

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: McGRAW-EDISON

Report Number: P1212005

Luminaire Tested: **GKO-PB1B-735-U-T1**

Issue Date: 11/5/2025



**Test Information**

Test Method: LM-79-08  
Report Number: P1212005  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 11/5/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GKO-PB1B-735-U-T1  
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC  
Light Source: (10) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

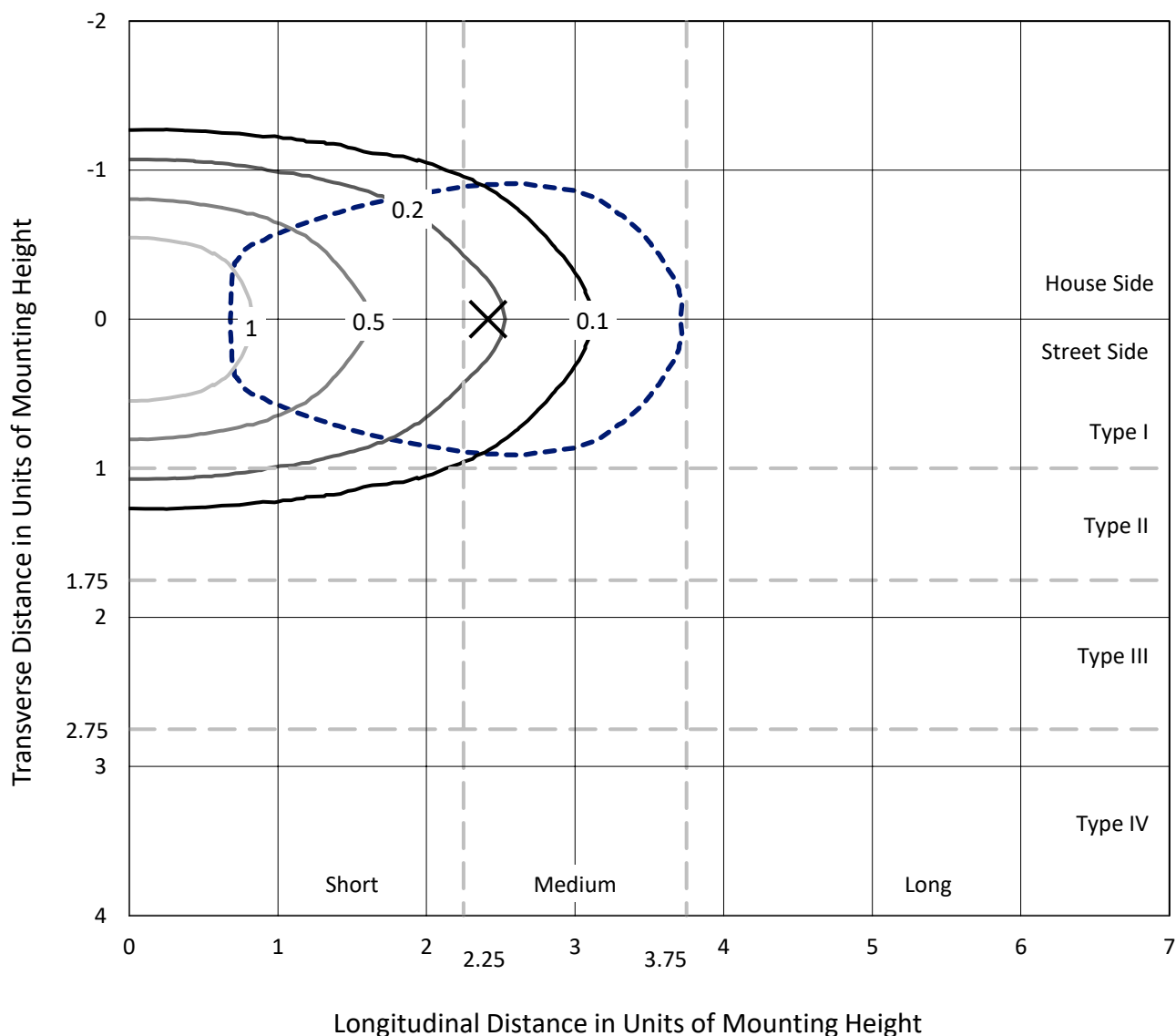
Lumens per Lamp: N/A  
Luminaire Lumens: 1507.3 lumens  
Efficiency: N/A  
Efficacy: 162.1 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 9.3  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): 14%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

