

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: P1211949

Luminaire Tested: **GKO-PB2C-735-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211949
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-735-U-T2U
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

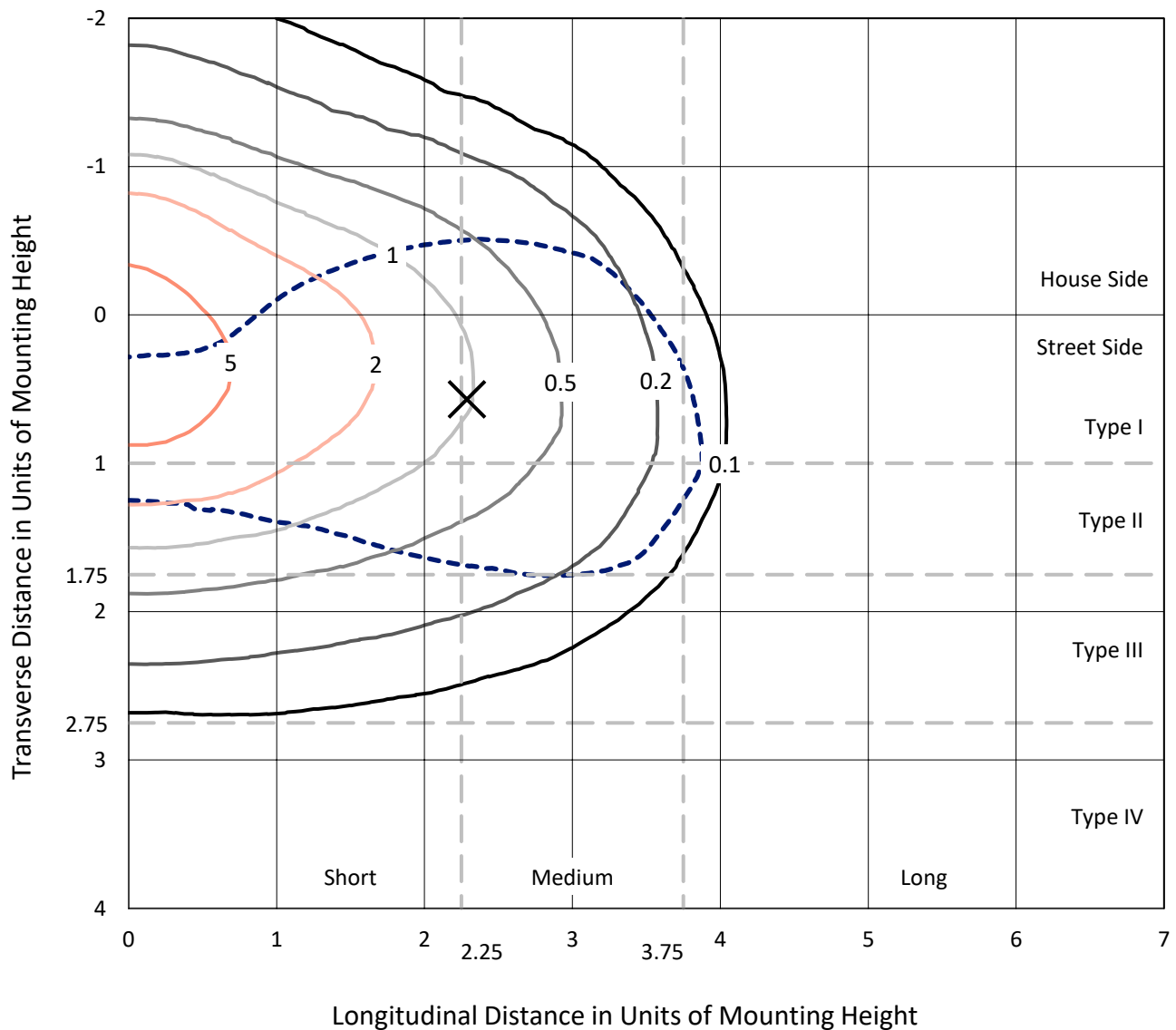
Lumens per Lamp: N/A
Luminaire Lumens: 7957.9 lumens
Efficiency: N/A
Efficacy: 136.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 58.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211949
 CATALOG NUMBER: GKO-PB2C-735-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

