

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: P1212036

Luminaire Tested: **GKO-PB1A-835-U-T1**

Issue Date: 11/5/2025



**Test Information**

Test Method: LM-79-08  
Report Number: P1212036  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 11/5/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GKO-PB1A-835-U-T1  
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC  
Light Source: (10) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

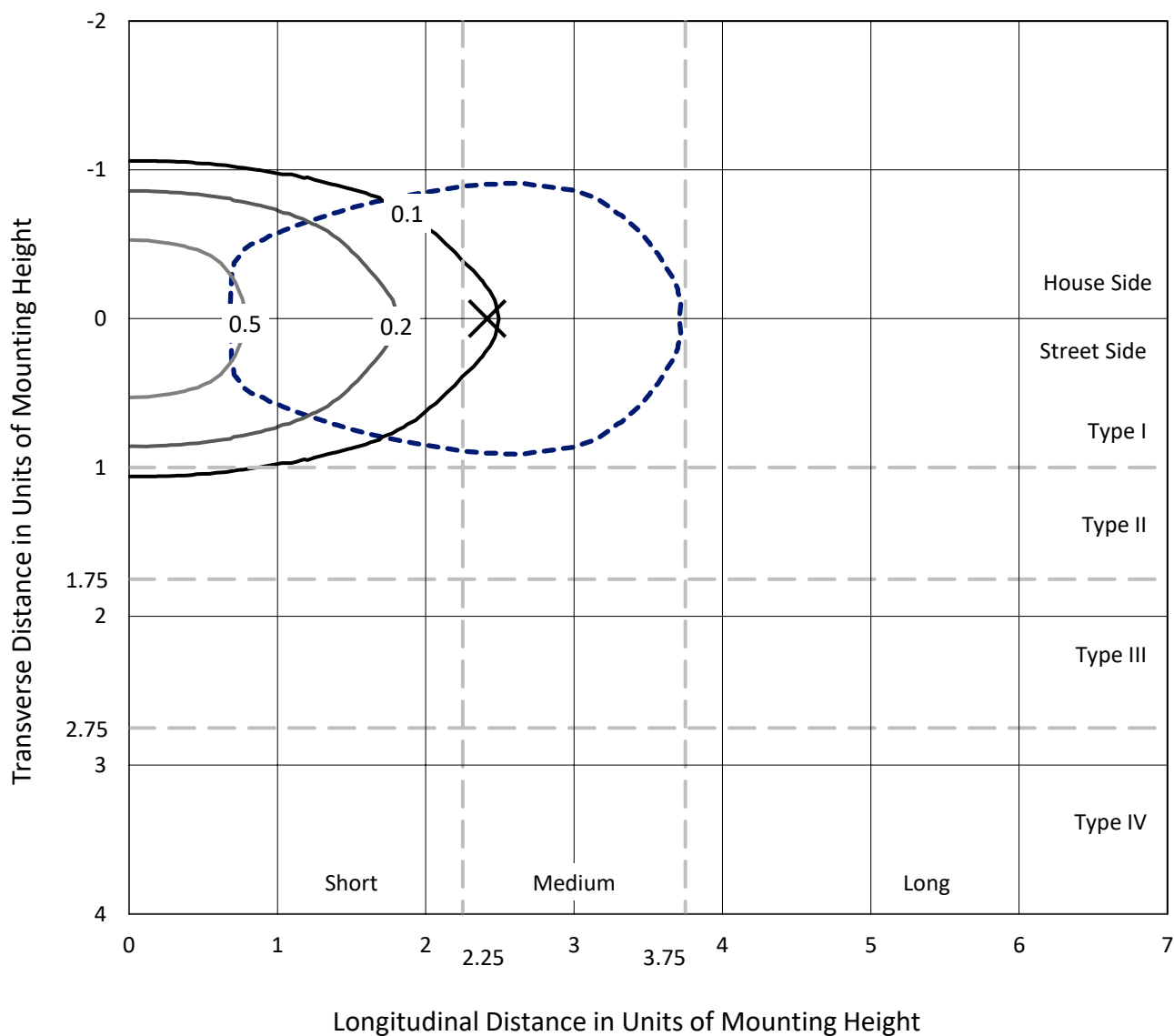
Lumens per Lamp: N/A  
Luminaire Lumens: 724.1 lumens  
Efficiency: N/A  
Efficacy: 150.8 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B0 - U0 - G0

