

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: P1245507

Luminaire Tested: **TT-D7-AMB-U-DL-CG**

Issue Date: 2/1/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1245507  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TT-D7-AMB-U-DL-CG  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE  
NARROW BAND AMBER LEDS AND DRIVE LANE DISTRIBUTION WITH CLEAR GLASS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1641 lumens  
Efficiency: N/A  
Efficacy: 33.4 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 49.1  
Input Voltage (V): 120.0  
Input Current (Ain): 0.417  
Voltage Rise (V): NR  
Power Factor: 0.979  
Total Harmonic Distortion (THDi): 13.88%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

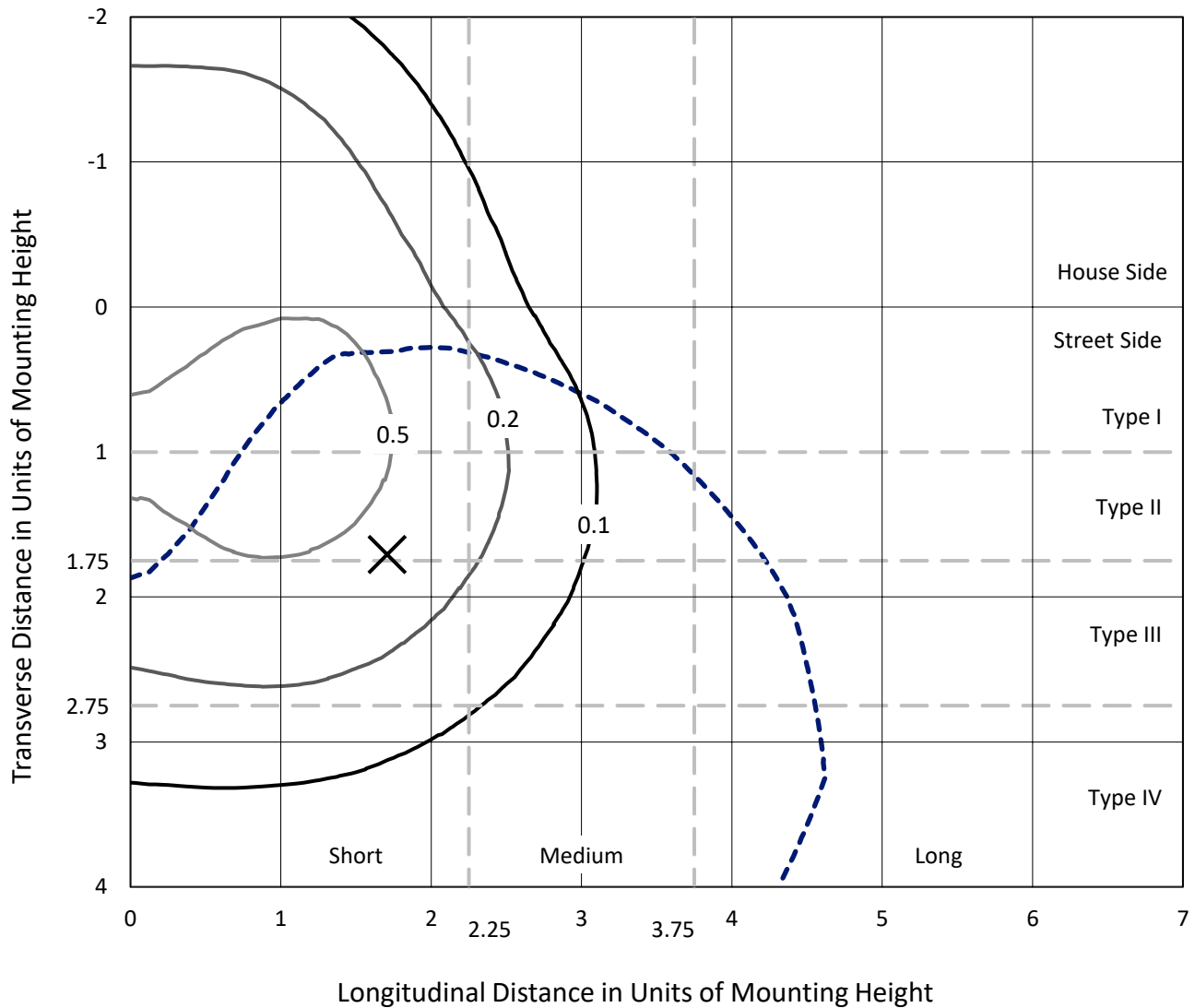


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## Iso-Footcandle Lines of Horizontal Illumination

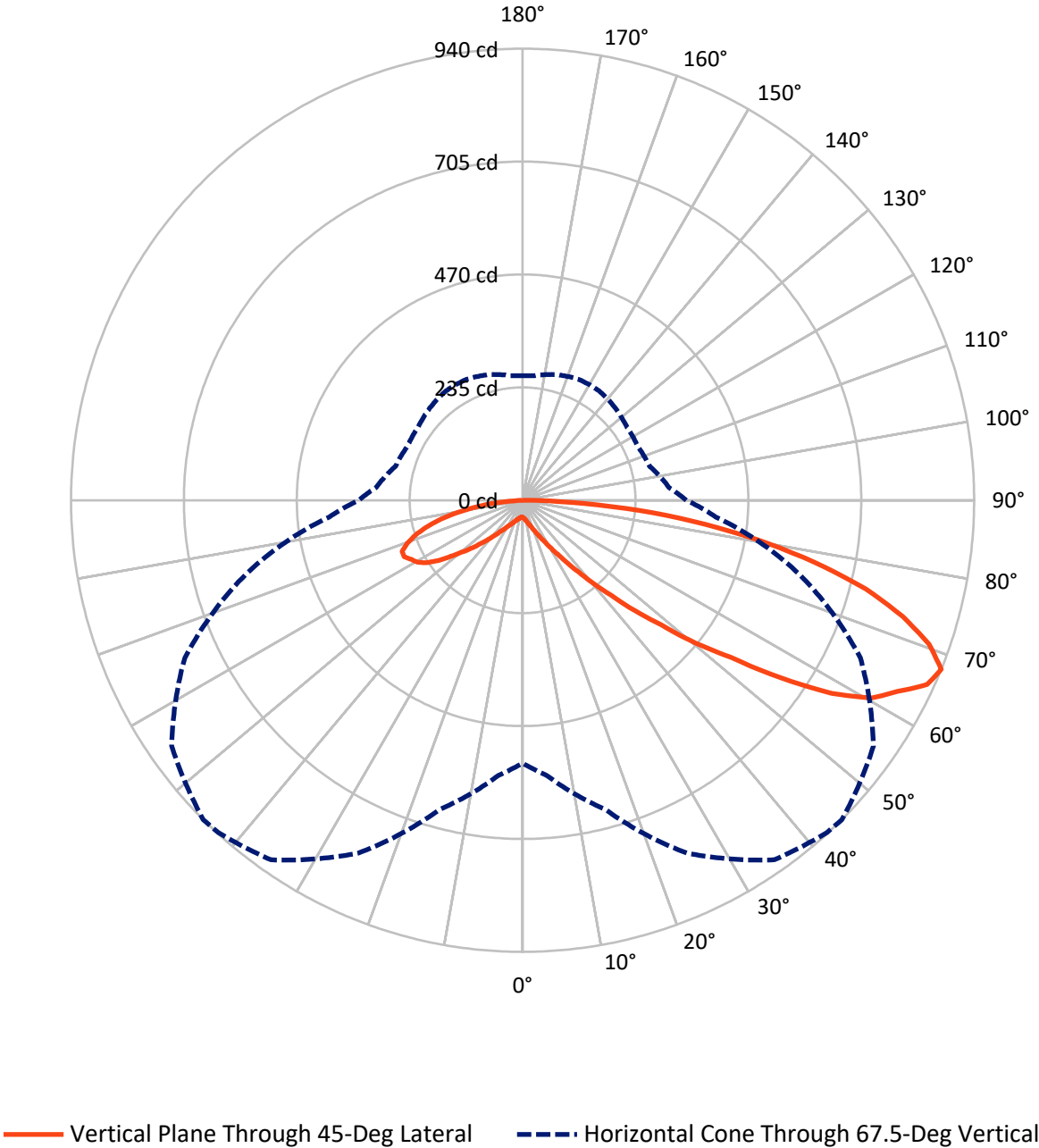
✕ Max cd  
- - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.9 fc  
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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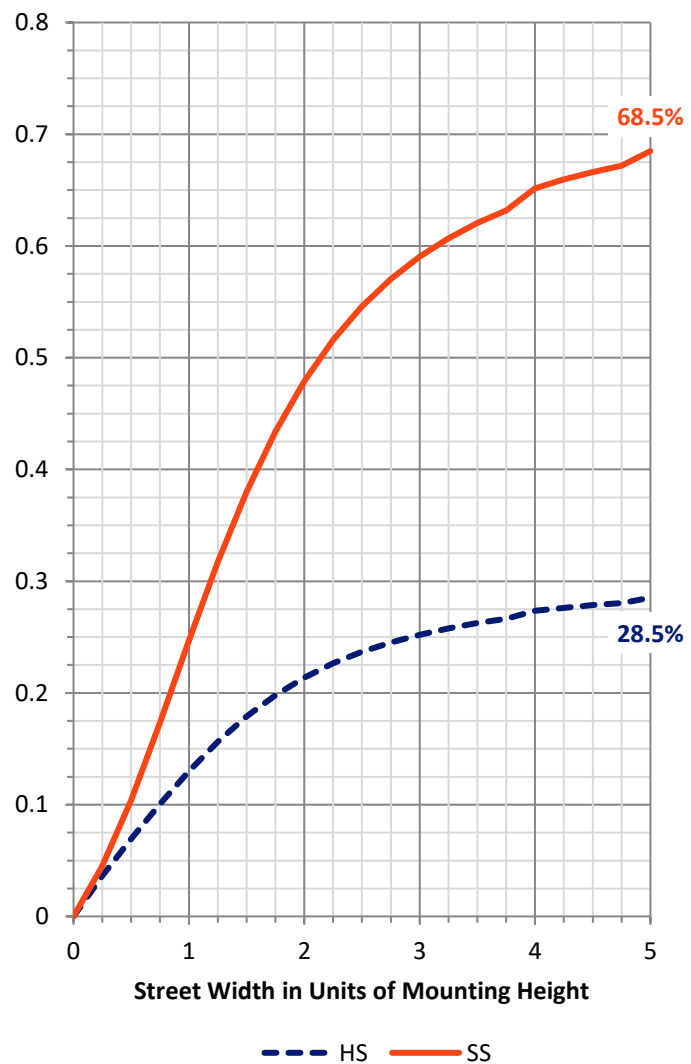
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 478.2    | 0.0    | 478.2  |
|                    | % Fixture | 29.1     | 0.0    | 29.1   |
| <b>Street Side</b> | Lumens    | 1162.8   | 0.0    | 1162.8 |
|                    | % Fixture | 70.9     | 0.0    | 70.9   |