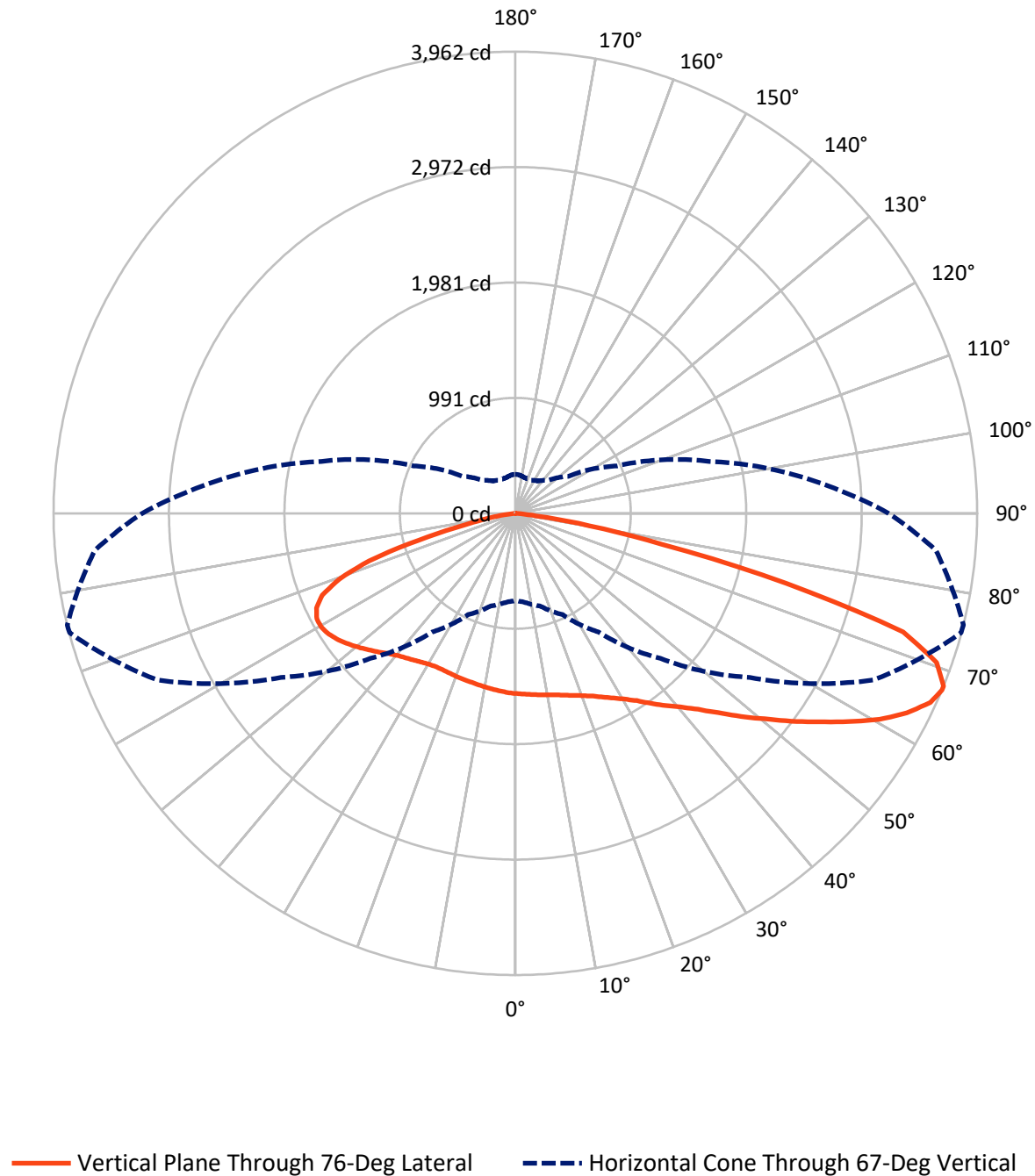
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.8 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211949
CATALOG NUMBER: GKO-PB2C-735-U-T2U