Input Watts (W): 4.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): 16%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

REPORT NUMBER: P1212036  
 CATALOG NUMBER: GKO-PB1A-835-U-T1

## Iso-Footcandle Lines of Horizontal Illumination

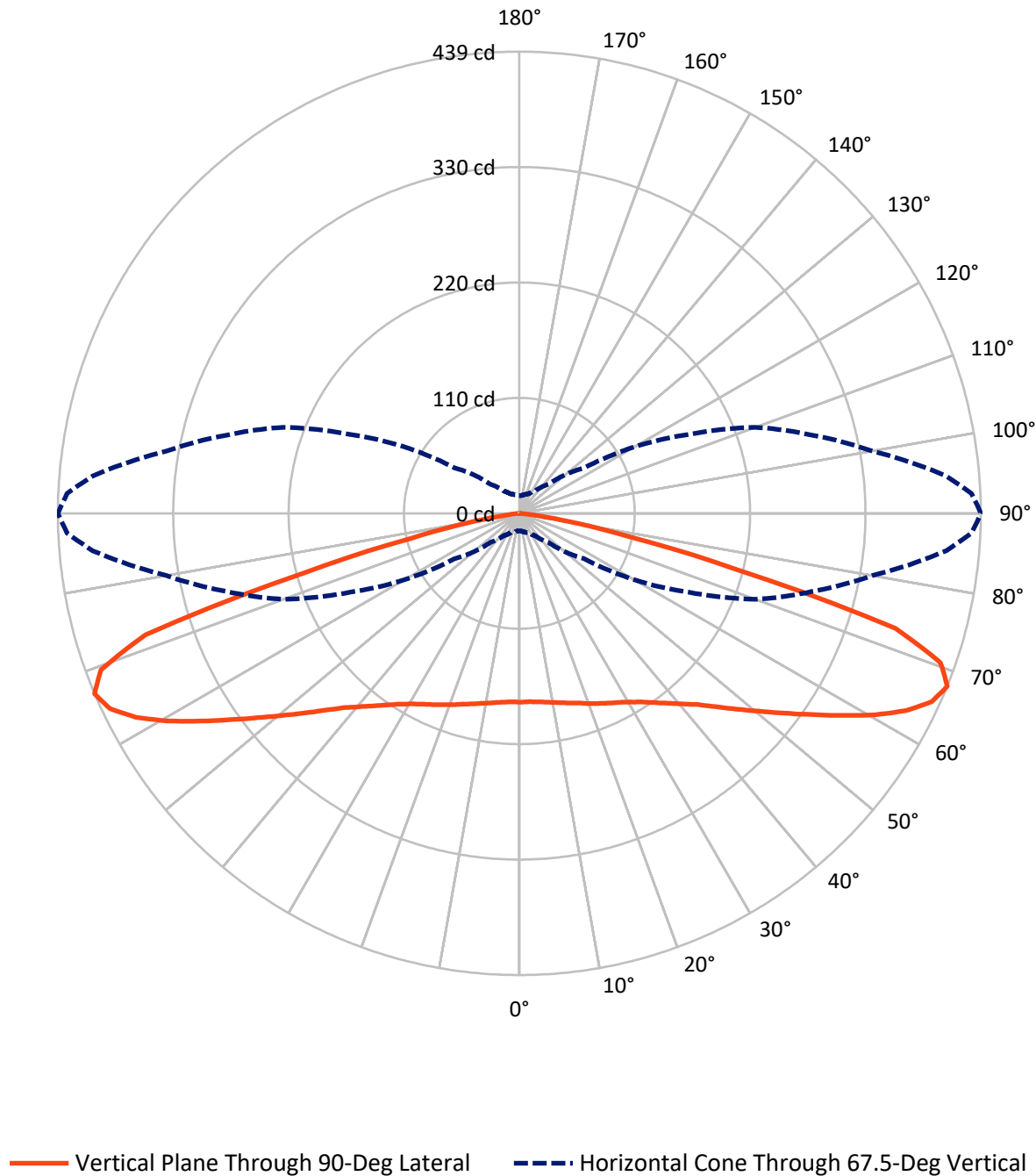
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.8 fc  
 Type I - Short - N/A

