.1 | 33.0 | 34.0 | 35.6 | 42.4 | 58.0 | 88.7 | 133.4 |
| 68° | 23.6 | 24.6 | 26.2 | 29.1 | 32.1 | 33.0 | 34.6 | 41.4 | 56.3 | 84.5 | 128.2 |
| 70° | 22.0 | 22.7 | 24.3 | 26.5 | 28.8 | 29.5 | 31.4 | 38.2 | 52.8 | 73.8 | 103.9 |
| 72.5° | 20.1 | 20.4 | 21.4 | 23.3 | 25.6 | 25.9 | 27.8 | 33.3 | 41.4 | 54.4 | 77.4 |
| 75° | 16.8 | 17.2 | 18.5 | 20.1 | 21.4 | 22.0 | 22.7 | 25.3 | 28.2 | 33.7 | 45.7 |
| 77.5° | 13.0 | 13.6 | 14.6 | 15.5 | 17.5 | 18.1 | 17.5 | 19.4 | 20.7 | 23.0 | 27.8 |
| 80° | 7.8 | 7.8 | 8.7 | 9.7 | 10.7 | 12.3 | 11.7 | 13.6 | 14.6 | 15.9 | 18.8 |
| 82.5° | 1.3 | 1.6 | 1.6 | 2.3 | 2.9 | 3.6 | 3.9 | 4.9 | 6.2 | 7.4 | 10.0 |
| 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 97.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 100° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 102.5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 105° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 107.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |



REPORT NUMBER: P173293

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

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| 112.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 115° | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 117.5° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 120° | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 125° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 130° | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 135° | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 140° | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 145° | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 150° | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 155° | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 160° | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 165° | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 170° | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 175° | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 180° | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |



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

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 92.5° | 95° | 100° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 |
| 2.5° | 356.1 | 357.1 | 357.1 | 356.8 | 356.8 | 356.8 | 355.8 | 356.1 | 356.5 | 357.4 | 356.1 |
| 5° | 361.3 | 362.3 | 362.0 | 361.6 | 361.6 | 361.6 | 360.3 | 360.7 | 361.0 | 361.6 | 360.3 |
| 7.5° | 368.1 | 369.1 | 369.4 | 369.4 | 369.4 | 370.1 | 368.1 | 368.1 | 368.8 | 369.4 | 367.5 |
| 10° | 378.2 | 378.2 | 379.1 | 379.8 | 380.4 | 381.1 | 379.8 | 379.1 | 380.4 | 380.4 | 378.2 |
| 12.5° | 387.5 | 388.2 | 389.8 | 391.1 | 391.4 | 392.7 | 392.7 | 392.4 | 393.4 | 393.0 | 390.5 |
| 15° | 398.2 | 398.9 | 400.2 | 401.8 | 402.1 | 403.4 | 403.4 | 403.7 | 404.7 | 405.4 | 401.5 |
| 17.5° | 408.3 | 409.2 | 409.2 | 409.6 | 410.2 | 411.2 | 411.8 | 412.1 | 413.1 | 413.8 | 409.9 |
| 20° | 416.7 | 417.7 | 416.0 | 414.7 | 413.4 | 414.1 | 415.4 | 416.7 | 417.3 | 417.7 | 412.8 |
| 22.5° | 423.2 | 423.5 | 420.9 | 417.3 | 413.8 | 413.4 | 415.1 | 417.3 | 418.0 | 417.7 | 410.9 |
| 25° | 426.7 | 427.7 | 425.1 | 419.6 | 413.1 | 410.9 | 412.5 | 415.4 | 416.7 | 415.4 | 407.3 |
| 27.5° | 426.7 | 430.3 | 429.0 | 423.2 | 414.4 | 408.3 | 409.2 | 413.8 | 414.7 | 413.1 | 403.7 |
| 30° | 423.5 | 430.9 | 432.5 | 429.0 | 419.9 | 409.2 | 407.9 | 413.1 | 414.4 | 411.5 | 402.1 |
| 32.5° | 417.0 | 430.6 | 437.1 | 437.4 | 430.3 | 417.0 | 410.5 | 415.7 | 416.7 | 413.1 | 405.4 |
| 35° | 407.9 | 430.3 | 442.9 | 449.1 | 446.8 | 433.5 | 422.2 | 425.4 | 424.8 | 420.9 | 418.0 |
| 37.5° | 397.9 | 430.3 | 451.3 | 465.6 | 470.8 | 464.0 | 449.1 | 447.4 | 449.1 | 443.2 | 441.6 |
| 40° | 386.9 | 431.3 | 463.3 | 488.6 | 504.1 | 506.4 | 493.1 | 488.6 | 490.5 | 485.0 | 487.3 |
| 42.5° | 380.4 | 432.5 | 479.2 | 515.4 | 545.5 | 568.5 | 562.7 | 549.1 | 548.1 | 548.8 | 553.6 |
| 45° | 377.2 | 435.8 | 495.0 | 545.9 | 588.0 | 639.1 | 644.6 | 620.3 | 621.6 | 625.2 | 632.6 |
| 47.5° | 373.6 | 441.9 | 513.5 | 577.6 | 634.3 | 706.1 | 733.0 | 700.3 | 697.7 | 711.0 | 713.2 |
| 50° | 360.7 | 449.4 | 534.5 | 613.2 | 682.8 | 781.6 | 824.0 | 790.6 | 791.3 | 803.6 | 799.0 |
| 52.5° | 330.9 | 449.7 | 556.9 | 648.8 | 731.4 | 856.0 | 920.5 | 898.4 | 896.8 | 908.8 | 884.8 |
| 55° | 289.8 | 429.3 | 575.0 | 683.8 | 777.4 | 925.3 | 1020.2 | 1025.0 | 1021.8 | 1023.7 | 971.9 |
| 57.5° | 256.7 | 379.1 | 576.9 | 713.2 | 816.2 | 991.0 | 1122.5 | 1157.5 | 1157.8 | 1149.4 | 1057.4 |
| 60° | 235.4 | 322.8 | 551.7 | 737.5 | 861.5 | 1074.9 | 1255.9 | 1334.2 | 1338.8 | 1304.4 | 1171.7 |
| 62.5° | 217.6 | 294.3 | 499.6 | 762.5 | 913.7 | 1159.7 | 1399.6 | 1528.5 | 1528.8 | 1471.5 | 1297.6 |
| 65° | 203.6 | 278.8 | 442.3 | 753.1 | 953.8 | 1242.0 | 1551.8 | 1724.0 | 1715.6 | 1652.5 | 1417.1 |
| 67.5° | 188.1 | 264.8 | 415.7 | 738.5 | 988.1 | 1318.0 | 1685.8 | 1883.6 | 1885.9 | 1808.2 | 1527.8 |
| 68° | 184.9 | 259.7 | 408.9 | 726.2 | 984.2 | 1315.4 | 1693.0 | 1894.3 | 1898.2 | 1818.2 | 1532.7 |
| 70° | 159.3 | 226.6 | 355.8 | 634.3 | 914.3 | 1245.2 | 1647.6 | 1864.2 | 1876.2 | 1786.8 | 1478.6 |
| 72.5° | 106.2 | 156.7 | 237.6 | 448.1 | 704.5 | 989.4 | 1348.8 | 1561.5 | 1571.5 | 1511.3 | 1228.0 |
| 75° | 67.3 | 95.2 | 126.3 | 258.4 | 473.3 | 710.0 | 1016.9 | 1140.9 | 1157.5 | 1137.7 | 919.5 |
| 77.5° | 40.8 | 66.7 | 77.7 | 125.3 | 249.3 | 332.2 | 459.4 | 467.5 | 486.3 | 474.6 | 476.6 |
| 80° | 26.9 | 46.3 | 56.7 | 85.1 | 86.4 | 71.6 | 81.3 | 81.9 | 86.8 | 92.3 | 96.2 |
| 82.5° | 15.2 | 28.2 | 39.5 | 58.3 | 51.5 | 26.5 | 22.7 | 23.6 | 24.3 | 24.9 | 29.5 |
| 85° | 2.3 | 5.2 | 11.0 | 18.1 | 18.5 | 8.7 | 8.1 | 7.4 | 7.8 | 8.4 | 10.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 1.0 | 1.0 | 1.0 | 1.9 | 1.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 97.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 100° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 102.5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 105° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 107.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |



REPORT NUMBER: P173293

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

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 92.5° | 95° | 100° |
|--------|------|------|------|------|------|------|------|------|-------|------|------|
| 110° | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| 112.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 115° | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 117.5° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 |
| 120° | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 125° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 130° | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 135° | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 140° | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 145° | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 150° | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 155° | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 160° | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 165° | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 170° | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 175° | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 180° | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |



REPORT NUMBER: P173293
 CATALOG NUMBER: ENC-EXX-LED-E1-GZW-ULG-CWB

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 | 354.5 |
| 2.5° | 355.8 | 355.5 | 355.8 | 354.8 | 355.8 | 355.5 | 355.5 | 355.5 | 355.2 | 355.5 | 355.5 |
| 5° | 359.7 | 359.7 | 359.7 | 359.1 | 359.7 | 359.7 | 359.7 | 359.7 | 359.4 | 359.7 | 360.0 |
| 7.5° | 367.1 | 367.1 | 366.8 | 365.9 | 366.5 | 366.5 | 366.2 | 365.5 | 364.9 | 365.2 | 364.9 |
| 10° | 377.2 | 377.8 | 375.9 | 375.9 | 374.9 | 373.6 | 372.7 | 371.7 | 371.4 | 370.7 | 369.4 |
| 12.5° | 389.5 | 389.2 | 386.6 | 385.6 | 385.0 | 382.4 | 380.4 | 379.4 | 378.2 | 376.5 | 374.6 |
| 15° | 400.5 | 399.2 | 397.3 | 396.3 | 395.3 | 392.4 | 389.8 | 387.5 | 385.9 | 383.7 | 380.7 |
| 17.5° | 407.9 | 406.6 | 405.7 | 405.4 | 405.4 | 402.8 | 400.5 | 397.6 | 394.0 | 389.8 | 385.0 |
| 20° | 409.6 | 409.6 | 409.9 | 411.8 | 413.8 | 412.8 | 410.2 | 406.6 | 401.5 | 394.7 | 387.2 |
| 22.5° | 407.3 | 408.6 | 411.5 | 416.4 | 420.6 | 420.9 | 418.3 | 413.1 | 404.4 | 394.7 | 383.7 |
| 25° | 403.4 | 407.0 | 413.1 | 419.9 | 425.7 | 425.7 | 421.2 | 413.8 | 401.8 | 387.9 | 373.3 |
| 27.5° | 401.5 | 408.6 | 417.3 | 424.5 | 428.3 | 426.1 | 418.0 | 407.3 | 390.8 | 373.0 | 356.1 |
| 30° | 403.7 | 414.7 | 424.1 | 429.0 | 429.6 | 422.2 | 408.3 | 392.4 | 373.0 | 351.6 | 334.4 |