Luminous Intensity Polar Plot



REPORT NUMBER: P1211949

CATALOG NUMBER: GKO-PB2C-735-U-T2U

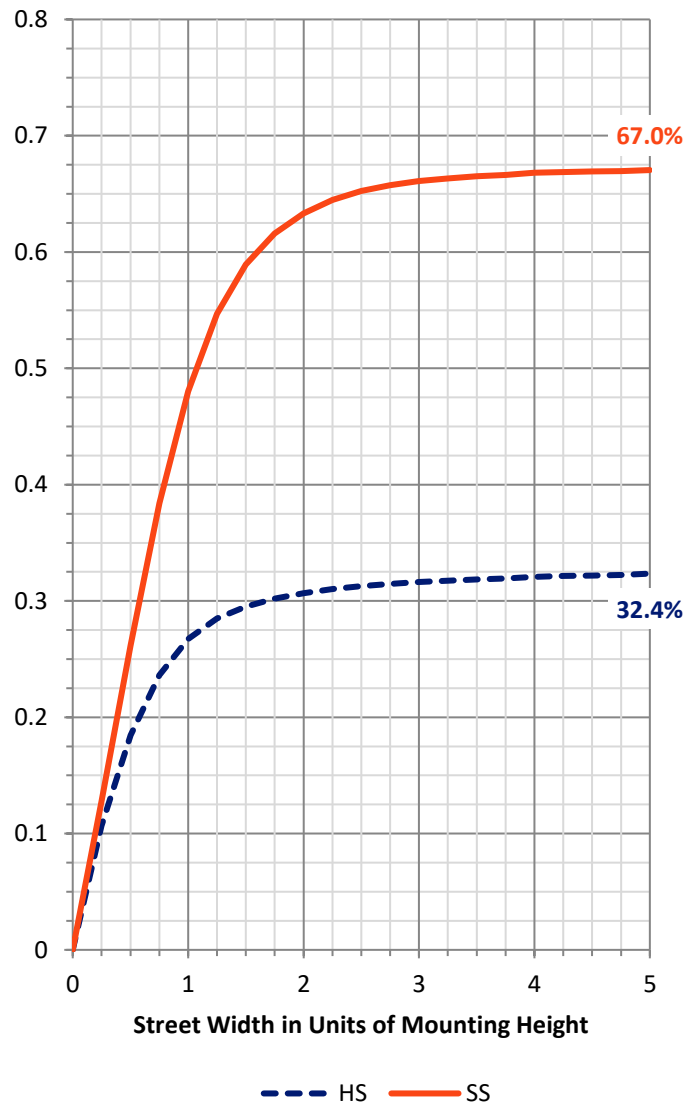
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2625.4	0.0	2625.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	5332.4	0.0	5332.4
	% Fixture	67.0	0.0	67.0
Total	Lumens	7957.9	0.0	7957.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.7	1.9
10°-20°	454.9	5.7
20°-30°	782.6	9.8
30°-40°	1124.6	14.1
40°-50°	1426.2	17.9
50°-60°	1566.1	19.7
60°-70°	1518.9	19.1
70°-80°	838.6	10.5
80°-90°	97.3	1.2
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°	7957.9	100.0
0°-180°	7957.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1211949