| <b>Total</b>       | Lumens    | 1641.0   | 0.0    | 1641.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.7    | 0.2       |
| 10°-20°   | 13.6   | 0.8       |
| 20°-30°   | 32.2   | 2.0       |
| 30°-40°   | 72.9   | 4.4       |
| 40°-50°   | 162.4  | 9.9       |
| 50°-60°   | 326.5  | 19.9      |
| 60°-70°   | 479.6  | 29.2      |
| 70°-80°   | 421.7  | 25.7      |
| 80°-90°   | 128.4  | 7.8       |
| 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°    | 1641.0 | 100.0     |
| 0°-180°   | 1641.0 | 100.0     |

**Coefficient of Utilization**



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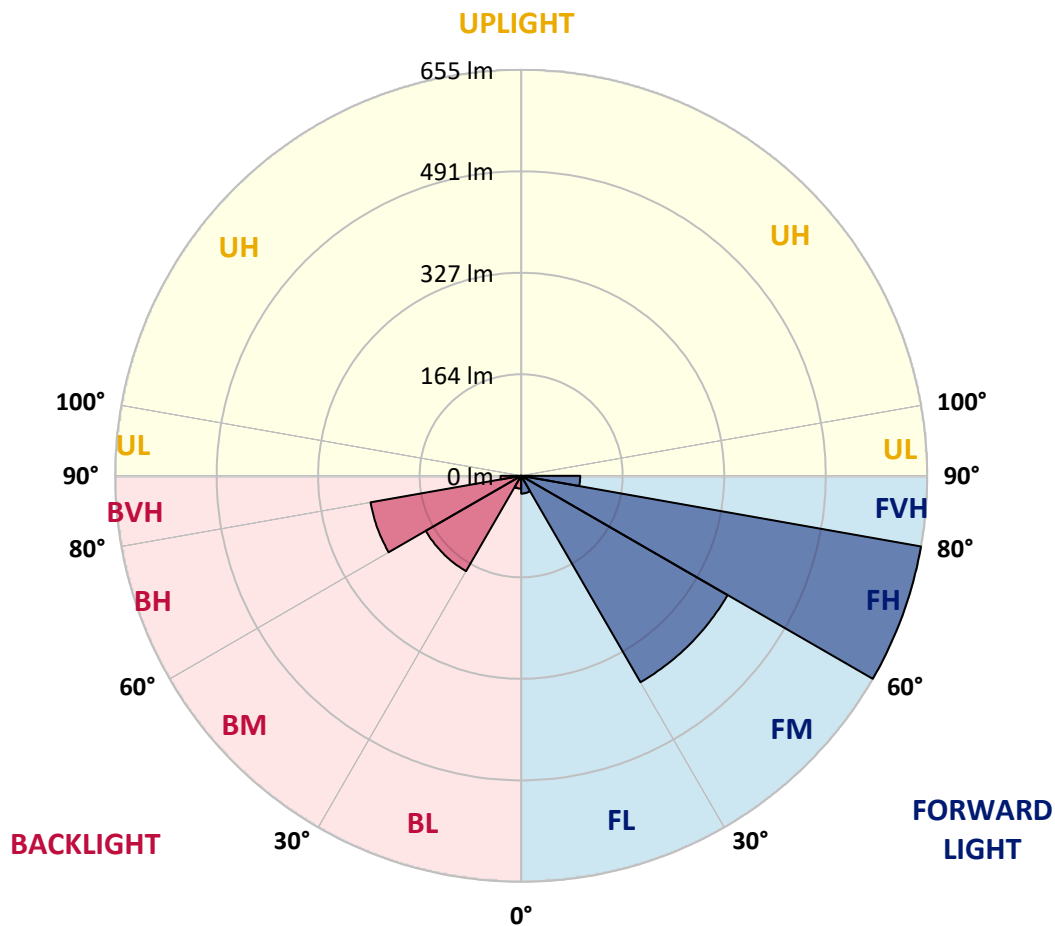
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 28.7   | 1.7       |                         |      |        |
| FM   | (30°-60°)   | 384.3  | 23.4      |                         |      |        |
| FH   | (60°-80°)   | 654.7  | 39.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 95.1   | 5.8       |                         |      | G1/100 |
| BL   | (0°-30°)    | 20.8   | 1.3       | B0/110                  |      |        |
| BM   | (30°-60°)   | 177.5  | 10.8      | B0/220                  |      |        |
| BH   | (60°-80°)   | 246.6  | 15.0      | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 33.3   | 2.0       |                         |      | G1/100 |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B1-U0-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 42.5° | 45°   | 55°   | 65°   | 75°   | 85°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  |
