

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: P1211920

Luminaire Tested: **GKO-PB2B-835-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211920
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-835-U-T2R
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

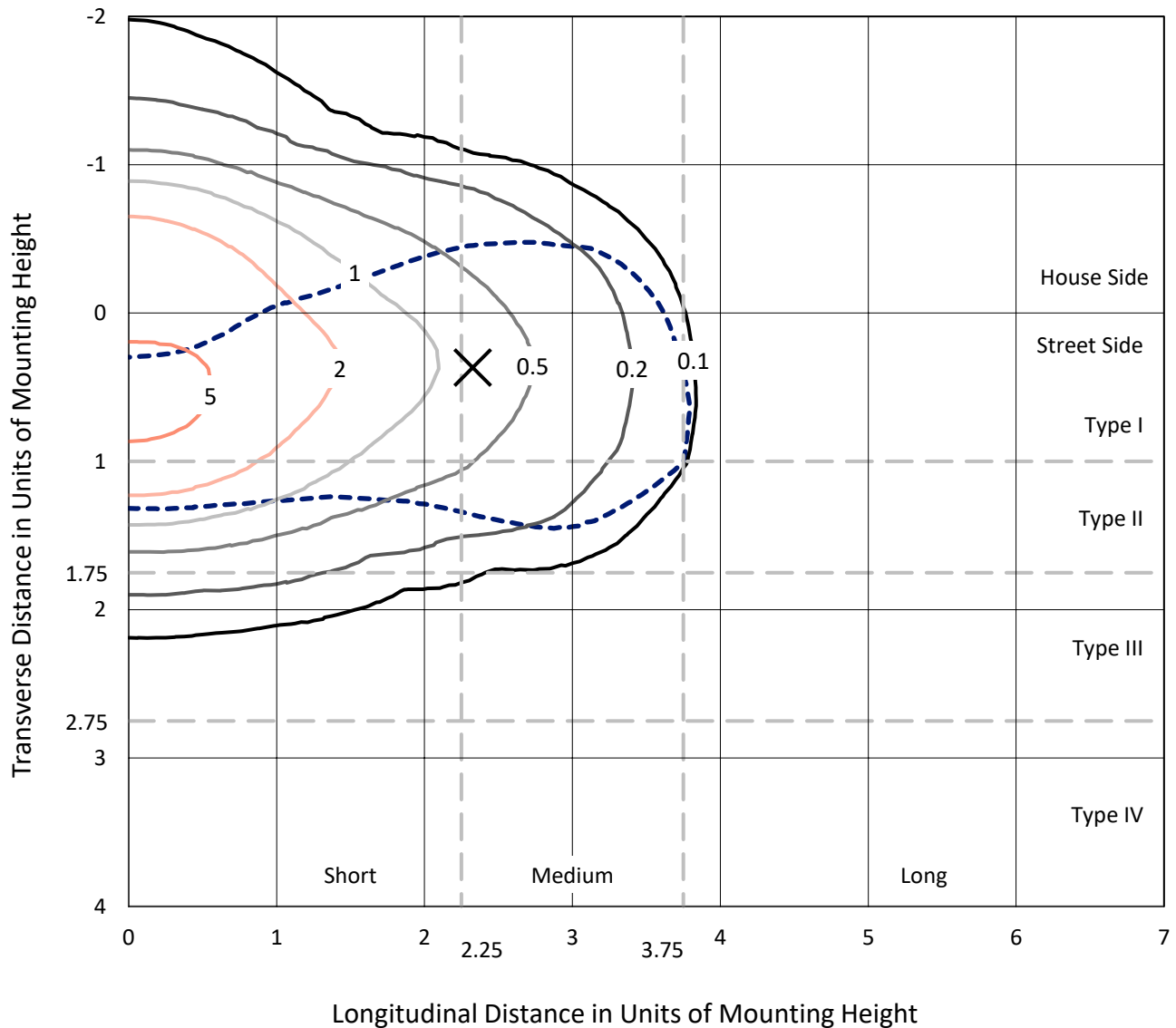
Lumens per Lamp: N/A
Luminaire Lumens: 5760.5 lumens
Efficiency: N/A
Efficacy: 137.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 41.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211920
 CATALOG NUMBER: GKO-PB2B-835-U-T2R

