

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: P1211912

Luminaire Tested: **GKO-PB1E-835-U-T2R**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211912
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-835-U-T2R
Description: GEKKO WALL PACK 5000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

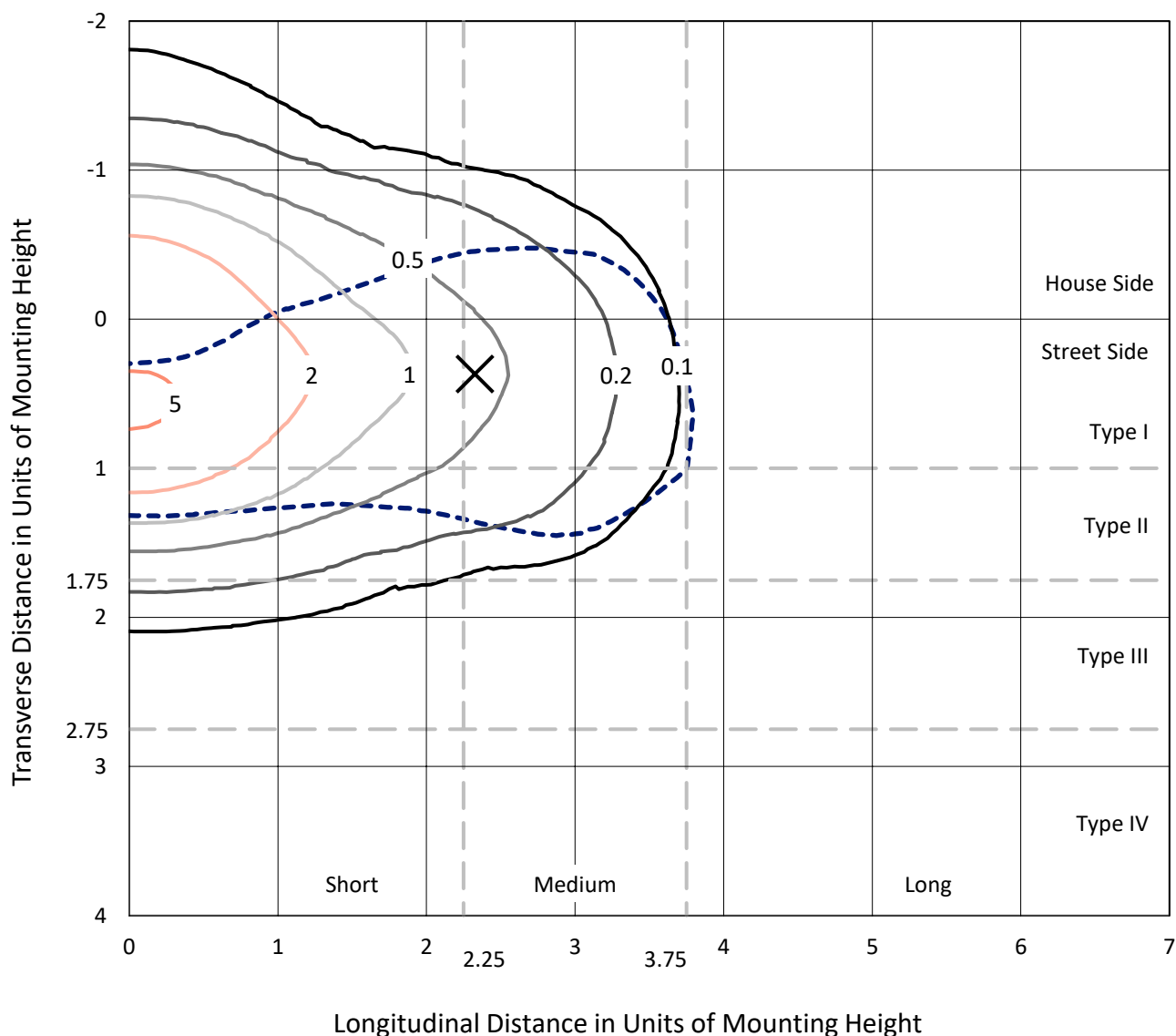
Lumens per Lamp: N/A
Luminaire Lumens: 4677.3 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211912
 CATALOG NUMBER: GKO-PB1E-835-U-T2R