REPORT NUMBER: P1212036  
CATALOG NUMBER: GKO-PB1A-835-U-T1

## Luminous Intensity Polar Plot



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CATALOG NUMBER: GKO-PB1A-835-U-T1

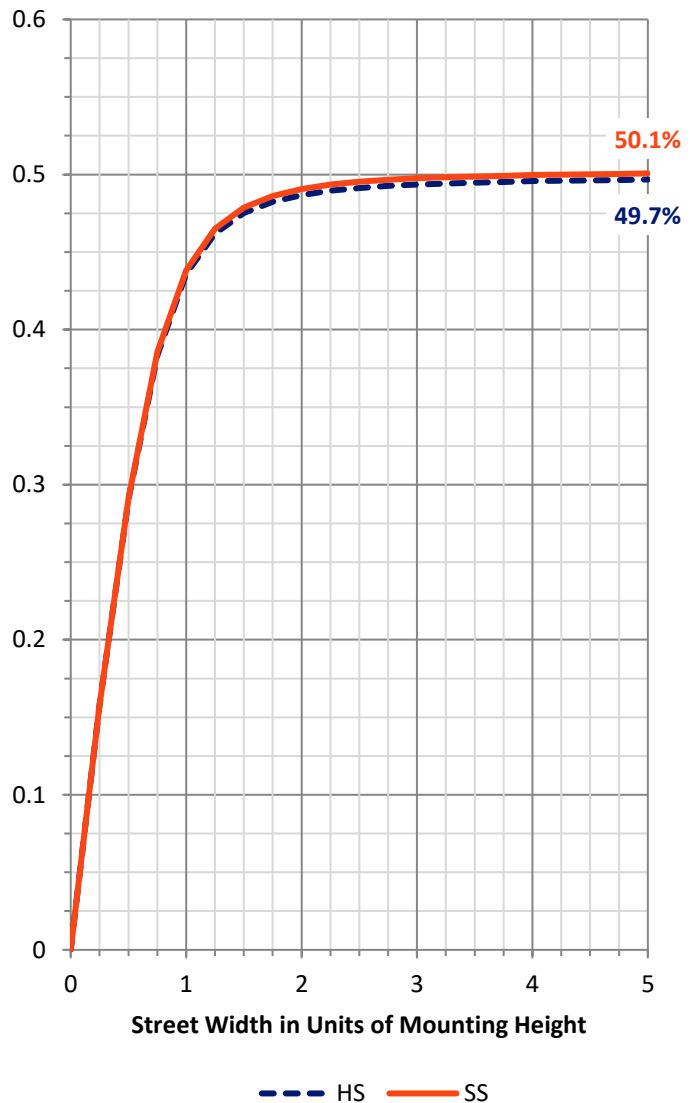
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| <b>House Side</b>  | Lumens    | 362.0    | 0.0    | 362.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0  |
| <b>Street Side</b> | Lumens    | 362.0    | 0.0    | 362.0 |
|                    | % Fixture | 50.0     | 0.0    | 50.0  |
| <b>Total</b>       | Lumens    | 724.1    | 0.0    | 724.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0 |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.2   | 2.4       |
| 10°-20°   | 51.9   | 7.2       |
| 20°-30°   | 86.3   | 11.9      |
| 30°-40°   | 114.7  | 15.8      |
| 40°-50°   | 129.3  | 17.9      |
| 50°-60°   | 133.0  | 18.4      |
| 60°-70°   | 125.7  | 17.4      |
| 70°-80°   | 61.5   | 8.5       |
| 80°-90°   | 4.4    | 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°    | 724.1  | 100.0     |
| 0°-180°   | 724.1  | 100.0     |