Iso-Footcandle Lines of Horizontal Illumination

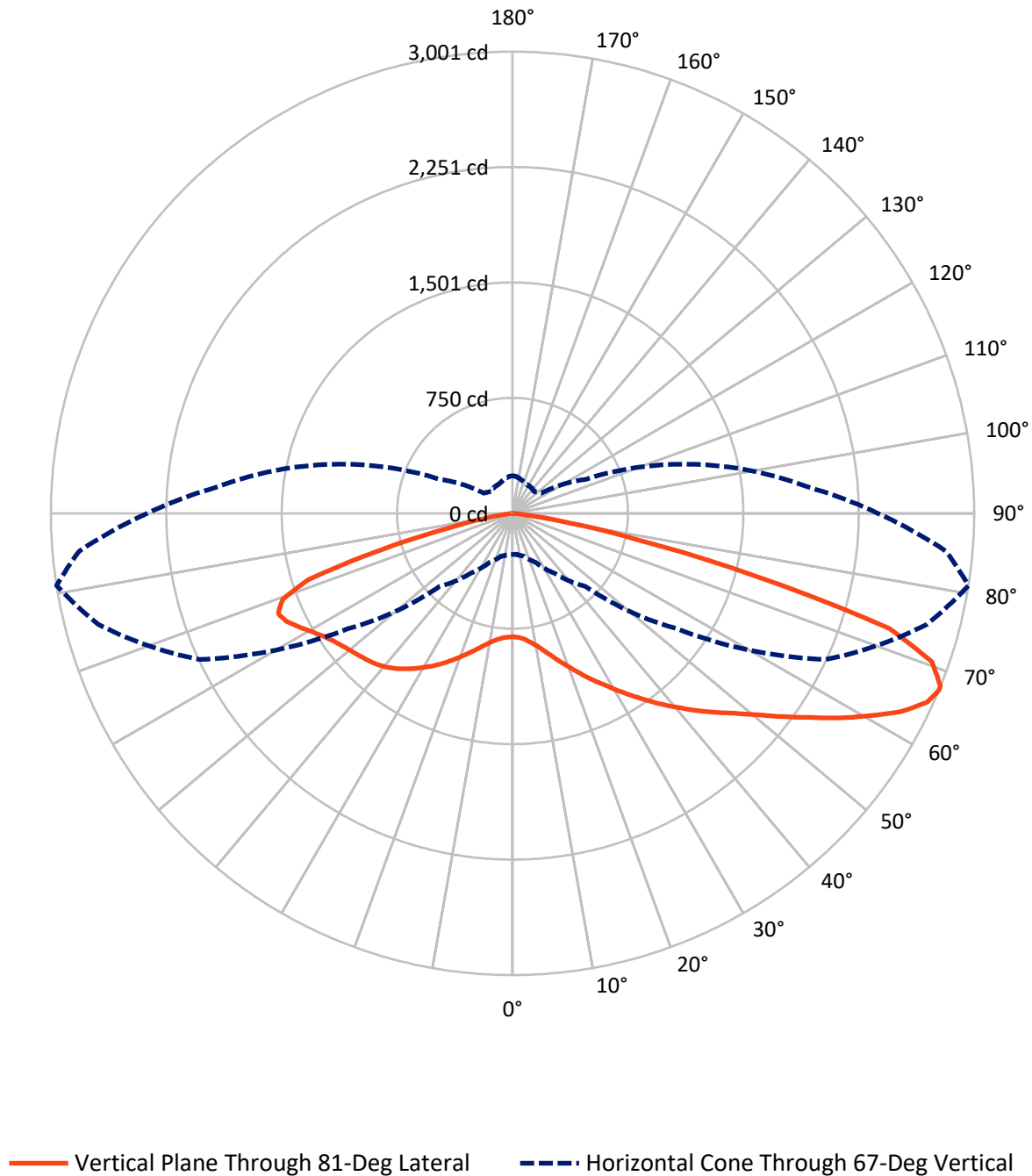
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211920
CATALOG NUMBER: GKO-PB2B-835-U-T2R