Iso-Footcandle Lines of Horizontal Illumination

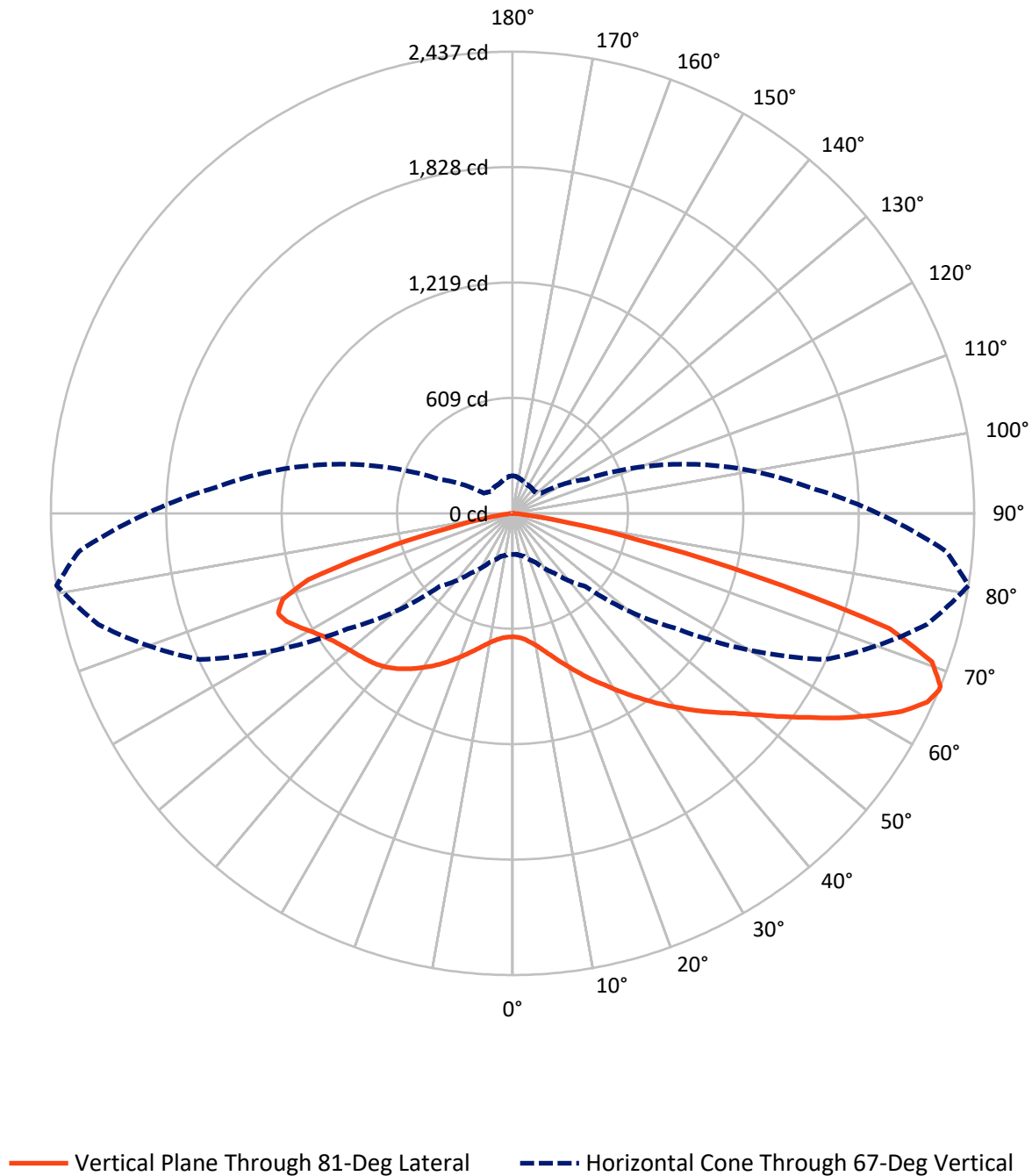
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.6 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211912
CATALOG NUMBER: GKO-PB1E-835-U-T2R