| 2.5°  | 37.1  | 36.8  | 36.8  | 36.8  | 36.5  | 36.5  | 36.5  | 36.5  | 36.2  | 36.2  | 36.2  |
| 5°    | 39.3  | 39.0  | 39.3  | 38.7  | 38.4  | 38.4  | 38.0  | 38.0  | 37.7  | 37.4  | 37.1  |
| 7.5°  | 42.3  | 42.0  | 42.0  | 41.4  | 41.1  | 40.8  | 40.8  | 40.2  | 39.9  | 39.3  | 38.7  |
| 10°   | 45.7  | 45.7  | 45.4  | 45.1  | 44.5  | 43.9  | 43.9  | 43.0  | 42.7  | 41.7  | 40.8  |
| 12.5° | 49.7  | 49.7  | 49.7  | 49.1  | 48.5  | 48.2  | 47.6  | 46.9  | 46.0  | 44.5  | 43.6  |
| 15°   | 54.6  | 54.6  | 54.6  | 54.0  | 53.4  | 52.8  | 52.5  | 51.2  | 49.7  | 48.2  | 46.3  |
| 17.5° | 60.8  | 60.1  | 60.1  | 59.5  | 58.9  | 58.6  | 58.0  | 56.8  | 54.6  | 52.8  | 50.3  |
| 20°   | 67.5  | 67.2  | 66.9  | 66.9  | 66.3  | 65.7  | 65.4  | 63.5  | 61.1  | 57.7  | 54.6  |
| 22.5° | 75.2  | 74.9  | 74.9  | 75.5  | 75.2  | 74.3  | 74.3  | 71.5  | 68.1  | 64.1  | 59.5  |
| 25°   | 84.7  | 84.4  | 85.0  | 86.2  | 86.2  | 85.6  | 84.7  | 81.9  | 77.0  | 71.5  | 66.0  |
| 27.5° | 95.1  | 94.8  | 96.0  | 98.2  | 98.8  | 97.9  | 97.3  | 94.2  | 88.7  | 81.3  | 73.3  |
| 30°   | 107.7 | 108.0 | 111.4 | 113.8 | 115.4 | 114.8 | 114.5 | 111.1 | 102.2 | 93.6  | 83.2  |
| 32.5° | 123.0 | 122.1 | 126.4 | 130.4 | 133.2 | 134.7 | 133.8 | 129.8 | 122.1 | 108.6 | 95.4  |