Luminous Intensity Polar Plot



REPORT NUMBER: P1211920

CATALOG NUMBER: GKO-PB2B-835-U-T2R

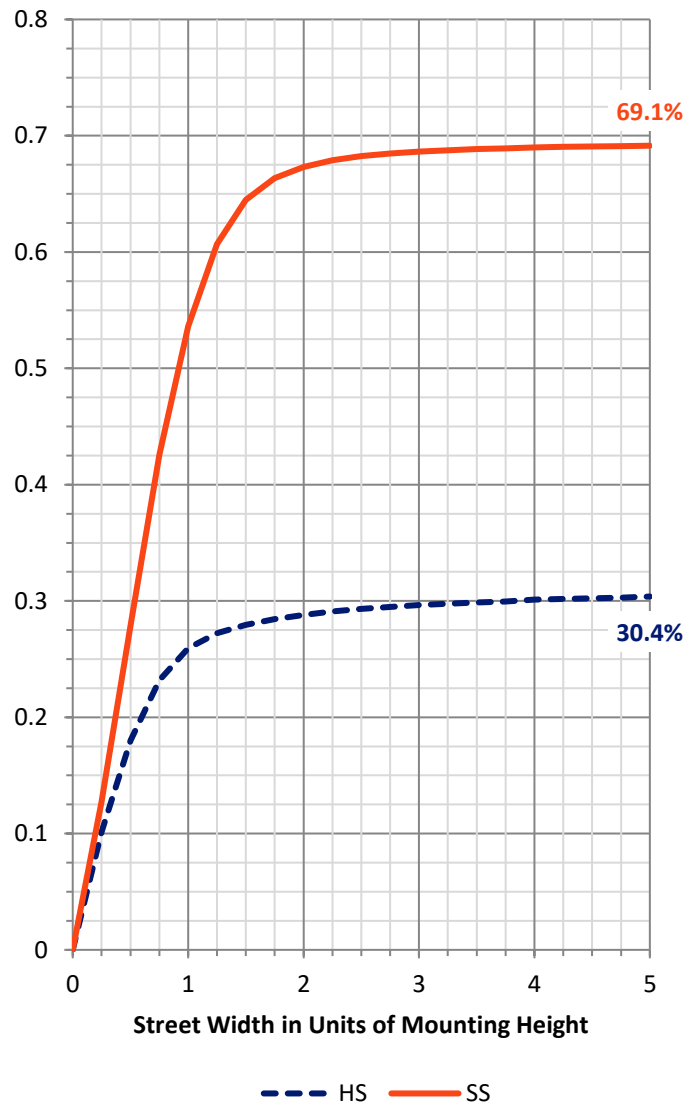
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1778.8	0.0	1778.8
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	3981.7	0.0	3981.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	5760.5	0.0	5760.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	1.4
10°-20°	300.9	5.2
20°-30°	609.5	10.6
30°-40°	961.1	16.7
40°-50°	1180.2	20.5
50°-60°	1127.5	19.6
60°-70°	945.6	16.4
70°-80°	500.9	8.7
80°-90°	51.7	0.9
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°	5760.5	100.0
0°-180°	5760.5	100.0