Luminous Intensity Polar Plot



REPORT NUMBER: P1211912

CATALOG NUMBER: GKO-PB1E-835-U-T2R

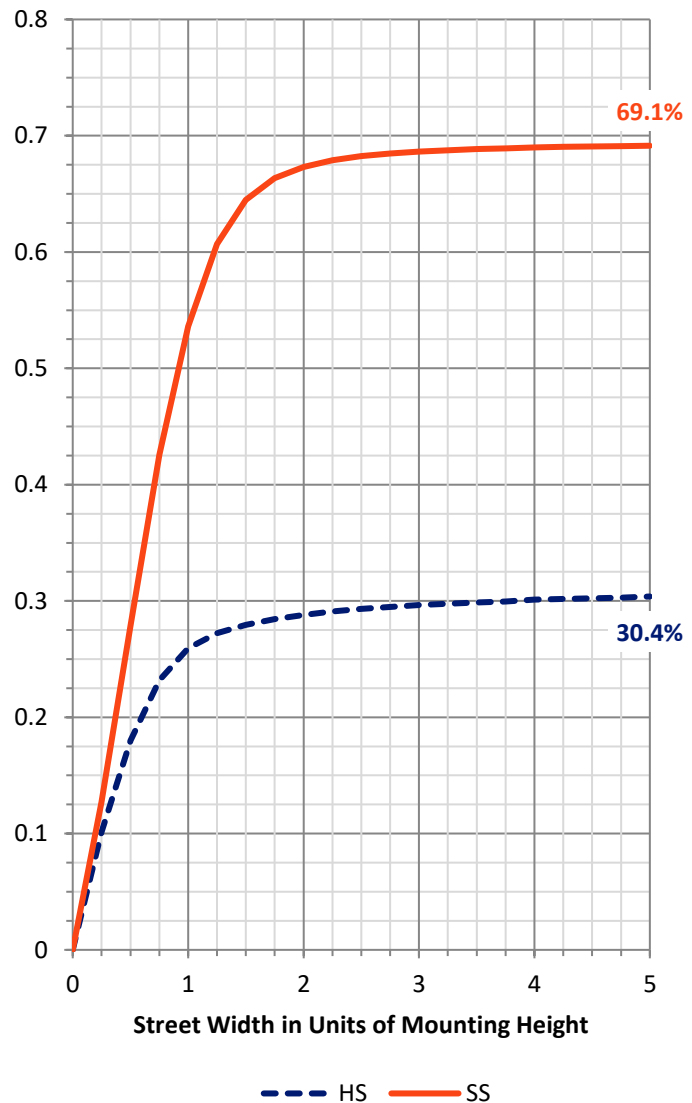
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1444.3	0.0	1444.3
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	3233.0	0.0	3233.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	4677.3	0.0	4677.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	1.4
10°-20°	244.3	5.2
20°-30°	494.9	10.6
30°-40°	780.3	16.7
40°-50°	958.3	20.5
50°-60°	915.5	19.6
60°-70°	767.8	16.4
70°-80°	406.7	8.7
80°-90°	42.0	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°	4677.3	100.0
0°-180°	4677.3	100.0