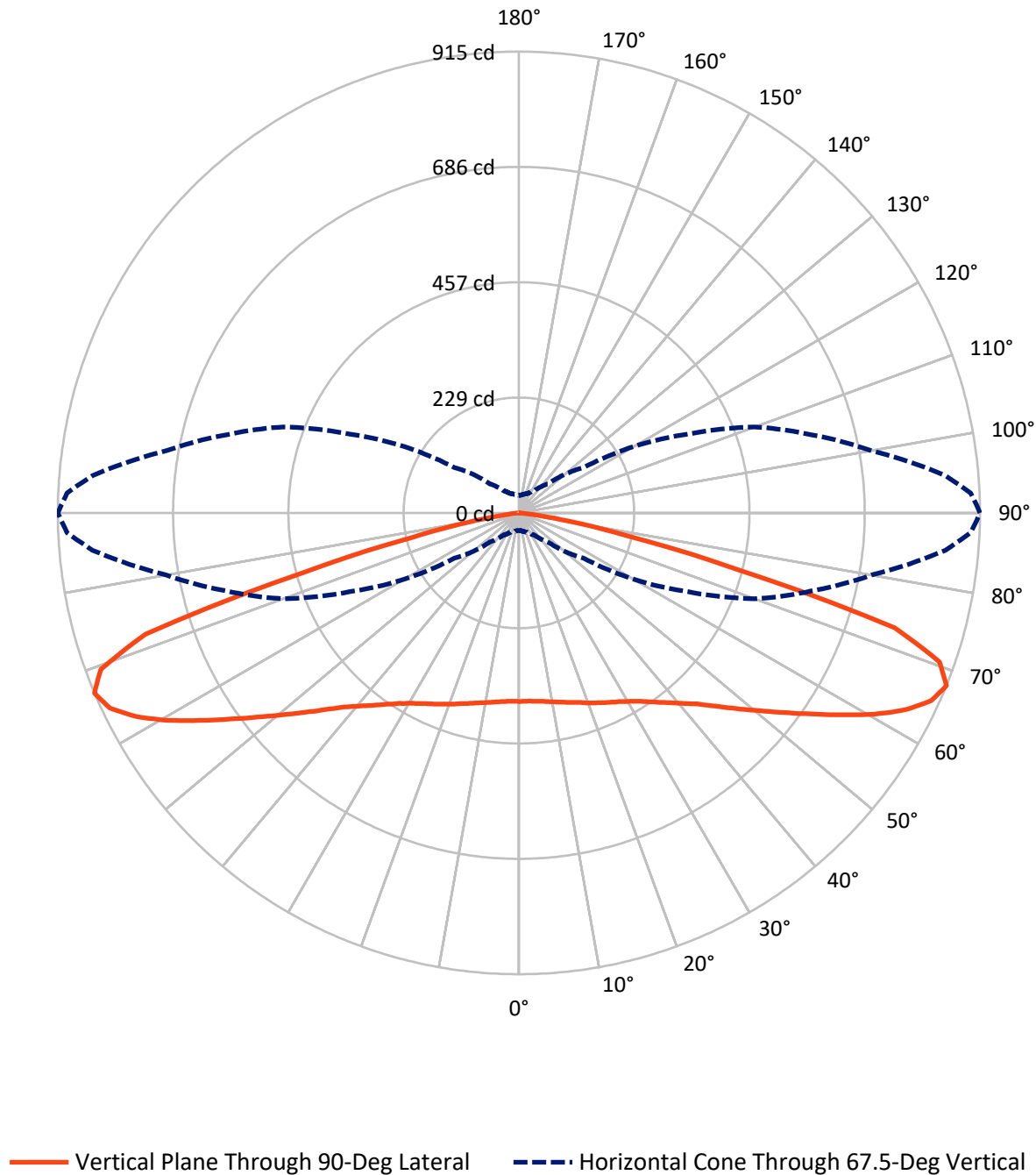
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc  
 Type I - Short - N/A