Coefficient of Utilization



REPORT NUMBER: P1211920

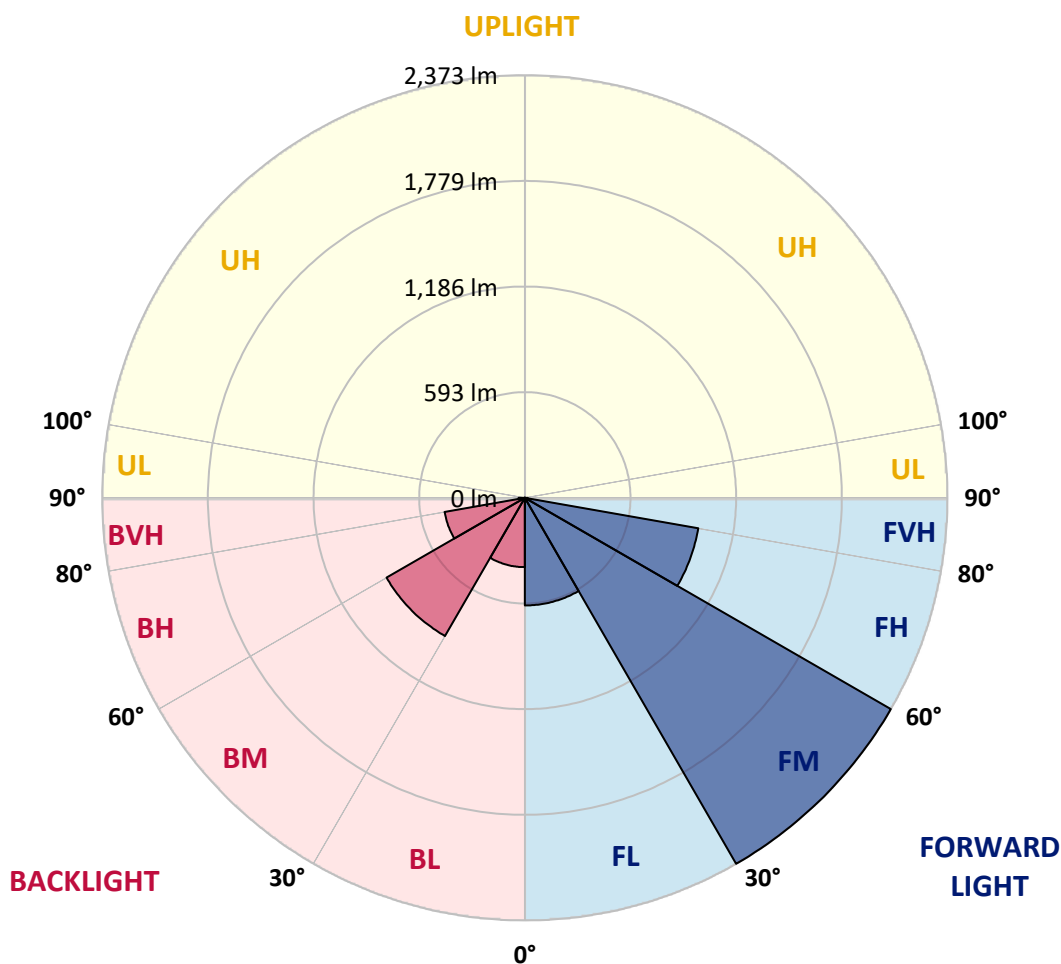
CATALOG NUMBER: GKO-PB2B-835-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	604.2	10.5			
FM	(30°-60°)	2372.5	41.2			
FH	(60°-80°)	988.9	17.2			G1/1800
FVH	(80°-90°)	16.1	0.3			G1/100
BL	(0°-30°)	389.3	6.8	B1/500		
BM	(30°-60°)	896.3	15.6	B1/1000		
BH	(60°-80°)	457.6	7.9	B1/500		G1/500
BVH	(80°-90°)	35.7	0.6			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 II Medium