| 35°   | 139.3 | 139.6 | 144.8 | 150.7 | 157.1 | 157.7 | 159.6 | 155.6 | 145.1 | 129.2 | 110.8 |
| 37.5° | 160.5 | 158.0 | 164.8 | 175.8 | 183.5 | 190.2 | 189.0 | 186.6 | 174.3 | 153.1 | 128.0 |
| 40°   | 179.5 | 178.9 | 188.4 | 203.7 | 217.9 | 227.7 | 228.9 | 225.8 | 209.6 | 179.5 | 146.4 |
| 42.5° | 201.3 | 203.1 | 216.3 | 237.5 | 259.0 | 273.1 | 269.7 | 268.2 | 249.2 | 210.8 | 171.5 |
| 45°   | 223.4 | 229.5 | 246.4 | 277.1 | 302.2 | 322.5 | 328.3 | 323.1 | 299.8 | 260.2 | 203.4 |
| 47.5° | 250.1 | 258.4 | 279.2 | 320.7 | 361.8 | 385.4 | 386.6 | 402.3 | 367.0 | 307.8 | 236.6 |
| 50°   | 285.4 | 289.1 | 318.2 | 368.8 | 425.3 | 458.4 | 467.9 | 468.3 | 433.0 | 355.6 | 274.0 |
| 52.5° | 320.0 | 322.8 | 361.2 | 426.5 | 503.2 | 541.0 | 543.1 | 555.1 | 506.9 | 433.0 | 327.7 |
| 55°   | 361.8 | 360.6 | 413.3 | 491.9 | 582.4 | 637.3 | 653.3 | 669.6 | 608.2 | 494.0 | 358.4 |
| 57.5° | 402.3 | 400.4 | 464.0 | 567.1 | 690.7 | 745.3 | 758.5 | 746.9 | 655.7 | 519.5 | 373.4 |
| 60°   | 439.7 | 446.2 | 523.5 | 650.2 | 774.5 | 826.7 | 835.6 | 804.0 | 686.4 | 539.1 | 383.0 |
| 62.5° | 478.7 | 491.6 | 585.2 | 719.6 | 838.6 | 876.1 | 876.7 | 839.5 | 737.7 | 577.2 | 413.9 |
| 65°   | 515.2 | 535.8 | 633.0 | 778.8 | 883.4 | 920.9 | 925.2 | 891.7 | 788.0 | 610.3 | 419.2 |
| 67.5° | 547.4 | 574.7 | 666.2 | 810.7 | 913.8 | 938.0 | 940.2 | 892.0 | 776.0 | 596.8 | 404.7 |
| 70°   | 573.5 | 595.6 | 686.7 | 811.3 | 892.6 | 899.4 | 897.8 | 846.6 | 742.9 | 570.1 | 380.5 |