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## Luminous Intensity Polar Plot



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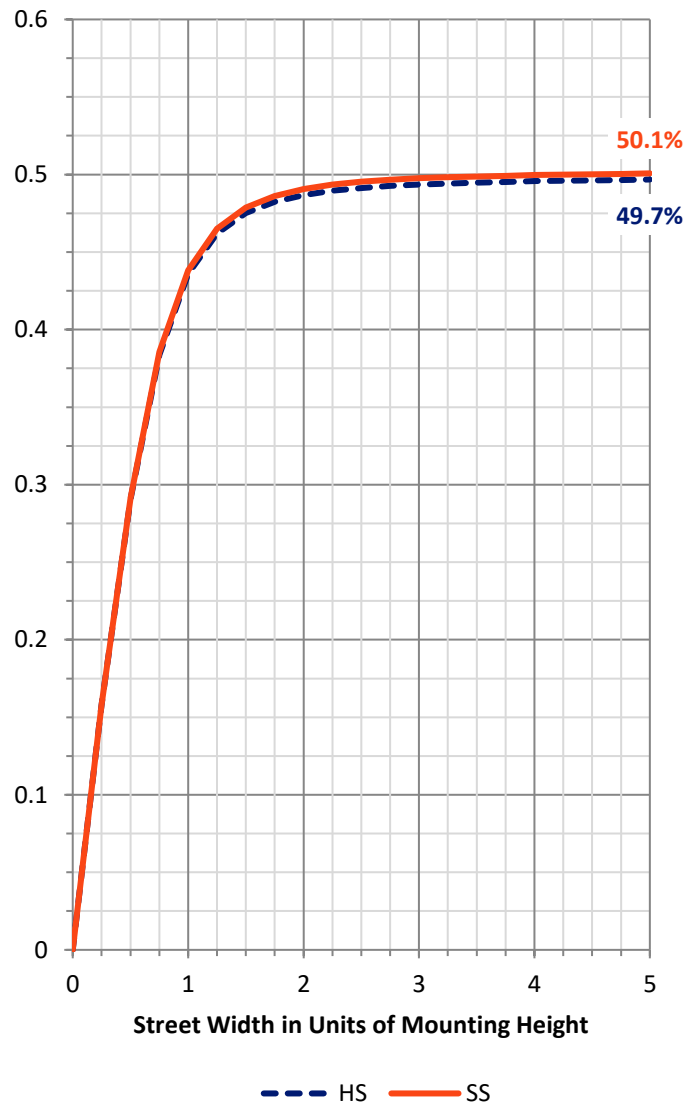
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 753.6    | 0.0    | 753.6  |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 753.6    | 0.0    | 753.6  |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 1507.3   | 0.0    | 1507.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 35.9   | 2.4       |
| 10°-20°   | 108.1  | 7.2       |
| 20°-30°   | 179.7  | 11.9      |
| 30°-40°   | 238.8  | 15.8      |
| 40°-50°   | 269.2  | 17.9      |
| 50°-60°   | 276.8  | 18.4      |
| 60°-70°   | 261.6  | 17.4      |
| 70°-80°   | 128.1  | 8.5       |
| 80°-90°   | 9.2    | 0.6       |
| 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°    | 1507.3 | 100.0     |
| 0°-180°   | 1507.3 | 100.0     |