REPORT NUMBER: P1212036

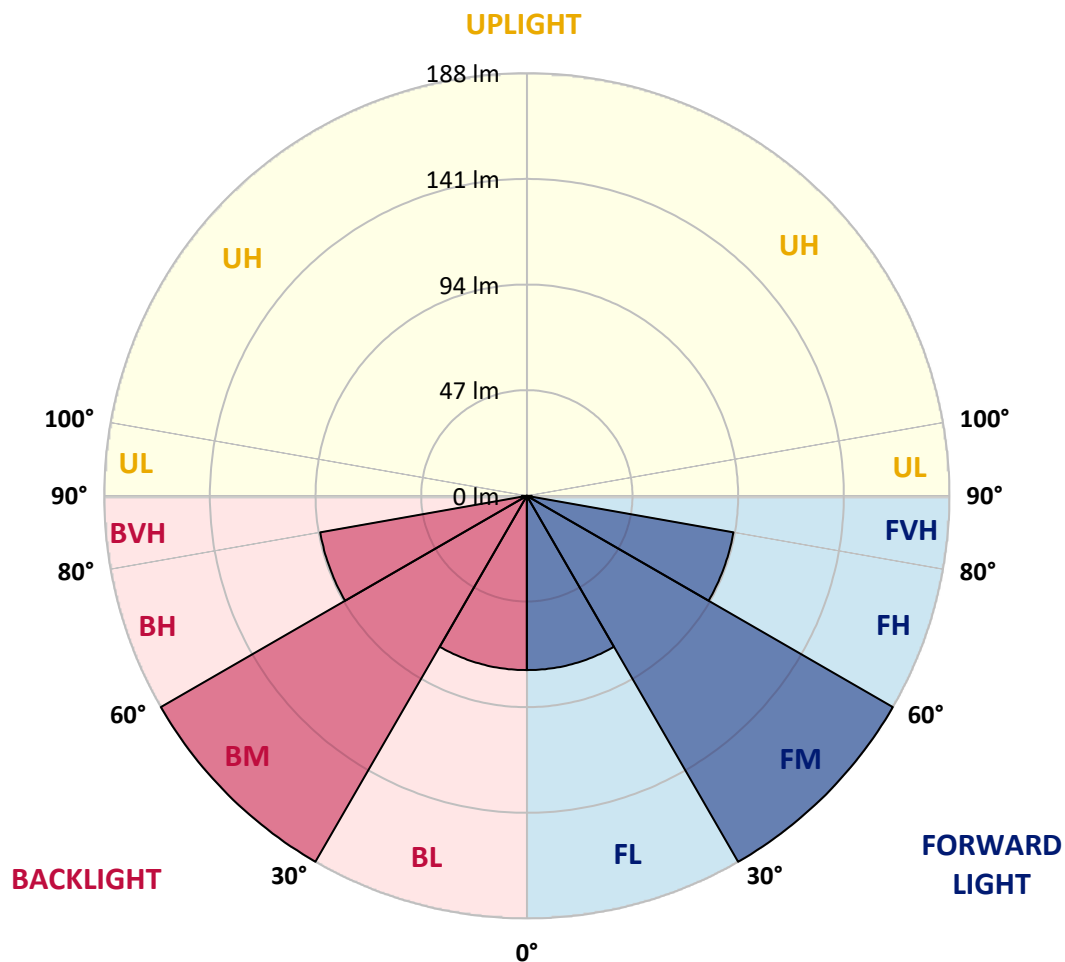
CATALOG NUMBER: GKO-PB1A-835-U-T1

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 77.7   | 10.7      |                         |      |        |
| FM   | (30°-60°)   | 188.5  | 26.0      |                         |      |        |
| FH   | (60°-80°)   | 93.6   | 12.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 2.2    | 0.3       |                         |      | G0/10  |
| BL   | (0°-30°)    | 77.7   | 10.7      | B0/110                  |      |        |
| BM   | (30°-60°)   | 188.5  | 26.0      | B0/220                  |      |        |
| BH   | (60°-80°)   | 93.6   | 12.9      | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 2.2    | 0.3       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G0**