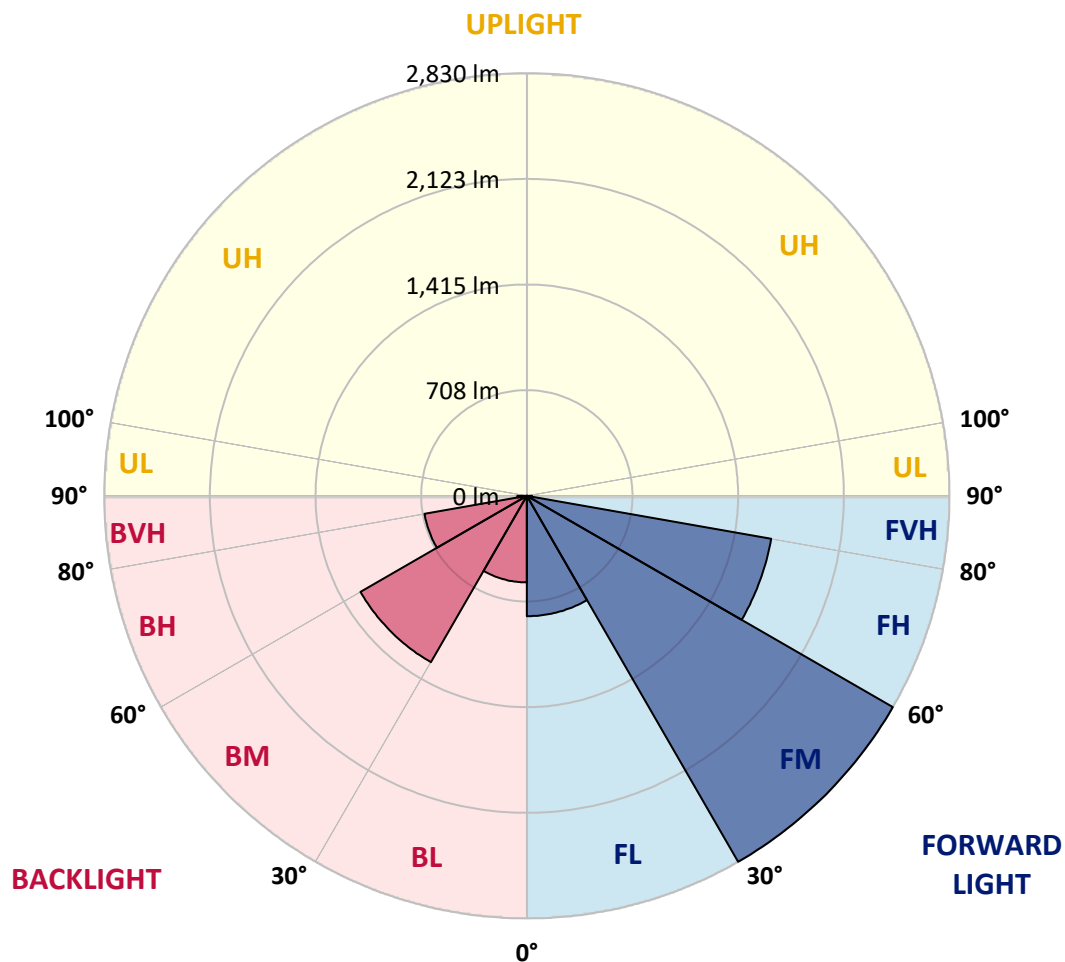
CATALOG NUMBER: GKO-PB2C-735-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	806.2	10.1			
FM	(30°-60°)	2830.4	35.6			
FH	(60°-80°)	1661.5	20.9			G1/1800
FVH	(80°-90°)	34.4	0.4			G1/100
BL	(0°-30°)	580.1	7.3	B2/1000		
BM	(30°-60°)	1286.5	16.2	B2/2500		
BH	(60°-80°)	695.9	8.7	B2/1000		G2/1000
BVH	(80°-90°)	62.9	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