| 32.5° | 412.1 | 425.4 | 432.5 | 433.5 | 429.0 | 415.1 | 393.4 | 371.4 | 349.7 | 329.9 | 312.4 |
| 35° | 429.3 | 440.6 | 443.2 | 439.3 | 428.0 | 404.7 | 373.6 | 347.7 | 328.3 | 309.5 | 291.4 |
| 37.5° | 457.2 | 462.3 | 457.5 | 446.1 | 424.8 | 392.1 | 355.5 | 330.2 | 309.5 | 291.1 | 271.0 |
| 40° | 496.7 | 490.8 | 476.9 | 454.6 | 421.2 | 378.2 | 341.2 | 316.0 | 293.0 | 272.6 | 252.5 |
| 42.5° | 545.9 | 525.5 | 496.7 | 464.3 | 417.3 | 369.1 | 330.9 | 301.7 | 276.5 | 253.8 | 232.8 |
| 45° | 600.9 | 563.0 | 523.8 | 475.3 | 416.0 | 363.6 | 318.6 | 284.3 | 254.8 | 232.1 | 211.4 |
| 47.5° | 656.9 | 602.8 | 551.4 | 487.3 | 417.7 | 353.9 | 299.8 | 261.3 | 230.5 | 208.5 | 189.1 |
| 50° | 713.6 | 647.5 | 583.4 | 502.8 | 416.7 | 334.1 | 274.2 | 235.1 | 206.6 | 186.8 | 169.3 |
| 52.5° | 770.6 | 695.1 | 616.4 | 516.7 | 403.7 | 303.0 | 246.1 | 212.7 | 185.2 | 166.1 | 148.9 |
| 55° | 826.6 | 741.4 | 648.8 | 520.9 | 366.2 | 270.3 | 222.4 | 190.4 | 163.2 | 143.8 | 125.0 |
| 57.5° | 879.7 | 783.2 | 671.5 | 496.3 | 319.9 | 244.8 | 201.4 | 170.0 | 141.2 | 118.8 | 100.4 |
| 60° | 945.7 | 823.0 | 678.0 | 436.8 | 283.0 | 223.4 | 182.3 | 146.3 | 114.0 | 90.3 | 73.5 |
| 62.5° | 1017.9 | 877.1 | 667.9 | 379.8 | 261.3 | 204.6 | 158.6 | 118.5 | 87.1 | 64.1 | 51.5 |
| 65° | 1071.0 | 899.4 | 617.1 | 349.3 | 247.7 | 186.2 | 133.4 | 91.9 | 60.2 | 44.0 | 39.2 |
| 67.5° | 1141.6 | 921.4 | 564.6 | 334.4 | 232.8 | 162.2 | 103.0 | 66.4 | 46.6 | 36.6 | 33.7 |
| 68° | 1136.7 | 915.3 | 553.6 | 330.6 | 228.3 | 153.8 | 97.1 | 65.1 | 45.3 | 35.6 | 32.7 |
| 70° | 1071.0 | 839.8 | 480.8 | 293.0 | 189.1 | 119.8 | 83.5 | 59.2 | 41.8 | 32.4 | 29.8 |
| 72.5° | 878.7 | 651.4 | 344.8 | 193.0 | 123.0 | 87.7 | 61.8 | 44.7 | 34.6 | 28.5 | 26.5 |
| 75° | 621.9 | 407.3 | 172.9 | 111.1 | 77.4 | 50.8 | 35.0 | 28.8 | 25.6 | 22.7 | 22.7 |
| 77.5° | 349.7 | 213.0 | 91.3 | 76.1 | 43.7 | 29.5 | 23.3 | 21.7 | 20.1 | 18.5 | 20.4 |
| 80° | 114.0 | 111.1 | 67.3 | 52.1 | 30.4 | 21.7 | 18.1 | 17.2 | 16.2 | 14.6 | 18.1 |
| 82.5° | 61.5 | 76.1 | 48.6 | 37.2 | 22.3 | 15.5 | 13.6 | 13.9 | 12.6 | 11.3 | 13.6 |
| 85° | 27.5 | 36.3 | 32.4 | 25.9 | 13.9 | 8.7 | 7.1 | 8.4 | 7.4 | 6.8 | 6.5 |
| 87.5° | 10.7 | 17.8 | 13.0 | 7.4 | 3.2 | 1.9 | 1.9 | 1.6 | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 97.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 100° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 102.5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 105° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 107.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |



REPORT NUMBER: P173293
 CATALOG NUMBER: ENC-EXX-LED-E1-GZW-ULG-CWB

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 110° | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 0° |
| 112.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 2.5° |
| 115° | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 5° |
| 117.5° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 7.5° |
| 120° | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 10° |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 12.5° |
| 125° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15° |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.5° |
| 130° | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20° |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.5° |
| 135° | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25° |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.5° |
| 140° | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30° |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.5° |
| 145° | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 35° |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 37.5° |
| 150° | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 40° |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 42.5° |
| 155° | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 45° |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 47.5° |
| 160° | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 50° |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 52.5° |
| 165° | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 55° |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 57.5° |
| 170° | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 60° |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 62.5° |
| 175° | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 65° |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 67.5° |
| 180° | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 68° |
| | | | | | | | | | | | | 70° |
| | | | | | | | | | | | | 72.5° |
| | | | | | | | | | | | | 75° |
| | | | | | | | | | | | | 77.5° |
| | | | | | | | | | | | | 80° |
| | | | | | | | | | | | | 82.5° |
| | | | | | | | | | | | | 85° |
| | | | | | | | | | | | | 87.5° |
| | | | | | | | | | | | | 90° |
| | | | | | | | | | | | | 92.5° |
| | | | | | | | | | | | | 95° |
| | | | | | | | | | | | | 97.5° |
| | | | | | | | | | | | | 100° |
| | | | | | | | | | | | | 102.5° |
| | | | | | | | | | | | | 105° |
| | | | | | | | | | | | | 107.5° |

NUMBER: P173293
 NUMBER: ENC-EXX-LED-E1-GZW-ULG-CWB

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

| 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 354.5 | 354.5 | 354.5 | 354.5 | 354.5 |
| 354.5 | 354.5 | 354.2 | 353.9 | 353.2 |
| 359.1 | 359.1 | 358.7 | 358.4 | 357.8 |
| 363.9 | 363.6 | 363.3 | 362.9 | 362.3 |
| 369.1 | 368.4 | 368.4 | 368.8 | 368.4 |
| 374.3 | 373.3 | 372.3 | 372.0 | 373.0 |
| 379.4 | 377.5 | 375.9 | 375.6 | 375.6 |
| 382.4 | 379.1 | 376.2 | 375.2 | 375.2 |
| 381.7 | 375.9 | 372.0 | 370.1 | 370.4 |
| 375.6 | 367.5 | 362.3 | 359.7 | 358.7 |
| 362.6 | 352.9 | 346.4 | 342.9 | 343.2 |
| 343.2 | 332.8 | 325.7 | 323.8 | 321.8 |
| 320.2 | 309.8 | 302.7 | 298.5 | 298.8 |
| 297.5 | 286.2 | 279.7 | 274.9 | 274.2 |
| 275.8 | 263.5 | 255.8 | 252.2 | 251.6 |
| 254.5 | 241.5 | 234.4 | 231.2 | 228.9 |
| 234.7 | 223.1 | 214.7 | 209.8 | 208.8 |
| 215.3 | 202.0 | 193.6 | 190.0 | 189.1 |
| 193.3 | 180.7 | 173.2 | 170.3 | 169.7 |
| 173.5 | 161.6 | 155.4 | 151.5 | 150.2 |
| 154.4 | 143.1 | 136.0 | 132.4 | 131.8 |
| 134.4 | 123.0 | 115.6 | 112.7 | 110.1 |
| 112.3 | 100.4 | 92.9 | 87.7 | 85.8 |
| 86.8 | 76.1 | 68.3 | 64.8 | 61.2 |
| 62.2 | 52.8 | 46.6 | 43.7 | 41.1 |
| 44.0 | 37.9 | 34.0 | 31.1 | 29.5 |
| 36.3 | 33.3 | 29.1 | 26.5 | 25.3 |
| 32.1 | 29.1 | 25.9 | 23.6 | 22.7 |
| 31.4 | 28.5 | 25.3 | 23.0 | 22.3 |
| 28.8 | 25.9 | 23.0 | 21.4 | 20.7 |
| 25.6 | 23.3 | 20.7 | 19.1 | 18.5 |
| 22.0 | 19.7 | 18.1 | 16.8 | 15.9 |
| 19.4 | 16.2 | 15.5 | 14.2 | 13.6 |
| 16.2 | 14.6 | 13.3 | 12.3 | 11.7 |
| 13.3 | 11.0 | 9.4 | 8.4 | 8.1 |
| 7.4 | 6.8 | 5.5 | 4.2 | 3.9 |
| 0.6 | 0.3 | 0.3 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |

CANDELA DISTRIBUTION:

| | 160° |
|--------|------|
| 110° | 5.8 |
| 112.5° | 6.9 |
| 115° | 8.1 |
| 117.5° | 9.6 |
| 120° | 11.3 |
| 122.5° | 13.2 |
| 125° | 15.5 |
| 127.5° | 17.9 |
| 130° | 20.4 |
| 132.5° | 22.8 |
| 135° | 25.2 |
| 137.5° | 27.6 |
| 140° | 29.9 |
| 142.5° | 32.1 |
| 145° | 34.0 |
| 147.5° | 35.6 |
| 150° | 37.3 |
| 152.5° | 38.8 |
| 155° | 40.0 |
| 157.5° | 41.1 |
| 160° | 42.2 |
| 162.5° | 43.2 |
| 165° | 44.0 |
| 167.5° | 44.4 |
| 170° | 44.5 |
| 172.5° | 44.9 |
| 175° | 45.5 |
| 177.5° | 45.7 |
| 180° | 45.6 |

'173293

ENC-EXX-LED-E1-GZW-ULG-CWB

TION (continued):

| 165° | 170° | 175° | 180° |
|------|------|------|------|
| 5.8 | 5.8 | 5.8 | 5.8 |
| 6.9 | 6.9 | 6.9 | 6.9 |
| 8.1 | 8.1 | 8.1 | 8.1 |
| 9.6 | 9.6 | 9.6 | 9.6 |
| 11.3 | 11.3 | 11.3 | 11.3 |
| 13.2 | 13.2 | 13.2 | 13.2 |
| 15.5 | 15.5 | 15.5 | 15.5 |
| 17.9 | 17.9 | 17.9 | 17.9 |
| 20.4 | 20.4 | 20.4 | 20.4 |
| 22.8 | 22.8 | 22.8 | 22.8 |
| 25.2 | 25.2 | 25.2 | 25.2 |
| 27.6 | 27.6 | 27.6 | 27.6 |
| 29.9 | 29.9 | 29.9 | 29.9 |
| 32.1 | 32.1 | 32.1 | 32.1 |
| 34.0 | 34.0 | 34.0 | 34.0 |
| 35.6 | 35.6 | 35.6 | 35.6 |
| 37.3 | 37.3 | 37.3 | 37.3 |
| 38.8 | 38.8 | 38.8 | 38.8 |
| 40.0 | 40.0 | 40.0 | 40.0 |
| 41.1 | 41.1 | 41.1 | 41.1 |
| 42.2 | 42.2 | 42.2 | 42.2 |
| 43.2 | 43.2 | 43.2 | 43.2 |
| 44.0 | 44.0 | 44.0 | 44.0 |
| 44.4 | 44.4 | 44.4 | 44.4 |
| 44.5 | 44.5 | 44.5 | 44.5 |
| 44.9 | 44.9 | 44.9 | 44.9 |
| 45.5 | 45.5 | 45.5 | 45.5 |
| 45.7 | 45.7 | 45.7 | 45.7 |
| 45.6 | 45.6 | 45.6 | 45.6 |

(END OF REPORT)