| 72.5° | 583.6 | 601.7 | 676.9 | 773.3 | 830.3 | 828.8 | 827.6 | 780.3 | 688.3 | 525.6 | 345.5 |
| 75°   | 569.2 | 574.4 | 623.2 | 692.0 | 728.2 | 736.8 | 738.0 | 695.3 | 603.9 | 459.7 | 296.4 |
| 77.5° | 509.7 | 506.9 | 544.4 | 589.8 | 617.1 | 623.2 | 622.0 | 586.4 | 506.3 | 382.0 | 248.5 |
| 80°   | 404.1 | 410.0 | 433.3 | 463.3 | 490.7 | 497.4 | 493.1 | 466.1 | 394.0 | 298.0 | 190.9 |
| 82.5° | 282.6 | 289.7 | 309.3 | 332.0 | 352.6 | 352.6 | 356.6 | 330.5 | 279.2 | 213.9 | 133.5 |
| 85°   | 152.5 | 148.5 | 170.0 | 195.8 | 210.5 | 213.3 | 214.8 | 206.2 | 172.8 | 129.2 | 79.2  |
| 87.5° | 25.2  | 27.0  | 33.4  | 51.2  | 58.3  | 67.5  | 71.8  | 56.2  | 34.1  | 21.8  | 16.0  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  |
| 2.5°  | 36.2  | 35.9  | 35.6  | 35.3  | 35.3  | 35.0  | 35.0  | 35.0  | 35.3  | 35.3  | 35.3  |
| 5°    | 37.1  | 36.8  | 36.5  | 36.2  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  | 35.6  |
| 7.5°  | 38.7  | 38.0  | 37.7  | 37.1  | 36.5  | 36.5  | 36.2  | 36.2  | 36.2  | 36.5  | 36.2  |
| 10°   | 40.5  | 39.9  | 39.3  | 38.4  | 38.0  | 37.7  | 37.4  | 37.4  | 37.7  | 37.7  | 37.4  |
| 12.5° | 42.7  | 42.3  | 41.1  | 40.2  | 39.6  | 39.3  | 39.0  | 39.3  | 39.0  | 39.3  | 39.3  |
| 15°   | 45.7  | 44.8  | 43.3  | 42.3  | 41.4  | 41.1  | 40.8  | 41.1  | 41.1  | 41.4  | 41.1  |
