

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: P1212024

Luminaire Tested: **GKO-PB1C-830-U-T1**

Issue Date: 11/5/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1212024  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 11/5/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GKO-PB1C-830-U-T1  
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE I DISTRIBUTION OPTIC  
Light Source: (10) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

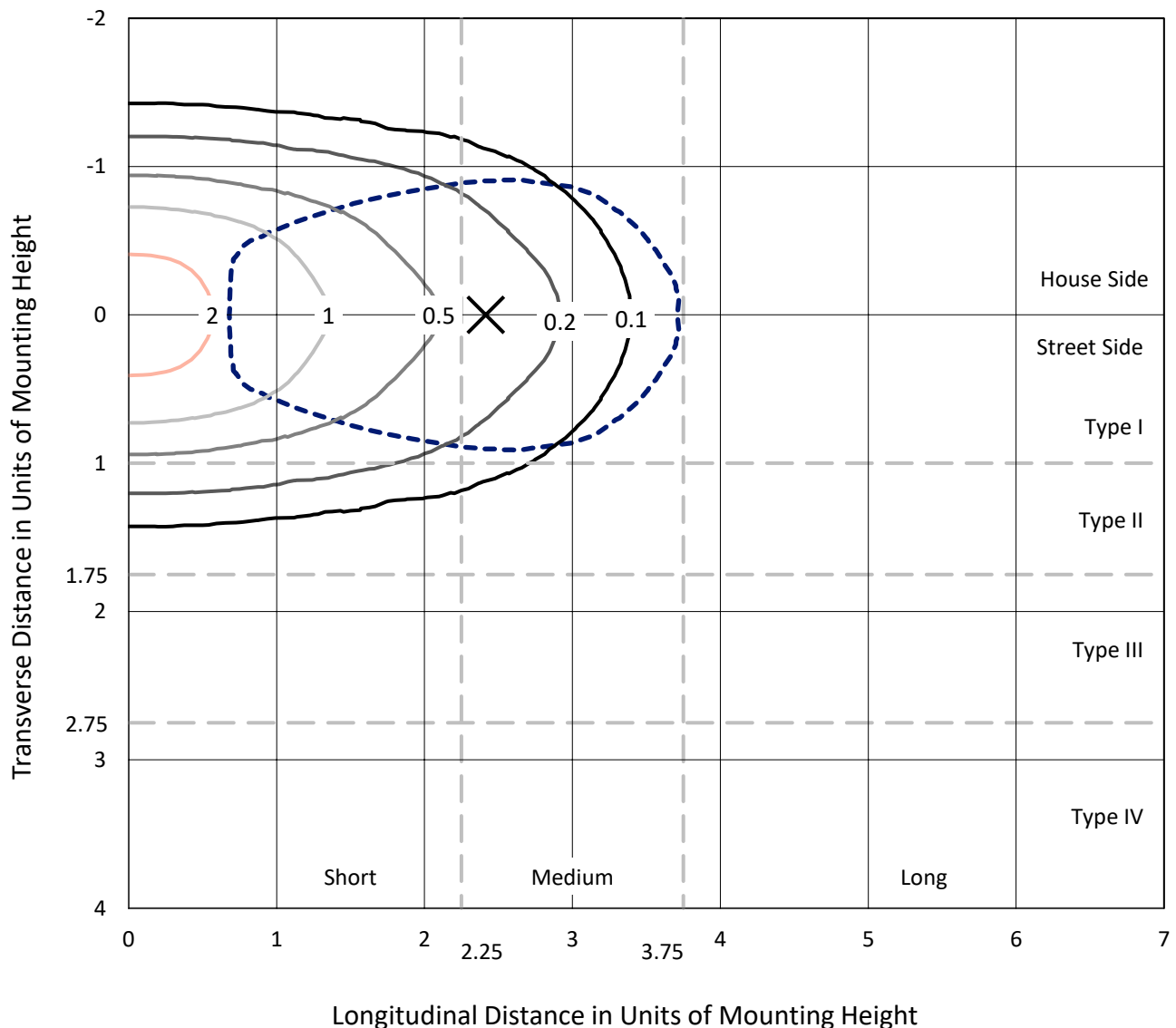
Lumens per Lamp: N/A  
Luminaire Lumens: 2381.5 lumens  
Efficiency: N/A  
Efficacy: 140.1 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 17  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): 13%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