Type I Short





REPORT NUMBER: P1212036

CATALOG NUMBER: GKO-PB1A-835-U-T1

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 70°   | 75°   | 80°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 | 179.7 |
| 2.5°  | 179.8 | 180.1 | 179.5 | 179.5 | 179.8 | 179.9 | 179.9 | 180.1 | 179.8 | 179.8 | 179.7 |
| 5°    | 179.8 | 179.9 | 179.7 | 179.7 | 179.9 | 180.3 | 180.2 | 180.5 | 180.5 | 180.3 | 180.3 |
| 7.5°  | 179.7 | 179.9 | 179.7 | 179.8 | 180.2 | 181.0 | 181.0 | 181.0 | 181.3 | 181.5 | 181.5 |
| 10°   | 179.5 | 179.8 | 179.9 | 180.1 | 180.6 | 181.8 | 182.1 | 182.2 | 182.6 | 183.0 | 183.0 |
| 12.5° | 178.9 | 179.1 | 179.5 | 180.1 | 181.0 | 182.6 | 183.1 | 183.5 | 184.2 | 184.6 | 184.9 |
| 15°   | 177.9 | 178.1 | 179.0 | 180.1 | 181.5 | 183.5 | 184.6 | 185.3 | 186.2 | 186.7 | 187.1 |
| 17.5° | 176.6 | 176.7 | 178.2 | 179.8 | 181.9 | 184.7 | 186.5 | 187.5 | 188.5 | 189.3 | 189.8 |
| 20°   | 174.9 | 175.3 | 177.0 | 179.5 | 182.6 | 185.9 | 188.5 | 190.3 | 191.3 | 192.1 | 192.9 |
| 22.5° | 172.7 | 173.1 | 175.3 | 178.9 | 183.3 | 187.5 | 190.9 | 193.3 | 194.5 | 195.6 | 196.5 |
| 25°   | 169.5 | 170.1 | 172.6 | 177.3 | 183.5 | 189.3 | 193.6 | 196.6 | 197.7 | 199.0 | 199.8 |
| 27.5° | 164.6 | 165.0 | 168.1 | 174.1 | 182.7 | 191.1 | 196.6 | 200.2 | 201.4 | 202.9 | 203.7 |
| 30°   | 156.8 | 157.6 | 161.4 | 168.9 | 180.7 | 192.6 | 200.2 | 203.8 | 205.3 | 206.8 | 207.8 |
| 32.5° | 146.8 | 148.0 | 152.2 | 161.8 | 176.9 | 193.2 | 204.1 | 208.2 | 210.1 | 211.7 | 213.0 |
| 35°   | 134.4 | 135.6 | 140.6 | 152.7 | 170.7 | 192.1 | 208.0 | 213.3 | 215.6 | 217.7 | 219.3 |
| 37.5° | 120.3 | 121.3 | 127.3 | 141.2 | 161.9 | 188.7 | 211.0 | 218.9 | 222.0 | 224.8 | 226.9 |
| 40°   | 106.0 | 107.2 | 113.7 | 128.5 | 151.2 | 182.3 | 212.4 | 225.1 | 228.9 | 232.5 | 235.2 |
| 42.5° | 90.5  | 92.0  | 99.3  | 115.1 | 138.8 | 173.5 | 211.3 | 231.1 | 235.9 | 240.8 | 244.8 |
| 45°   | 76.8  | 77.0  | 85.0  | 100.2 | 125.2 | 162.2 | 207.6 | 236.8 | 243.3 | 250.3 | 256.0 |
| 47.5° | 63.5  | 64.1  | 71.0  | 86.1  | 111.1 | 149.4 | 200.8 | 241.3 | 251.8 | 260.7 | 269.1 |
| 50°   | 51.8  | 52.5  | 58.7  | 72.2  | 96.9  | 135.4 | 191.6 | 244.0 | 259.0 | 271.1 | 282.9 |
| 52.5° | 42.2  | 43.0  | 48.2  | 60.1  | 82.6  | 120.7 | 180.2 | 244.4 | 265.5 | 281.5 | 297.1 |
| 55°   | 35.1  | 35.6  | 39.6  | 49.1  | 68.9  | 105.5 | 167.3 | 242.4 | 269.8 | 290.9 | 311.7 |
| 57.5° | 29.6  | 30.2  | 33.0  | 40.4  | 56.5  | 89.8  | 151.5 | 237.7 | 272.0 | 299.0 | 326.4 |
| 60°   | 25.8  | 26.2  | 28.2  | 33.5  | 46.5  | 75.2  | 134.6 | 229.5 | 271.4 | 304.1 | 338.5 |
| 62.5° | 23.0  | 23.1  | 24.8  | 28.6  | 38.3  | 61.3  | 115.5 | 217.0 | 265.9 | 304.7 | 346.8 |
| 65°   | 20.4  | 20.6  | 21.6  | 24.3  | 31.5  | 49.3  | 95.6  | 200.0 | 255.5 | 300.1 | 348.0 |
| 67.5° | 16.6  | 16.8  | 18.4  | 20.4  | 25.9  | 39.0  | 75.3  | 177.5 | 239.2 | 287.9 | 341.2 |
| 70°   | 13.2  | 13.3  | 15.0  | 17.2  | 21.1  | 30.7  | 57.8  | 147.4 | 213.7 | 268.2 | 323.6 |
| 72.5° | 9.9   | 10.1  | 11.6  | 13.9  | 17.2  | 23.8  | 41.8  | 111.5 | 170.9 | 226.1 | 281.8 |
| 75°   | 7.9   | 8.0   | 8.5   | 10.7  | 13.3  | 18.0  | 28.2  | 67.5  | 102.9 | 139.9 | 172.7 |
| 77.5° | 6.7   | 6.8   | 6.8   | 8.3   | 9.9   | 12.1  | 15.0  | 26.8  | 43.5  | 61.9  | 82.1  |
| 80°   | 5.5   | 5.7   | 5.2   | 6.1   | 7.1   | 7.1   | 6.9   | 12.8  | 20.6  | 29.1  | 38.2  |
| 82.5° | 4.0   | 4.3   | 4.0   | 4.3   | 4.3   | 3.9   | 3.6   | 4.8   | 6.5   | 8.9   | 9.7   |
| 85°   | 2.8   | 2.9   | 3.2   | 2.9   | 2.8   | 2.3   | 1.7   | 1.3   | 0.8   | 0.9   | 1.3   |
| 87.5° | 1.9   | 2.3   | 2.7   | 2.5   | 2.1   | 1.7   | 1.2   | 0.8   | 0.4   | 0.5   | 0.5   |
| 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: P1212036  
 CATALOG NUMBER: GKO-PB1A-835-U-T1