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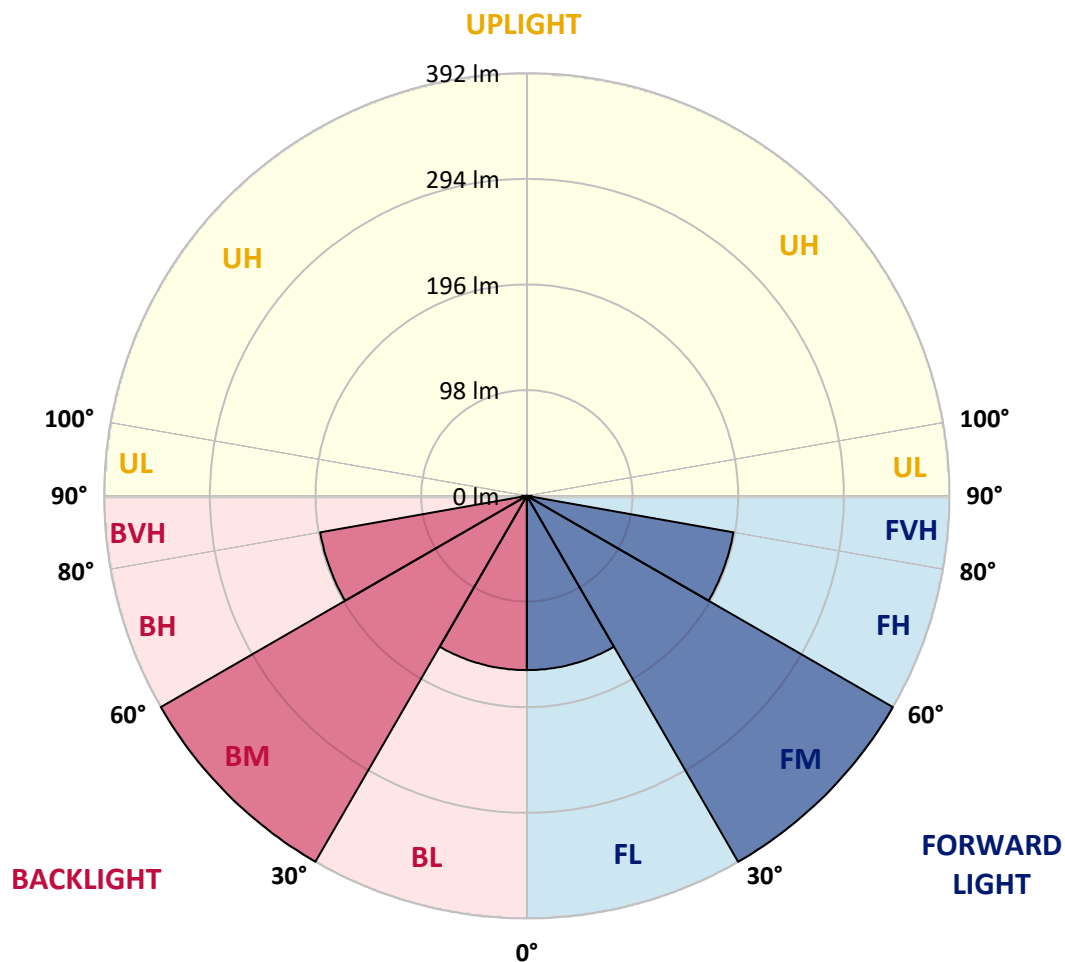
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 161.9  | 10.7      |                         |      |        |
| FM   | (30°-60°)   | 392.4  | 26.0      |                         |      |        |
| FH   | (60°-80°)   | 194.8  | 12.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 4.6    | 0.3       |                         |      | G0/10  |
| BL   | (0°-30°)    | 161.9  | 10.7      | B1/500                  |      |        |
| BM   | (30°-60°)   | 392.4  | 26.0      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 194.8  | 12.9      | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 4.6    | 0.3       |                         |      | 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°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 70°   | 75°   | 80°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 | 374.0 |
| 2.5°  | 374.3 | 374.9 | 373.7 | 373.7 | 374.3 | 374.6 | 374.6 | 374.9 | 374.3 | 374.3 | 374.0 |
| 5°    | 374.3 | 374.6 | 374.0 | 374.0 | 374.6 | 375.4 | 375.1 | 375.7 | 375.7 | 375.4 | 375.4 |
| 7.5°  | 374.0 | 374.6 | 374.0 | 374.3 | 375.1 | 376.8 | 376.8 | 376.8 | 377.4 | 377.9 | 377.9 |
| 10°   | 373.7 | 374.3 | 374.6 | 374.9 | 376.0 | 378.5 | 379.0 | 379.3 | 380.1 | 381.0 | 381.0 |
| 12.5° | 372.4 | 372.9 | 373.7 | 374.9 | 376.8 | 380.1 | 381.2 | 382.1 | 383.5 | 384.3 | 384.9 |
| 15°   | 370.4 | 370.7 | 372.6 | 374.9 | 377.9 | 382.1 | 384.3 | 385.7 | 387.6 | 388.8 | 389.6 |
| 17.5° | 367.6 | 367.9 | 371.0 | 374.3 | 378.7 | 384.6 | 388.2 | 390.4 | 392.4 | 394.0 | 395.1 |
| 20°   | 364.0 | 364.9 | 368.5 | 373.7 | 380.1 | 387.1 | 392.4 | 396.3 | 398.2 | 399.9 | 401.5 |
| 22.5° | 359.6 | 360.4 | 364.9 | 372.4 | 381.5 | 390.4 | 397.4 | 402.4 | 404.9 | 407.1 | 409.0 |
| 25°   | 352.9 | 354.0 | 359.3 | 369.0 | 382.1 | 394.0 | 402.9 | 409.3 | 411.5 | 414.3 | 416.0 |