REPORT NUMBER: P1212024  
 CATALOG NUMBER: GKO-PB1C-830-U-T1

## Iso-Footcandle Lines of Horizontal Illumination

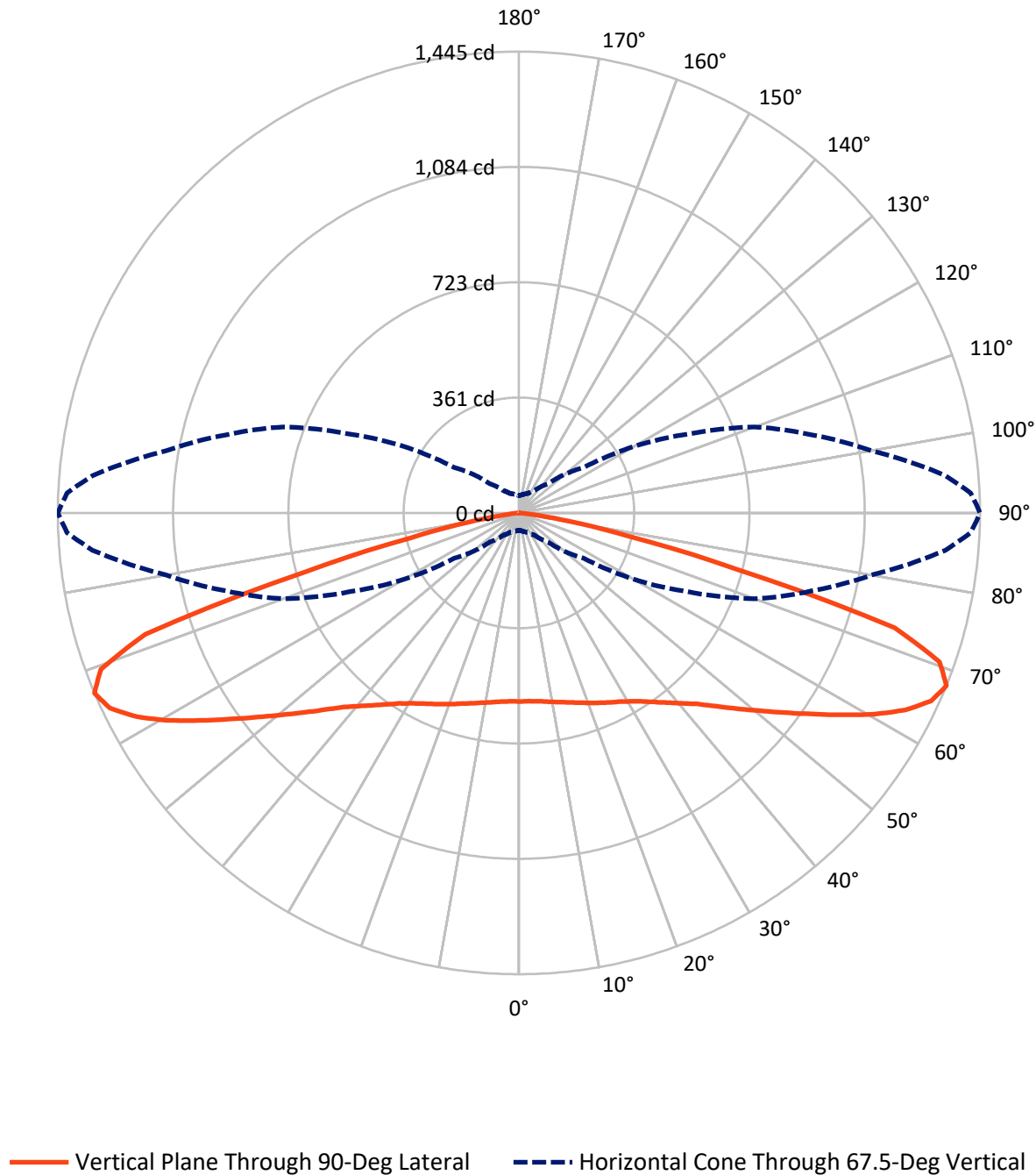
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc  
 Type I - Short - N/A

REPORT NUMBER: P1212024  
CATALOG NUMBER: GKO-PB1C-830-U-T1

## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1190.8   | 0.0    | 1190.8 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 1190.8   | 0.0    | 1190.8 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 2381.5   | 0.0    | 2381.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 56.7   | 2.4       |
| 10°-20°   | 170.8  | 7.2       |
| 20°-30°   | 284.0  | 11.9      |
| 30°-40°   | 377.3  | 15.8      |
| 40°-50°   | 425.3  | 17.9      |
| 50°-60°   | 437.4  | 18.4      |
| 60°-70°   | 413.3  | 17.4      |
| 70°-80°   | 202.3  | 8.5       |
| 80°-90°   | 14.5   | 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°    | 2381.5 | 100.0     |
| 0°-180°   | 2381.5 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P1212024

