

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: P1211859

Luminaire Tested: **GKO-PB2C-835-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211859
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-835-U-T3
Description: GEKKO WALL PACK 8000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

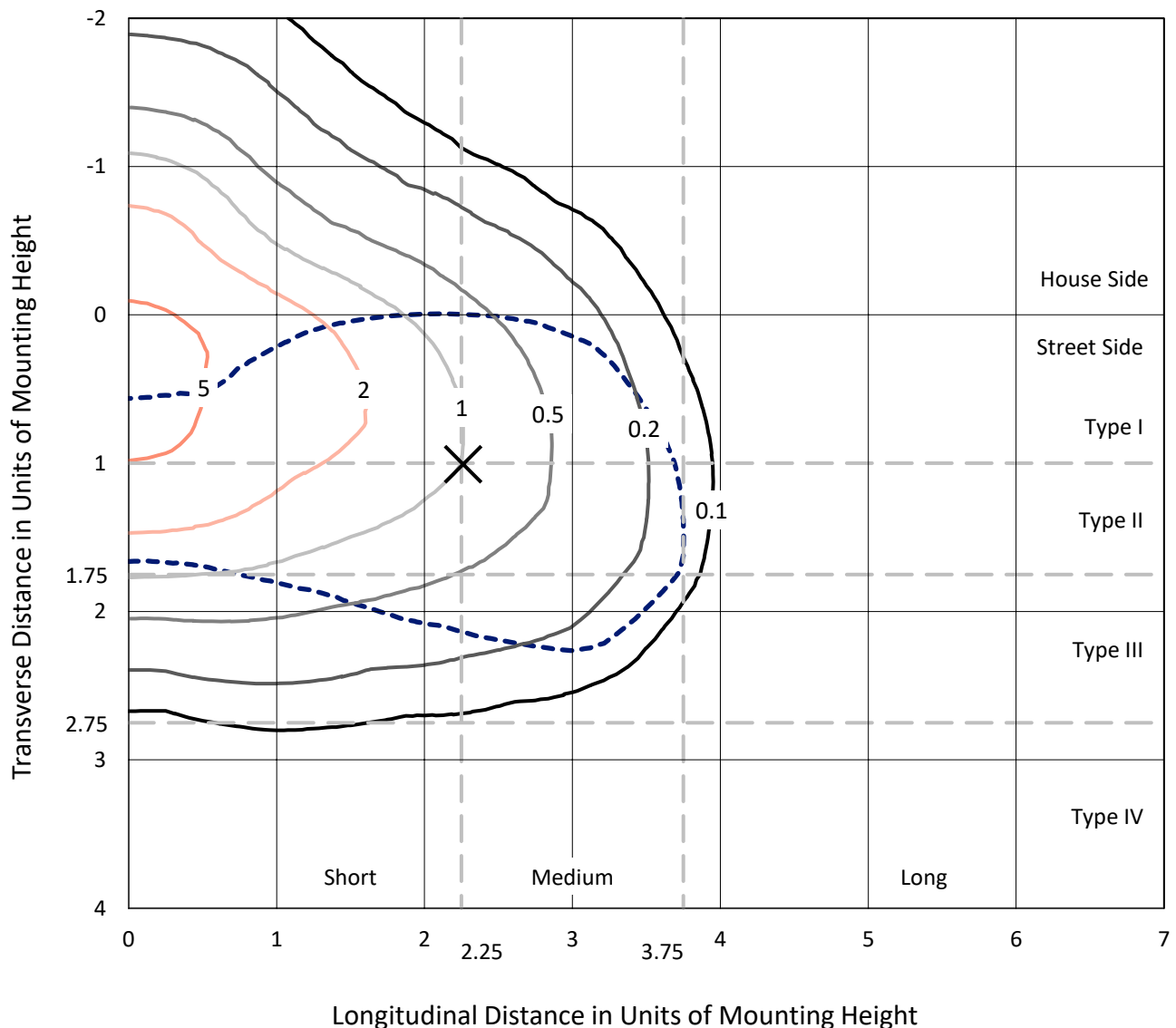
Lumens per Lamp: N/A
Luminaire Lumens: 7412.9 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

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

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Iso-Footcandle Lines of Horizontal Illumination