| 27.5° | 342.6 | 343.5 | 349.8 | 362.4 | 380.4 | 397.9 | 409.3 | 416.8 | 419.3 | 422.4 | 424.0 |
| 30°   | 326.5 | 328.2 | 336.0 | 351.5 | 376.2 | 401.0 | 416.8 | 424.3 | 427.4 | 430.4 | 432.7 |
| 32.5° | 305.7 | 308.2 | 316.8 | 336.8 | 368.2 | 402.1 | 424.9 | 433.5 | 437.4 | 440.7 | 443.5 |
| 35°   | 279.8 | 282.3 | 292.6 | 317.9 | 355.4 | 399.9 | 432.9 | 444.0 | 448.8 | 453.2 | 456.6 |
| 37.5° | 250.4 | 252.6 | 265.1 | 294.0 | 337.1 | 392.9 | 439.3 | 455.7 | 462.1 | 467.9 | 472.4 |
| 40°   | 220.6 | 223.1 | 236.8 | 267.6 | 314.8 | 379.6 | 442.1 | 468.5 | 476.6 | 484.1 | 489.6 |
| 42.5° | 188.4 | 191.5 | 206.7 | 239.5 | 289.0 | 361.2 | 439.9 | 481.0 | 491.0 | 501.3 | 509.6 |
| 45°   | 159.8 | 160.3 | 177.0 | 208.7 | 260.6 | 337.6 | 432.1 | 493.0 | 506.6 | 521.0 | 533.0 |
| 47.5° | 132.3 | 133.4 | 147.8 | 179.2 | 231.2 | 310.9 | 417.9 | 502.4 | 524.1 | 542.7 | 560.2 |
| 50°   | 107.8 | 109.2 | 122.3 | 150.3 | 201.7 | 281.8 | 398.8 | 508.0 | 539.1 | 564.4 | 588.8 |
| 52.5° | 87.8  | 89.5  | 100.3 | 125.0 | 172.0 | 251.2 | 375.1 | 508.8 | 552.7 | 586.0 | 618.6 |
| 55°   | 73.1  | 74.2  | 82.5  | 102.3 | 143.4 | 219.5 | 348.2 | 504.6 | 561.6 | 605.5 | 648.8 |
| 57.5° | 61.7  | 62.8  | 68.6  | 84.2  | 117.5 | 187.0 | 315.4 | 494.9 | 566.3 | 622.4 | 679.4 |
| 60°   | 53.6  | 54.5  | 58.6  | 69.7  | 96.7  | 156.4 | 280.1 | 477.7 | 564.9 | 633.0 | 704.7 |
| 62.5° | 47.8  | 48.1  | 51.7  | 59.5  | 79.8  | 127.5 | 240.4 | 451.8 | 553.5 | 634.4 | 721.9 |
| 65°   | 42.5  | 42.8  | 45.0  | 50.6  | 65.6  | 102.5 | 199.0 | 416.3 | 531.9 | 624.7 | 724.4 |
| 67.5° | 34.5  | 35.0  | 38.3  | 42.5  | 53.9  | 81.1  | 156.7 | 369.6 | 498.0 | 599.4 | 710.3 |
| 70°   | 27.5  | 27.8  | 31.1  | 35.8  | 43.9  | 63.9  | 120.3 | 306.8 | 444.9 | 558.3 | 673.6 |
| 72.5° | 20.6  | 21.1  | 24.2  | 28.9  | 35.8  | 49.5  | 87.0  | 232.0 | 355.7 | 470.7 | 586.6 |
| 75°   | 16.4  | 16.7  | 17.8  | 22.2  | 27.8  | 37.5  | 58.6  | 140.6 | 214.2 | 291.2 | 359.6 |