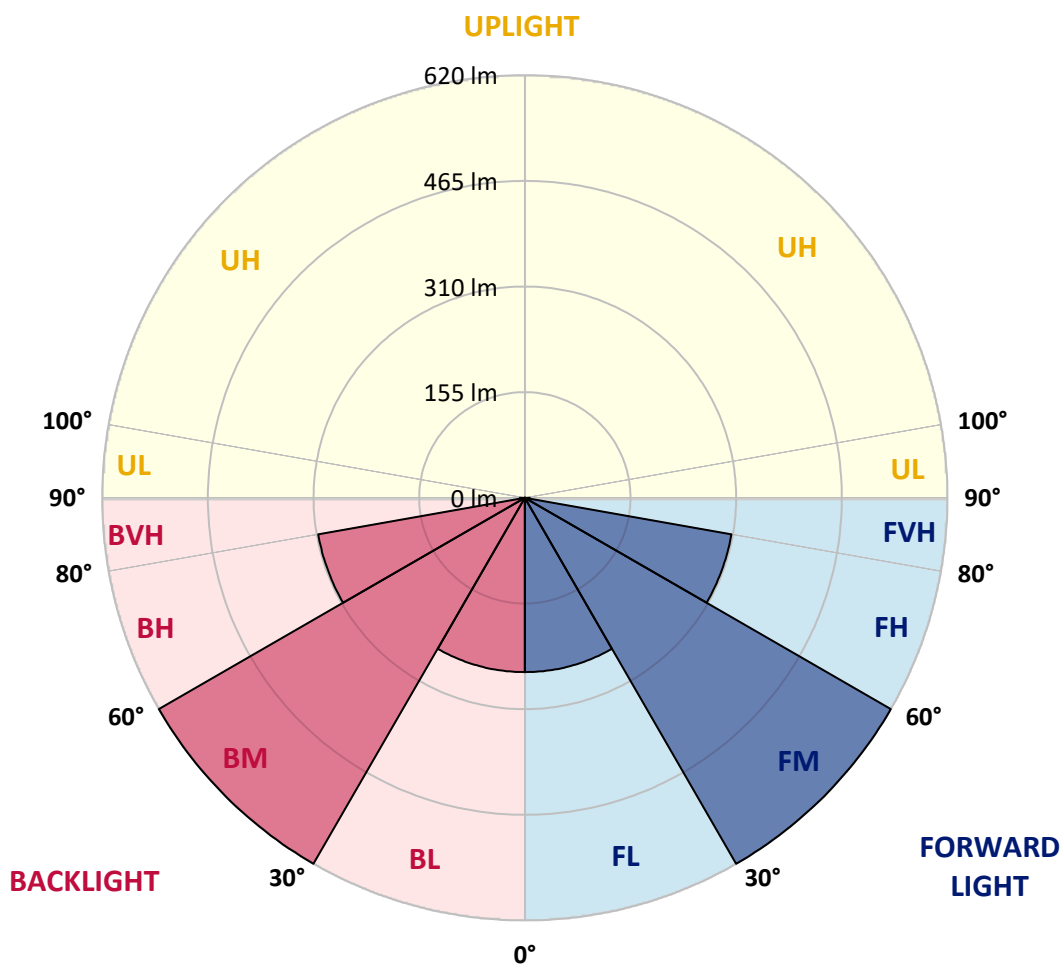
CATALOG NUMBER: GKO-PB1C-830-U-T1

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 255.7  | 10.7      |                         |      |        |
| FM   | (30°-60°)   | 620.0  | 26.0      |                         |      |        |
| FH   | (60°-80°)   | 307.8  | 12.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 7.2    | 0.3       |                         |      | G0/10  |
| BL   | (0°-30°)    | 255.7  | 10.7      | B1/500                  |      |        |
| BM   | (30°-60°)   | 620.0  | 26.0      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 307.8  | 12.9      | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 7.2    | 0.3       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