| 17.5° | 49.1  | 47.9  | 46.3  | 44.8  | 43.6  | 43.3  | 43.3  | 43.3  | 43.6  | 43.9  | 43.6  |
| 20°   | 53.1  | 51.6  | 49.4  | 47.6  | 46.3  | 46.0  | 46.0  | 46.3  | 46.6  | 46.9  | 46.9  |
| 22.5° | 57.1  | 55.8  | 52.8  | 50.3  | 49.7  | 49.4  | 49.1  | 49.7  | 50.3  | 50.6  | 50.9  |
| 25°   | 63.2  | 60.8  | 57.1  | 54.3  | 53.1  | 53.1  | 53.4  | 54.0  | 54.3  | 54.9  | 54.6  |
| 27.5° | 69.7  | 66.9  | 62.3  | 58.6  | 57.7  | 57.4  | 58.0  | 58.6  | 59.8  | 59.8  | 59.5  |
| 30°   | 78.6  | 74.0  | 68.1  | 64.7  | 62.3  | 62.6  | 63.5  | 64.4  | 65.7  | 66.3  | 66.3  |
| 32.5° | 88.7  | 83.8  | 75.8  | 70.6  | 69.3  | 69.7  | 70.0  | 71.5  | 72.7  | 74.0  | 73.0  |
| 35°   | 101.9 | 95.7  | 85.9  | 80.1  | 77.0  | 76.7  | 77.9  | 79.8  | 81.0  | 81.6  | 81.6  |
| 37.5° | 116.3 | 108.3 | 96.0  | 91.1  | 87.5  | 87.1  | 87.5  | 89.0  | 90.5  | 91.1  | 92.4  |
| 40°   | 133.8 | 124.0 | 109.5 | 101.6 | 98.8  | 98.2  | 99.4  | 101.6 | 101.6 | 102.5 | 102.8 |
| 42.5° | 155.3 | 142.7 | 126.7 | 116.3 | 112.9 | 112.9 | 112.6 | 114.5 | 114.5 | 114.5 | 113.8 |
| 45°   | 182.6 | 168.5 | 147.6 | 136.9 | 131.0 | 128.0 | 128.9 | 127.7 | 127.3 | 128.3 | 125.5 |
| 47.5° | 209.0 | 191.2 | 166.6 | 155.0 | 149.1 | 147.3 | 143.9 | 143.0 | 141.5 | 141.5 | 137.5 |
| 50°   | 239.7 | 217.6 | 193.9 | 177.4 | 171.8 | 166.6 | 163.9 | 159.6 | 155.0 | 154.0 | 152.5 |
| 52.5° | 290.9 | 263.3 | 226.1 | 208.4 | 194.2 | 189.0 | 182.6 | 177.1 | 171.5 | 167.2 | 169.7 |