Coefficient of Utilization



REPORT NUMBER: P1211912

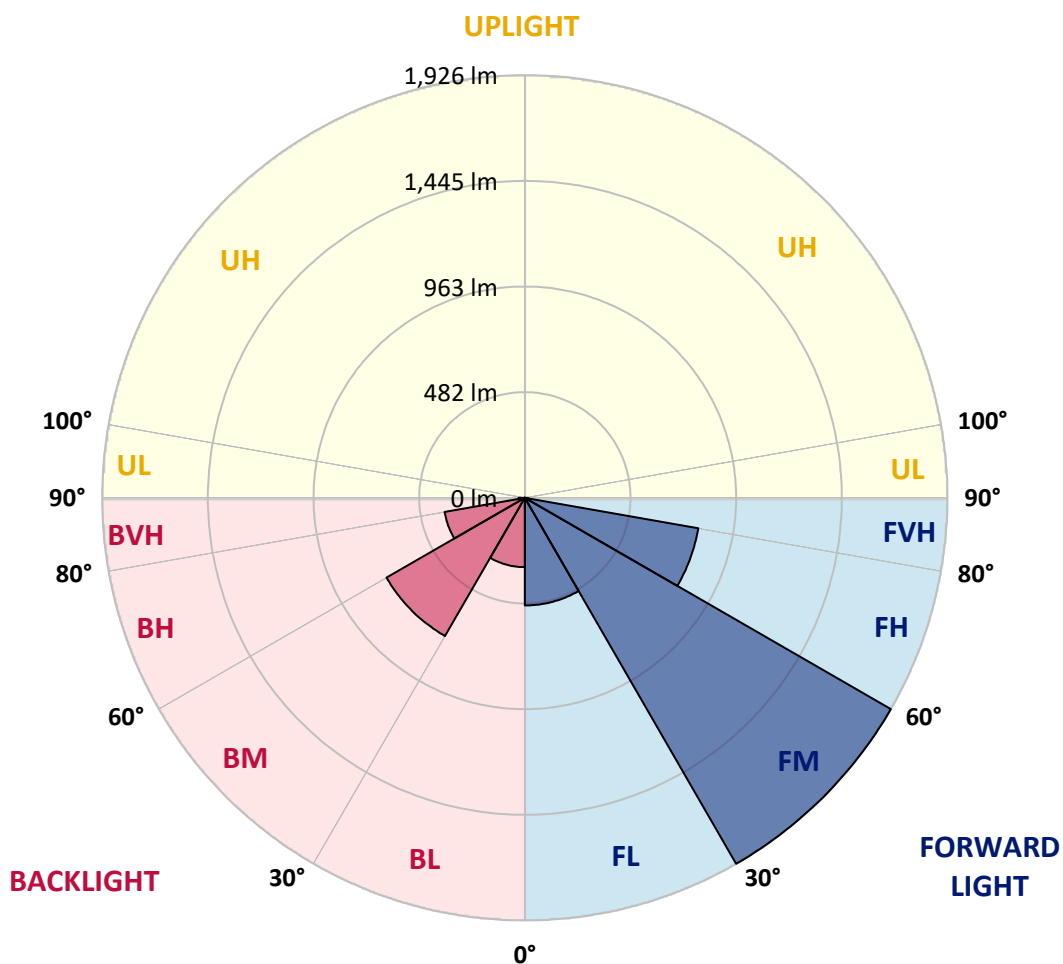
CATALOG NUMBER: GKO-PB1E-835-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	490.6	10.5			
FM	(30°-60°)	1926.4	41.2			
FH	(60°-80°)	802.9	17.2			G1/1800
FVH	(80°-90°)	13.1	0.3			G1/100
BL	(0°-30°)	316.1	6.8	B1/500		
BM	(30°-60°)	727.8	15.6	B1/1000		
BH	(60°-80°)	371.5	7.9	B1/500		G1/500
BVH	(80°-90°)	29.0	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: P1211912