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

Type I Short



REPORT NUMBER: P1212024

CATALOG NUMBER: GKO-PB1C-830-U-T1

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 70°   | 75°    | 80°    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°    | 591.0 | 591.0 | 591.0 | 591.0 | 591.0 | 591.0 | 591.0 | 591.0 | 591.0 | 591.0  | 591.0  |
| 2.5°  | 591.4 | 592.3 | 590.5 | 590.5 | 591.4 | 591.8 | 591.8 | 592.3 | 591.4 | 591.4  | 591.0  |
| 5°    | 591.4 | 591.8 | 591.0 | 591.0 | 591.8 | 593.2 | 592.7 | 593.6 | 593.6 | 593.2  | 593.2  |
| 7.5°  | 591.0 | 591.8 | 591.0 | 591.4 | 592.7 | 595.3 | 595.3 | 595.3 | 596.2 | 597.1  | 597.1  |
| 10°   | 590.5 | 591.4 | 591.8 | 592.3 | 594.0 | 598.0 | 598.9 | 599.3 | 600.6 | 601.9  | 601.9  |
| 12.5° | 588.3 | 589.2 | 590.5 | 592.3 | 595.3 | 600.6 | 602.4 | 603.7 | 605.9 | 607.2  | 608.1  |
| 15°   | 585.2 | 585.7 | 588.8 | 592.3 | 597.1 | 603.7 | 607.2 | 609.4 | 612.5 | 614.2  | 615.5  |
| 17.5° | 580.9 | 581.3 | 586.1 | 591.4 | 598.4 | 607.6 | 613.3 | 616.9 | 619.9 | 622.6  | 624.3  |
| 20°   | 575.2 | 576.5 | 582.2 | 590.5 | 600.6 | 611.6 | 619.9 | 626.1 | 629.2 | 631.8  | 634.4  |
| 22.5° | 568.1 | 569.4 | 576.5 | 588.3 | 602.8 | 616.9 | 627.8 | 635.7 | 639.7 | 643.2  | 646.3  |
| 25°   | 557.6 | 559.3 | 567.7 | 583.1 | 603.7 | 622.6 | 636.6 | 646.7 | 650.2 | 654.6  | 657.3  |
| 27.5° | 541.3 | 542.7 | 552.8 | 572.5 | 601.1 | 628.7 | 646.7 | 658.6 | 662.5 | 667.4  | 670.0  |
| 30°   | 515.9 | 518.5 | 530.8 | 555.4 | 594.5 | 633.5 | 658.6 | 670.4 | 675.3 | 680.1  | 683.6  |
| 32.5° | 483.0 | 486.9 | 500.5 | 532.1 | 581.7 | 635.3 | 671.3 | 684.9 | 691.1 | 696.3  | 700.7  |
| 35°   | 442.1 | 446.1 | 462.3 | 502.3 | 561.5 | 631.8 | 684.0 | 701.6 | 709.1 | 716.1  | 721.4  |
| 37.5° | 395.6 | 399.1 | 418.9 | 464.5 | 532.6 | 620.8 | 694.1 | 720.0 | 730.1 | 739.4  | 746.4  |
| 40°   | 348.6 | 352.6 | 374.1 | 422.8 | 497.4 | 599.7 | 698.5 | 740.2 | 753.0 | 764.8  | 773.6  |
| 42.5° | 297.7 | 302.5 | 326.7 | 378.5 | 456.6 | 570.8 | 695.0 | 760.0 | 775.8 | 792.0  | 805.2  |
| 45°   | 252.5 | 253.3 | 279.7 | 329.7 | 411.8 | 533.4 | 682.7 | 778.9 | 800.4 | 823.2  | 842.1  |
| 47.5° | 209.0 | 210.7 | 233.6 | 283.2 | 365.3 | 491.3 | 660.3 | 793.8 | 828.0 | 857.5  | 885.1  |
| 50°   | 170.4 | 172.5 | 193.2 | 237.5 | 318.7 | 445.2 | 630.0 | 802.6 | 851.8 | 891.7  | 930.3  |
| 52.5° | 138.7 | 141.4 | 158.5 | 197.6 | 271.8 | 396.9 | 592.7 | 803.9 | 873.3 | 925.9  | 977.3  |
| 55°   | 115.5 | 117.2 | 130.4 | 161.6 | 226.5 | 346.8 | 550.1 | 797.3 | 887.3 | 956.7  | 1025.2 |
| 57.5° | 97.5  | 99.2  | 108.4 | 133.0 | 185.7 | 295.5 | 498.3 | 781.9 | 894.8 | 983.5  | 1073.5 |
| 60°   | 84.7  | 86.1  | 92.6  | 110.2 | 152.8 | 247.2 | 442.6 | 754.7 | 892.6 | 1000.1 | 1113.4 |
| 62.5° | 75.5  | 76.0  | 81.7  | 94.0  | 126.0 | 201.5 | 379.8 | 713.9 | 874.6 | 1002.3 | 1140.6 |
| 65°   | 67.2  | 67.6  | 71.1  | 79.9  | 103.6 | 162.0 | 314.4 | 657.7 | 840.3 | 987.0  | 1144.6 |
| 67.5° | 54.4  | 55.3  | 60.6  | 67.2  | 85.2  | 128.2 | 247.6 | 583.9 | 786.8 | 947.0  | 1122.2 |
| 70°   | 43.5  | 43.9  | 49.2  | 56.6  | 69.4  | 101.0 | 190.1 | 484.7 | 702.9 | 882.0  | 1064.2 |
| 72.5° | 32.5  | 33.4  | 38.2  | 45.7  | 56.6  | 78.2  | 137.4 | 366.6 | 562.0 | 743.7  | 926.8  |
| 75°   | 25.9  | 26.3  | 28.1  | 35.1  | 43.9  | 59.3  | 92.6  | 222.2 | 338.5 | 460.1  | 568.1  |
| 77.5° | 22.0  | 22.4  | 22.4  | 27.2  | 32.5  | 40.0  | 49.2  | 88.2  | 143.1 | 203.7  | 270.0  |
| 80°   | 18.0  | 18.9  | 17.1  | 20.2  | 23.3  | 23.3  | 22.8  | 42.1  | 67.6  | 95.7   | 125.6  |
| 82.5° | 13.2  | 14.0  | 13.2  | 14.0  | 14.0  | 12.7  | 11.9  | 15.8  | 21.5  | 29.4   | 32.1   |
| 85°   | 9.2   | 9.7   | 10.5  | 9.7   | 9.2   | 7.5   | 5.7   | 4.4   | 2.6   | 3.1    | 4.4    |
| 87.5° | 6.1   | 7.5   | 8.8   | 8.3   | 7.0   | 5.7   | 4.0   | 2.6   | 1.3   | 1.8    | 1.8    |
| 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: P1212024  
 CATALOG NUMBER: GKO-PB1C-830-U-T1