REPORT NUMBER: P1211949

CATALOG NUMBER: GKO-PB2C-735-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9
2.5°	1593.1	1591.6	1590.0	1590.0	1583.9	1577.7	1571.6	1566.9	1554.6	1553.1	1546.9
5°	1640.8	1640.8	1636.2	1634.7	1625.4	1610.0	1596.2	1582.3	1565.4	1562.3	1548.5
7.5°	1702.4	1702.4	1694.7	1688.5	1674.7	1650.1	1625.4	1600.8	1576.2	1573.1	1551.5
10°	1780.9	1780.9	1774.7	1760.9	1731.6	1699.3	1659.3	1620.8	1588.5	1585.4	1554.6
12.5°	1862.5	1864.0	1854.8	1834.8	1799.4	1750.1	1700.8	1645.4	1603.9	1599.3	1560.8
15°	1945.6	1947.1	1941.0	1919.4	1871.7	1811.7	1745.5	1679.3	1623.9	1619.3	1570.0
17.5°	2027.2	2030.2	2024.1	1999.5	1944.0	1879.4	1797.8	1714.7	1648.5	1642.4	1585.4
20°	2104.1	2104.1	2104.1	2076.4	2022.5	1948.7	1854.8	1757.8	1676.2	1670.1	1603.9
22.5°	2173.4	2176.5	2181.1	2165.7	2104.1	2022.5	1921.0	1805.5	1711.6	1703.9	1627.0
25°	2242.7	2244.2	2256.5	2245.7	2185.7	2101.0	1991.8	1865.5	1754.7	1747.0	1654.7
27.5°	2322.7	2327.3	2335.0	2330.4	2262.7	2179.5	2070.3	1931.7	1802.4	1794.7	1688.5
30°	2416.6	2416.6	2421.2	2413.5	2345.8	2262.7	2148.8	2001.0	1862.5	1850.2	1730.1
32.5°	2493.5	2501.2	2498.2	2495.1	2424.3	2341.2	2228.8	2078.0	1931.7	1916.3	1787.0
35°	2565.9	2567.4	2565.9	2569.0	2498.2	2419.7	2313.5	2167.2	2008.7	2002.5	1859.4
37.5°	2607.5	2610.5	2618.2	2627.5	2564.4	2490.5	2398.1	2265.7	2104.1	2093.4	1945.6
40°	2627.5	2632.1	2673.6	2687.5	2619.8	2558.2	2487.4	2355.0	2196.5	2184.2	2031.8
42.5°	2658.2	2695.2	2716.7	2719.8	2661.3	2607.5	2564.4	2456.6	2310.4	2299.6	2147.2
45°	2556.7	2542.8	2599.8	2665.9	2662.9	2639.8	2638.2	2570.5	2450.5	2439.7	2278.1
47.5°	2428.9	2418.1	2448.9	2545.9	2615.1	2653.6	2710.6	2704.4	2619.8	2604.4	2430.4
50°	2124.1	2142.6	2293.5	2425.8	2545.9	2658.2	2772.2	2844.5	2784.5	2772.2	2592.1
52.5°	1839.4	1851.7	1954.8	2270.4	2456.6	2644.4	2826.0	2992.3	2976.9	2963.0	2769.1
55°	1639.3	1651.6	1816.3	2017.9	2324.2	2573.6	2861.4	3132.3	3172.3	3158.5	2956.9
57.5°	1429.9	1450.0	1562.3	1739.3	2147.2	2456.6	2873.7	3273.9	3384.8	3372.4	3136.9
60°	1228.3	1256.0	1322.2	1514.6	1928.7	2318.1	2841.4	3387.8	3589.5	3589.5	3323.2
62.5°	1042.1	1057.4	1126.7	1300.6	1651.6	2141.1	2759.8	3460.2	3777.3	3769.6	3486.4
65°	888.1	895.8	951.2	1100.5	1419.2	1945.6	2618.2	3455.6	3911.2	3912.7	3594.1
67°	749.6	761.9	823.5	958.9	1242.2	1760.9	2455.1	3386.3	3958.9	3962.0	3620.3
67.5°	701.9	715.7	783.5	923.5	1205.2	1710.1	2416.6	3357.1	3955.8	3962.0	3612.6
70°	483.3	486.4	600.3	760.4	991.3	1440.7	2150.3	3153.9	3838.8	3834.2	3444.8
72.5°	307.8	303.2	412.5	555.7	797.3	1166.7	1814.8	2798.3	3483.3	3478.7	3036.9
75°	204.7	209.3	278.6	397.1	560.3	902.0	1414.6	2111.8	2419.7	2401.2	2004.1
77.5°	146.2	143.1	172.4	286.3	375.6	548.0	768.1	1123.6	1285.3	1285.3	1100.5
80°	80.0	81.6	93.9	158.5	212.4	214.0	287.8	563.4	628.0	641.9	534.1
82.5°	23.1	24.6	33.9	53.9	58.5	64.6	100.0	161.6	169.3	178.6	144.7
85°	0.0	0.0	0.0	1.5	6.2	7.7	7.7	9.2	15.4	15.4	16.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.1	6.2	6.2	7.7
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: P1211949