| 55°   | 311.8 | 283.5 | 248.2 | 231.1 | 221.2 | 216.3 | 204.4 | 197.0 | 188.7 | 182.6 | 186.0 |
| 57.5° | 322.2 | 291.5 | 258.7 | 245.8 | 243.0 | 238.4 | 229.5 | 216.9 | 207.4 | 199.8 | 200.4 |
| 60°   | 328.0 | 295.8 | 264.2 | 252.5 | 251.0 | 254.1 | 249.5 | 240.9 | 226.1 | 218.5 | 217.6 |
| 62.5° | 350.4 | 316.7 | 279.8 | 263.3 | 259.9 | 262.1 | 263.3 | 258.1 | 245.8 | 235.7 | 232.9 |
| 65°   | 355.0 | 319.1 | 282.9 | 272.2 | 272.5 | 273.1 | 274.0 | 268.5 | 262.4 | 249.8 | 247.3 |
| 67.5° | 341.2 | 305.9 | 273.7 | 264.8 | 265.4 | 272.5 | 278.0 | 277.7 | 271.0 | 260.2 | 259.3 |
| 70°   | 320.4 | 286.0 | 256.2 | 248.2 | 249.8 | 256.2 | 268.2 | 274.3 | 273.1 | 266.0 | 267.6 |
| 72.5° | 287.8 | 257.1 | 231.1 | 224.9 | 228.6 | 234.7 | 246.1 | 257.1 | 263.6 | 265.1 | 268.5 |
| 75°   | 249.8 | 225.2 | 200.7 | 197.0 | 199.8 | 206.8 | 217.3 | 230.1 | 244.3 | 251.9 | 254.1 |
| 77.5° | 206.2 | 183.8 | 165.7 | 163.2 | 167.2 | 173.7 | 184.1 | 194.2 | 210.2 | 223.7 | 226.8 |
| 80°   | 161.4 | 142.1 | 129.2 | 127.0 | 129.5 | 135.0 | 143.0 | 151.3 | 166.6 | 177.1 | 178.6 |
| 82.5° | 112.0 | 100.3 | 92.1  | 90.8  | 92.4  | 94.5  | 101.0 | 108.6 | 117.2 | 125.5 | 126.4 |
| 85°   | 65.1  | 57.7  | 55.5  | 53.7  | 57.1  | 57.1  | 58.6  | 62.9  | 67.2  | 67.8  | 69.7  |
| 87.5° | 12.0  | 11.4  | 11.7  | 8.6   | 10.7  | 7.7   | 7.7   | 9.8   | 7.4   | 8.6   | 7.1   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)