REPORT NUMBER: P1211920

CATALOG NUMBER: GKO-PB2B-835-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4
2.5°	848.7	850.9	846.5	845.4	841.0	834.4	826.7	821.2	812.3	807.9	805.7
5°	929.2	924.8	921.5	916.0	900.5	887.3	865.3	849.8	833.3	822.3	819.0
7.5°	1027.3	1029.5	1018.5	1004.1	982.1	955.6	920.4	891.7	860.8	846.5	839.9
10°	1134.2	1143.0	1132.0	1114.4	1072.5	1032.8	989.8	940.2	898.3	876.3	867.5
12.5°	1264.3	1269.8	1255.4	1232.3	1181.6	1122.1	1061.4	999.7	944.6	917.1	901.6
15°	1409.8	1405.3	1391.0	1356.8	1291.8	1225.7	1143.0	1062.5	997.5	963.3	941.3
17.5°	1559.7	1554.1	1535.4	1491.3	1417.5	1334.8	1236.7	1135.3	1053.7	1016.3	986.5
20°	1702.9	1697.4	1684.2	1634.6	1545.3	1443.9	1329.3	1219.1	1117.7	1071.4	1038.3
22.5°	1861.7	1857.3	1836.3	1775.7	1679.8	1568.5	1435.1	1303.9	1187.1	1132.0	1092.3
25°	2033.6	2034.7	2011.6	1926.7	1818.7	1688.6	1548.6	1399.8	1265.4	1195.9	1150.7
27.5°	2234.2	2233.1	2193.4	2102.0	1966.4	1816.5	1661.1	1500.1	1342.5	1261.0	1209.1
30°	2416.1	2411.7	2367.6	2276.1	2119.6	1950.9	1780.1	1597.1	1429.6	1332.6	1269.8
32.5°	2550.6	2551.7	2515.3	2415.0	2261.8	2082.1	1891.4	1706.3	1513.4	1409.8	1340.3
35°	2647.6	2648.7	2613.4	2527.4	2384.1	2204.5	2009.4	1808.8	1607.1	1489.1	1414.2
37.5°	2678.4	2678.4	2655.3	2588.0	2471.2	2314.7	2125.1	1925.6	1700.7	1575.1	1489.1
40°	2636.5	2639.8	2638.7	2594.6	2514.2	2390.7	2232.0	2038.0	1805.5	1660.0	1565.2
42.5°	2541.7	2543.9	2547.3	2530.7	2505.4	2431.5	2318.0	2152.7	1910.2	1752.5	1640.1
45°	2385.2	2394.0	2410.6	2417.2	2427.1	2421.6	2370.9	2259.6	2027.0	1845.1	1714.0
47.5°	2186.8	2201.2	2223.2	2262.9	2318.0	2362.1	2384.1	2342.2	2140.5	1941.0	1796.6
50°	1911.3	1926.7	1986.2	2068.9	2178.0	2264.0	2347.7	2404.0	2267.3	2057.9	1889.2
52.5°	1529.9	1563.0	1663.3	1822.0	2009.4	2137.2	2270.6	2433.7	2396.2	2195.6	1999.4
55°	1164.0	1176.1	1305.0	1495.7	1784.5	2000.5	2164.8	2418.3	2517.5	2340.0	2125.1
57.5°	813.4	826.7	939.1	1147.4	1467.1	1822.0	2059.0	2366.5	2627.7	2509.8	2269.5
60°	577.6	591.9	675.7	830.0	1139.7	1561.9	1960.9	2300.4	2723.6	2670.7	2435.9
62.5°	419.9	427.7	471.8	601.8	823.4	1221.3	1820.9	2257.4	2790.8	2838.2	2606.8
65°	321.9	329.6	354.9	436.5	608.4	892.8	1569.6	2256.3	2808.5	2961.7	2754.5
67°	267.8	266.7	288.8	350.5	475.1	671.3	1310.6	2247.4	2788.6	3001.4	2829.4
67.5°	253.5	257.9	275.6	327.4	448.6	618.4	1254.3	2233.1	2782.0	3000.3	2834.9
70°	201.7	202.8	218.2	259.0	337.3	448.6	902.7	2092.0	2681.7	2892.3	2773.2
72.5°	147.7	146.6	169.7	196.2	257.9	326.3	605.1	1757.0	2464.6	2562.7	2465.7
75°	109.1	108.0	120.1	149.9	184.1	243.6	392.4	1146.3	1668.8	1630.2	1505.6
77.5°	72.7	75.0	86.0	110.2	131.2	151.0	196.2	528.0	919.3	831.1	800.2
80°	44.1	40.8	48.5	62.8	76.1	77.2	83.8	228.2	394.6	375.9	352.7
82.5°	15.4	15.4	18.7	25.4	25.4	25.4	30.9	55.1	78.3	71.6	68.3
85°	0.0	0.0	0.0	0.0	2.2	3.3	2.2	4.4	7.7	8.8	8.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.2	3.3	4.4	4.4
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: P1211920