CATALOG NUMBER: GKO-PB2C-735-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9	1546.9
2.5°	1545.4	1546.9	1540.8	1533.1	1526.9	1523.8	1514.6	1506.9	1511.5	1516.1	1516.1
5°	1543.8	1542.3	1530.0	1516.1	1506.9	1500.7	1485.4	1474.6	1476.1	1480.7	1479.2
7.5°	1543.8	1537.7	1520.8	1500.7	1485.4	1473.0	1453.0	1440.7	1439.2	1442.3	1439.2
10°	1545.4	1534.6	1511.5	1483.8	1462.3	1443.8	1419.2	1405.3	1400.7	1402.2	1399.2
12.5°	1548.5	1531.5	1502.3	1466.9	1439.2	1414.6	1386.8	1369.9	1366.8	1369.9	1369.9
15°	1553.1	1531.5	1494.6	1451.5	1414.6	1386.8	1359.1	1343.7	1343.7	1345.3	1345.3
17.5°	1562.3	1536.1	1488.4	1434.6	1389.9	1359.1	1334.5	1323.7	1325.3	1329.9	1329.9
20°	1571.6	1542.3	1482.3	1417.6	1368.4	1333.0	1313.0	1305.3	1311.4	1317.6	1317.6
22.5°	1585.4	1550.0	1476.1	1402.2	1343.7	1308.3	1291.4	1285.3	1291.4	1299.1	1296.0
25°	1607.0	1563.9	1471.5	1388.4	1320.7	1282.2	1265.2	1259.1	1262.2	1268.3	1268.3
27.5°	1631.6	1580.8	1470.0	1371.5	1293.0	1251.4	1231.4	1222.1	1222.1	1223.7	1225.2
30°	1673.1	1610.0	1476.1	1359.1	1268.3	1219.1	1192.9	1179.0	1177.5	1183.7	1183.7
32.5°	1722.4	1650.1	1491.5	1348.4	1243.7	1180.6	1145.2	1134.4	1131.3	1136.0	1131.3
35°	1777.8	1694.7	1511.5	1346.8	1219.1	1139.0	1099.0	1086.7	1077.5	1074.4	1071.3
37.5°	1856.3	1756.3	1531.5	1339.1	1194.4	1094.4	1051.3	1025.1	1014.4	1011.3	1011.3
40°	1933.3	1816.3	1556.2	1326.8	1165.2	1049.8	988.2	958.9	954.3	954.3	954.3
42.5°	2030.2	1894.8	1590.0	1319.1	1129.8	1005.1	920.5	886.6	886.6	886.6	885.1
45°	2150.3	1997.9	1633.1	1316.0	1095.9	951.2	848.1	803.5	801.9	800.4	798.9
47.5°	2290.4	2105.7	1674.7	1308.3	1055.9	886.6	765.0	715.7	705.0	701.9	697.3
50°	2435.1	2222.6	1719.3	1297.6	1008.2	811.2	686.5	629.5	606.5	598.8	601.8
52.5°	2589.0	2336.5	1762.4	1282.2	951.2	735.8	606.5	546.4	523.3	514.1	512.6
55°	2739.8	2452.0	1802.4	1262.2	889.7	658.8	538.7	480.2	460.2	457.2	457.2
57.5°	2892.2	2562.8	1833.2	1232.9	821.9	591.1	480.2	432.5	418.7	424.8	424.8
60°	3030.7	2659.8	1848.6	1192.9	754.2	529.5	434.1	398.7	392.5	407.9	406.4
62.5°	3155.4	2724.4	1840.9	1134.4	688.0	477.2	398.7	372.5	374.0	392.5	394.0
65°	3215.4	2735.2	1796.3	1054.4	614.2	432.5	361.7	337.1	340.2	360.2	364.8
67°	3201.6	2693.6	1722.4	963.6	554.1	398.7	338.6	314.0	315.5	332.5	334.0
67.5°	3186.2	2673.6	1702.4	935.9	538.7	392.5	332.5	309.4	312.5	327.9	327.9
70°	2981.5	2470.5	1517.7	794.2	466.4	349.4	303.2	287.8	290.9	300.1	300.1
72.5°	2605.9	2139.5	1228.3	637.2	395.6	309.4	274.0	264.7	264.7	264.7	257.1
75°	1662.4	1340.7	803.5	487.9	326.3	264.7	246.3	235.5	229.3	238.6	235.5
77.5°	918.9	700.3	418.7	280.1	235.5	220.1	214.0	209.3	207.8	229.3	223.2
80°	435.6	346.3	235.5	160.1	135.5	163.2	184.7	181.6	217.0	297.1	298.6
82.5°	138.5	113.9	95.4	87.7	90.8	117.0	143.1	164.7	281.7	318.6	314.0
85°	16.9	15.4	10.8	35.4	60.0	86.2	110.8	214.0	258.6	215.5	203.2
87.5°	6.2	6.2	6.2	24.6	46.2	66.2	100.0	215.5	158.5	144.7	132.4
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)