CATALOG NUMBER: GKO-PB1E-835-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5
2.5°	689.1	690.9	687.3	686.4	682.9	677.5	671.2	666.8	659.6	656.0	654.2
5°	754.5	750.9	748.2	743.7	731.2	720.4	702.6	690.0	676.6	667.6	665.0
7.5°	834.1	835.9	827.0	815.3	797.4	775.9	747.3	724.0	699.0	687.3	682.0
10°	920.9	928.1	919.1	904.8	870.8	838.6	803.7	763.4	729.4	711.5	704.3
12.5°	1026.5	1031.0	1019.4	1000.6	959.4	911.1	861.9	811.7	767.0	744.6	732.1
15°	1144.7	1141.1	1129.5	1101.7	1048.9	995.2	928.1	862.7	809.9	782.2	764.3
17.5°	1266.4	1261.9	1246.7	1210.9	1150.9	1083.8	1004.2	921.8	855.6	825.2	801.0
20°	1382.7	1378.3	1367.5	1327.2	1254.7	1172.4	1079.3	989.8	907.5	869.9	843.1
22.5°	1511.6	1508.0	1491.0	1441.8	1363.9	1273.5	1165.2	1058.7	963.9	919.1	886.9
25°	1651.2	1652.1	1633.3	1564.4	1476.7	1371.1	1257.4	1136.6	1027.4	971.0	934.3
27.5°	1814.1	1813.2	1781.0	1706.7	1596.6	1474.9	1348.7	1218.1	1090.1	1023.8	981.8
30°	1961.8	1958.2	1922.4	1848.1	1721.0	1584.1	1445.4	1296.8	1160.8	1082.0	1031.0
32.5°	2071.0	2071.9	2042.3	1960.9	1836.5	1690.6	1535.8	1385.4	1228.8	1144.7	1088.3
35°	2149.7	2150.6	2122.0	2052.2	1935.8	1789.9	1631.5	1468.6	1304.9	1209.1	1148.2
37.5°	2174.8	2174.8	2156.0	2101.4	2006.5	1879.4	1725.5	1563.5	1380.9	1278.9	1209.1
40°	2140.8	2143.4	2142.6	2106.8	2041.4	1941.2	1812.3	1654.8	1466.0	1347.8	1270.9
42.5°	2063.8	2065.6	2068.3	2054.8	2034.3	1974.3	1882.1	1747.9	1551.0	1423.0	1331.7
45°	1936.7	1943.9	1957.3	1962.7	1970.7	1966.2	1925.1	1834.7	1645.8	1498.2	1391.7
47.5°	1775.6	1787.3	1805.2	1837.4	1882.1	1917.9	1935.8	1901.8	1738.0	1576.0	1458.8
50°	1551.9	1564.4	1612.7	1679.9	1768.5	1838.3	1906.3	1951.9	1841.0	1670.9	1534.0
52.5°	1242.2	1269.1	1350.5	1479.4	1631.5	1735.3	1843.6	1976.1	1945.7	1782.8	1623.5
55°	945.1	954.9	1059.6	1214.5	1449.0	1624.4	1757.7	1963.6	2044.1	1900.0	1725.5
57.5°	660.5	671.2	762.5	931.7	1191.2	1479.4	1671.8	1921.5	2133.6	2037.8	1842.7
60°	469.0	480.6	548.6	673.9	925.4	1268.2	1592.1	1867.8	2211.5	2168.5	1977.9
62.5°	341.0	347.2	383.0	488.7	668.5	991.6	1478.5	1832.9	2266.1	2304.5	2116.6
65°	261.3	267.6	288.2	354.4	494.0	724.9	1274.4	1832.0	2280.4	2404.8	2236.5
67°	217.5	216.6	234.5	284.6	385.7	545.0	1064.1	1824.8	2264.3	2437.0	2297.4
67.5°	205.8	209.4	223.7	265.8	364.3	502.1	1018.5	1813.2	2258.9	2436.1	2301.9
70°	163.8	164.7	177.2	210.3	273.9	364.3	733.0	1698.7	2177.5	2348.4	2251.7
72.5°	119.9	119.0	137.8	159.3	209.4	264.9	491.3	1426.6	2001.1	2080.8	2002.0
75°	88.6	87.7	97.6	121.7	149.5	197.8	318.6	930.8	1355.0	1323.7	1222.5
77.5°	59.1	60.9	69.8	89.5	106.5	122.6	159.3	428.7	746.4	674.8	649.7
80°	35.8	33.1	39.4	51.0	61.8	62.6	68.0	185.3	320.4	305.2	286.4
82.5°	12.5	12.5	15.2	20.6	20.6	20.6	25.1	44.7	63.5	58.2	55.5
85°	0.0	0.0	0.0	0.0	1.8	2.7	1.8	3.6	6.3	7.2	7.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8	2.7	3.6	3.6
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: P1211912