CATALOG NUMBER: GKO-PB2B-835-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4	802.4
2.5°	805.7	805.7	802.4	798.0	795.8	794.7	791.4	787.0	790.3	793.6	793.6
5°	816.8	814.5	807.9	803.5	800.2	800.2	795.8	794.7	798.0	801.3	800.2
7.5°	834.4	830.0	822.3	815.7	816.8	817.9	811.2	811.2	814.5	817.9	817.9
10°	858.6	850.9	843.2	837.7	838.8	839.9	833.3	831.1	834.4	837.7	839.9
12.5°	889.5	879.6	870.8	865.3	864.1	865.3	858.6	856.4	856.4	858.6	858.6
15°	925.9	914.9	903.8	896.1	893.9	892.8	884.0	876.3	876.3	877.4	877.4
17.5°	967.8	952.3	938.0	929.2	923.7	916.0	906.0	895.0	891.7	892.8	892.8
20°	1009.6	993.1	974.4	962.2	951.2	938.0	922.6	908.2	901.6	901.6	900.5
22.5°	1058.1	1036.1	1010.7	994.2	974.4	952.3	930.3	911.5	904.9	902.7	902.7
25°	1107.7	1082.4	1046.0	1020.7	992.0	960.0	931.4	906.0	895.0	890.6	890.6
27.5°	1158.4	1128.7	1081.3	1044.9	1003.0	958.9	920.4	888.4	873.0	867.5	865.3
30°	1215.8	1172.8	1112.2	1062.5	1005.2	949.0	899.4	861.9	838.8	825.6	826.7
32.5°	1275.3	1221.3	1140.8	1073.6	1001.9	930.3	867.5	820.1	790.3	778.2	773.8
35°	1335.9	1267.6	1166.2	1079.1	990.9	901.6	826.7	773.8	740.7	723.1	723.1
37.5°	1397.6	1316.1	1183.8	1078.0	971.1	864.1	779.3	723.1	684.5	662.4	656.9
40°	1458.3	1361.3	1197.0	1069.2	941.3	819.0	728.6	668.0	616.1	587.5	583.1
42.5°	1517.8	1398.7	1203.6	1054.8	906.0	769.4	671.3	589.7	540.1	513.6	512.5
45°	1571.8	1428.5	1204.7	1036.1	859.7	713.1	594.1	515.8	466.2	438.7	438.7
47.5°	1624.7	1461.6	1203.6	1011.8	809.0	640.4	512.5	436.5	391.3	373.7	368.1
50°	1688.6	1494.6	1202.5	982.1	744.0	553.3	433.2	368.1	329.6	311.9	311.9
52.5°	1753.6	1533.2	1204.7	940.2	666.8	468.4	362.6	305.3	280.0	268.9	267.8
55°	1837.4	1574.0	1210.2	890.6	586.4	385.8	302.0	263.4	245.8	240.3	241.4
57.5°	1938.8	1630.2	1221.3	832.2	492.7	316.3	259.0	238.1	233.7	235.9	237.0
60°	2054.6	1699.6	1236.7	766.0	410.0	263.4	233.7	229.3	233.7	242.5	243.6
62.5°	2189.0	1783.4	1256.5	692.2	328.5	231.5	222.7	226.0	229.3	243.6	244.7
65°	2308.1	1873.8	1261.0	605.1	266.7	210.5	216.0	218.2	227.1	243.6	244.7
67°	2375.3	1935.5	1231.2	522.5	228.2	199.5	207.2	209.4	224.9	241.4	243.6
67.5°	2383.0	1948.7	1211.4	501.5	220.4	197.3	205.0	209.4	224.9	241.4	242.5
70°	2359.9	1939.9	1079.1	378.1	181.9	181.9	190.7	200.6	216.0	233.7	241.4
72.5°	2153.8	1769.1	835.5	256.8	154.3	164.2	177.5	191.8	206.1	227.1	240.3
75°	1361.3	1138.6	511.4	171.9	129.0	146.6	167.5	184.1	196.2	211.6	220.4
77.5°	727.5	563.2	220.4	101.4	101.4	130.1	155.4	170.8	177.5	183.0	188.5
80°	343.9	262.3	106.9	60.6	70.5	101.4	137.8	154.3	156.5	163.1	165.3
82.5°	68.3	59.5	35.3	32.0	46.3	72.7	114.6	133.4	134.5	145.5	147.7
85°	8.8	7.7	5.5	12.1	29.8	54.0	88.2	114.6	116.8	116.8	114.6
87.5°	4.4	3.3	3.3	8.8	22.0	40.8	72.7	95.9	97.0	76.1	73.8
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)