| 77.5° | 13.9  | 14.2  | 14.2  | 17.2  | 20.6  | 25.3  | 31.1  | 55.9  | 90.6  | 128.9 | 170.9 |
| 80°   | 11.4  | 11.9  | 10.8  | 12.8  | 14.7  | 14.7  | 14.4  | 26.7  | 42.8  | 60.6  | 79.5  |
| 82.5° | 8.3   | 8.9   | 8.3   | 8.9   | 8.9   | 8.1   | 7.5   | 10.0  | 13.6  | 18.6  | 20.3  |
| 85°   | 5.8   | 6.1   | 6.7   | 6.1   | 5.8   | 4.7   | 3.6   | 2.8   | 1.7   | 1.9   | 2.8   |
| 87.5° | 3.9   | 4.7   | 5.6   | 5.3   | 4.4   | 3.6   | 2.5   | 1.7   | 0.8   | 1.1   | 1.1   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 85°   | 87.5° | 90°   |
|-------|-------|-------|-------|
| 0°    | 374.0 | 374.0 | 374.0 |
| 2.5°  | 374.3 | 374.0 | 373.7 |
| 5°    | 375.7 | 375.4 | 375.1 |
| 7.5°  | 377.6 | 377.6 | 377.6 |
| 10°   | 380.7 | 381.2 | 381.2 |
| 12.5° | 384.6 | 385.1 | 385.1 |
| 15°   | 389.3 | 389.6 | 390.1 |
| 17.5° | 395.1 | 395.4 | 395.4 |
| 20°   | 402.1 | 401.8 | 402.4 |
| 22.5° | 409.0 | 409.0 | 409.0 |
| 25°   | 416.3 | 416.3 | 416.3 |
| 27.5° | 424.6 | 424.6 | 424.0 |
| 30°   | 433.8 | 433.8 | 433.8 |
| 32.5° | 444.9 | 445.2 | 445.4 |
| 35°   | 459.1 | 459.6 | 460.4 |
| 37.5° | 475.2 | 476.6 | 477.4 |
| 40°   | 494.3 | 494.9 | 496.3 |
| 42.5° | 515.7 | 517.4 | 517.7 |
| 45°   | 542.4 | 545.2 | 546.3 |
| 47.5° | 573.8 | 577.7 | 579.7 |
| 50°   | 608.8 | 613.3 | 616.1 |
| 52.5° | 646.9 | 654.1 | 657.5 |
| 55°   | 687.5 | 700.0 | 703.6 |
| 57.5° | 733.3 | 750.3 | 755.3 |
| 60°   | 778.3 | 802.2 | 810.3 |
| 62.5° | 816.7 | 850.3 | 860.3 |
| 65°   | 843.6 | 884.2 | 898.9 |
| 67.5° | 849.2 | 897.3 | 914.8 |
| 70°   | 815.8 | 865.0 | 885.3 |
| 72.5° | 709.4 | 753.9 | 779.2 |
| 75°   | 419.0 | 451.0 | 443.2 |
| 77.5° | 210.4 | 219.5 | 220.9 |
| 80°   | 92.3  | 97.8  | 100.0 |
| 82.5° | 22.8  | 23.3  | 26.4  |
| 85°   | 3.1   | 3.6   | 3.3   |
| 87.5° | 1.1   | 1.1   | 1.4   |
| 90°   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)