CATALOG NUMBER: GKO-PB1E-835-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5
2.5°	654.2	654.2	651.5	648.0	646.2	645.3	642.6	639.0	641.7	644.4	644.4
5°	663.2	661.4	656.0	652.4	649.7	649.7	646.2	645.3	648.0	650.6	649.7
7.5°	677.5	673.9	667.6	662.3	663.2	664.1	658.7	658.7	661.4	664.1	664.1
10°	697.2	690.9	684.7	680.2	681.1	682.0	676.6	674.8	677.5	680.2	682.0
12.5°	722.2	714.2	707.0	702.6	701.7	702.6	697.2	695.4	695.4	697.2	697.2
15°	751.8	742.8	733.9	727.6	725.8	724.9	717.8	711.5	711.5	712.4	712.4
17.5°	785.8	773.3	761.6	754.5	750.0	743.7	735.7	726.7	724.0	724.9	724.9
20°	819.8	806.4	791.2	781.3	772.4	761.6	749.1	737.5	732.1	732.1	731.2
22.5°	859.2	841.3	820.7	807.3	791.2	773.3	755.4	740.1	734.8	733.0	733.0
25°	899.4	878.9	849.3	828.7	805.5	779.5	756.2	735.7	726.7	723.1	723.1
27.5°	940.6	916.4	878.0	848.4	814.4	778.6	747.3	721.3	708.8	704.3	702.6
30°	987.2	952.2	903.0	862.7	816.2	770.6	730.3	699.9	681.1	670.3	671.2
32.5°	1035.5	991.6	926.3	871.7	813.5	755.4	704.3	665.9	641.7	631.8	628.3
35°	1084.7	1029.2	946.9	876.2	804.6	732.1	671.2	628.3	601.4	587.1	587.1
37.5°	1134.8	1068.6	961.2	875.3	788.5	701.7	632.7	587.1	555.8	537.9	533.4
40°	1184.0	1105.3	971.9	868.1	764.3	665.0	591.6	542.4	500.3	477.0	473.4
42.5°	1232.4	1135.7	977.3	856.5	735.7	624.7	545.0	478.8	438.5	417.1	416.2
45°	1276.2	1159.9	978.2	841.3	698.1	579.0	482.4	418.8	378.6	356.2	356.2
47.5°	1319.2	1186.7	977.3	821.6	656.9	520.0	416.2	354.4	317.7	303.4	298.9
50°	1371.1	1213.6	976.4	797.4	604.1	449.3	351.7	298.9	267.6	253.3	253.3
52.5°	1423.9	1244.9	978.2	763.4	541.5	380.4	294.4	247.9	227.3	218.4	217.5
55°	1491.9	1278.0	982.7	723.1	476.1	313.2	245.2	213.9	199.6	195.1	196.0
57.5°	1574.2	1323.7	991.6	675.7	400.1	256.9	210.3	193.3	189.7	191.5	192.4
60°	1668.2	1380.0	1004.2	622.0	332.9	213.9	189.7	186.2	189.7	196.9	197.8
62.5°	1777.4	1448.1	1020.3	562.0	266.7	187.9	180.8	183.5	186.2	197.8	198.7
65°	1874.1	1521.4	1023.8	491.3	216.6	170.9	175.4	177.2	184.4	197.8	198.7
67°	1928.7	1571.6	999.7	424.2	185.3	162.0	168.3	170.0	182.6	196.0	197.8
67.5°	1934.9	1582.3	983.6	407.2	179.0	160.2	166.5	170.0	182.6	196.0	196.9
70°	1916.1	1575.1	876.2	307.0	147.7	147.7	154.8	162.9	175.4	189.7	196.0
72.5°	1748.8	1436.4	678.4	208.5	125.3	133.4	144.1	155.7	167.4	184.4	195.1
75°	1105.3	924.5	415.3	139.6	104.7	119.0	136.0	149.5	159.3	171.8	179.0
77.5°	590.7	457.3	179.0	82.3	82.3	105.6	126.2	138.7	144.1	148.6	153.0
80°	279.2	213.0	86.8	49.2	57.3	82.3	111.9	125.3	127.1	132.5	134.2
82.5°	55.5	48.3	28.6	26.0	37.6	59.1	93.1	108.3	109.2	118.1	119.9
85°	7.2	6.3	4.5	9.8	24.2	43.9	71.6	93.1	94.9	94.9	93.1
87.5°	3.6	2.7	2.7	7.2	17.9	33.1	59.1	77.9	78.8	61.8	60.0
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)