**CANDELA DISTRIBUTION (continued):**

|       | 85°    | 87.5°  | 90°    |
|-------|--------|--------|--------|
| 0°    | 591.0  | 591.0  | 591.0  |
| 2.5°  | 591.4  | 591.0  | 590.5  |
| 5°    | 593.6  | 593.2  | 592.7  |
| 7.5°  | 596.7  | 596.7  | 596.7  |
| 10°   | 601.5  | 602.4  | 602.4  |
| 12.5° | 607.6  | 608.5  | 608.5  |
| 15°   | 615.1  | 615.5  | 616.4  |
| 17.5° | 624.3  | 624.8  | 624.8  |
| 20°   | 635.3  | 634.9  | 635.7  |
| 22.5° | 646.3  | 646.3  | 646.3  |
| 25°   | 657.7  | 657.7  | 657.7  |
| 27.5° | 670.9  | 670.9  | 670.0  |
| 30°   | 685.4  | 685.4  | 685.4  |
| 32.5° | 702.9  | 703.4  | 703.8  |
| 35°   | 725.3  | 726.2  | 727.5  |
| 37.5° | 750.8  | 753.0  | 754.3  |
| 40°   | 781.1  | 781.9  | 784.1  |
| 42.5° | 814.9  | 817.5  | 817.9  |
| 45°   | 857.0  | 861.4  | 863.2  |
| 47.5° | 906.6  | 912.8  | 915.9  |
| 50°   | 962.0  | 969.0  | 973.4  |
| 52.5° | 1022.1 | 1033.5 | 1038.8 |
| 55°   | 1086.2 | 1106.0 | 1111.7 |
| 57.5° | 1158.6 | 1185.4 | 1193.3 |
| 60°   | 1229.8 | 1267.5 | 1280.3 |
| 62.5° | 1290.4 | 1343.5 | 1359.3 |
| 65°   | 1332.9 | 1397.0 | 1420.3 |
| 67.5° | 1341.7 | 1417.7 | 1445.3 |
| 70°   | 1289.0 | 1366.8 | 1398.8 |
| 72.5° | 1120.9 | 1191.1 | 1231.1 |
| 75°   | 662.1  | 712.6  | 700.3  |
| 77.5° | 332.4  | 346.8  | 349.0  |
| 80°   | 145.8  | 154.5  | 158.1  |
| 82.5° | 36.0   | 36.9   | 41.7   |
| 85°   | 4.8    | 5.7    | 5.3    |
| 87.5° | 1.8    | 1.8    | 2.2    |
| 90°   | 0.0    | 0.0    | 0.0    |

(END OF REPORT)