**CANDELA DISTRIBUTION (continued):**

|       | 85°   | 87.5° | 90°   |
|-------|-------|-------|-------|
| 0°    | 179.7 | 179.7 | 179.7 |
| 2.5°  | 179.8 | 179.7 | 179.5 |
| 5°    | 180.5 | 180.3 | 180.2 |
| 7.5°  | 181.4 | 181.4 | 181.4 |
| 10°   | 182.9 | 183.1 | 183.1 |
| 12.5° | 184.7 | 185.0 | 185.0 |
| 15°   | 187.0 | 187.1 | 187.4 |
| 17.5° | 189.8 | 189.9 | 189.9 |
| 20°   | 193.2 | 193.0 | 193.3 |
| 22.5° | 196.5 | 196.5 | 196.5 |
| 25°   | 200.0 | 200.0 | 200.0 |
| 27.5° | 204.0 | 204.0 | 203.7 |
| 30°   | 208.4 | 208.4 | 208.4 |
| 32.5° | 213.7 | 213.8 | 214.0 |
| 35°   | 220.5 | 220.8 | 221.2 |
| 37.5° | 228.3 | 228.9 | 229.3 |
| 40°   | 237.5 | 237.7 | 238.4 |
| 42.5° | 247.7 | 248.5 | 248.7 |
| 45°   | 260.6 | 261.9 | 262.4 |
| 47.5° | 275.6 | 277.5 | 278.4 |
| 50°   | 292.5 | 294.6 | 295.9 |
| 52.5° | 310.8 | 314.2 | 315.8 |
| 55°   | 330.2 | 336.2 | 338.0 |
| 57.5° | 352.3 | 360.4 | 362.8 |
| 60°   | 373.9 | 385.4 | 389.2 |
| 62.5° | 392.3 | 408.5 | 413.3 |
| 65°   | 405.3 | 424.7 | 431.8 |
| 67.5° | 407.9 | 431.0 | 439.4 |
| 70°   | 391.9 | 415.5 | 425.3 |
| 72.5° | 340.8 | 362.1 | 374.3 |
| 75°   | 201.3 | 216.6 | 212.9 |
| 77.5° | 101.0 | 105.5 | 106.1 |
| 80°   | 44.3  | 47.0  | 48.1  |
| 82.5° | 10.9  | 11.2  | 12.7  |
| 85°   | 1.5   | 1.7   | 1.6   |
| 87.5° | 0.5   | 0.5   | 0.7   |
| 90°   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)