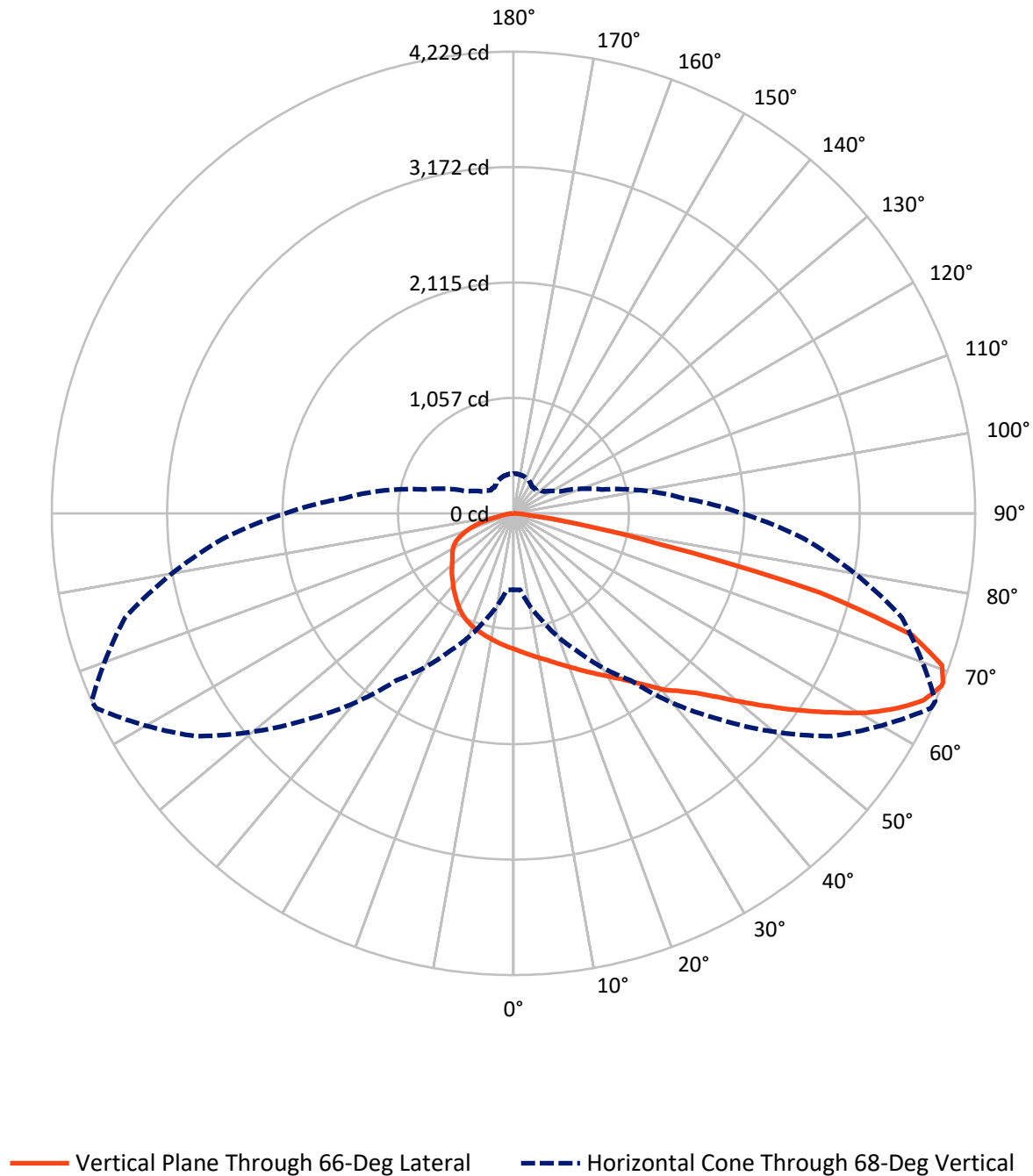
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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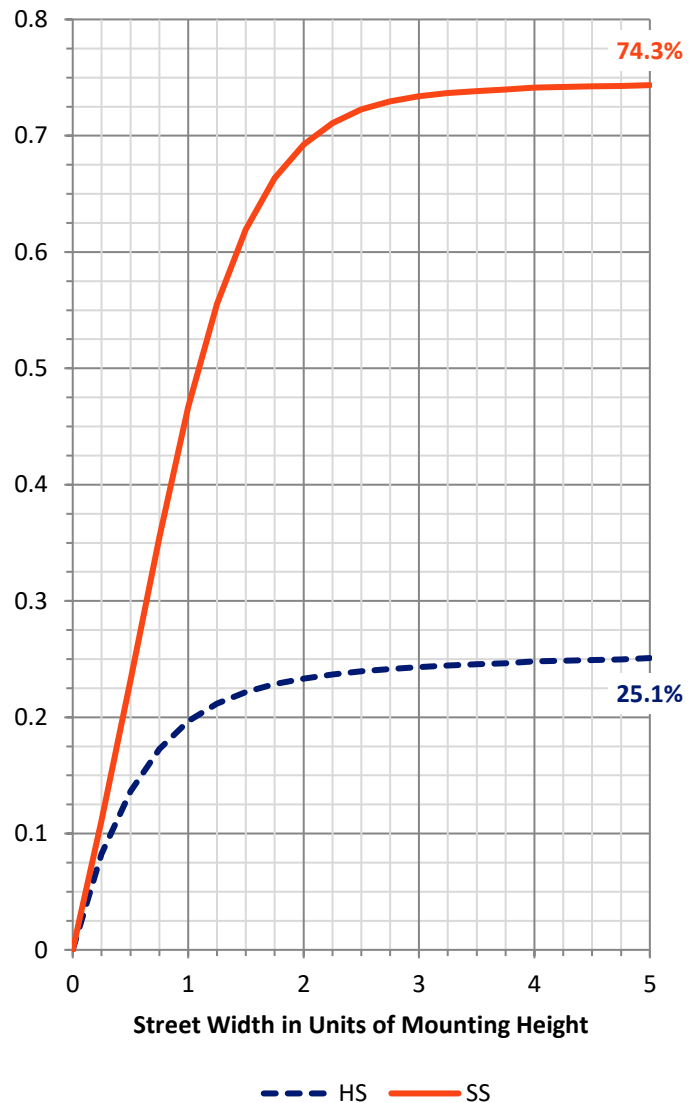
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1897.8	0.0	1897.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	5515.1	0.0	5515.1
	% Fixture	74.4	0.0	74.4
Total	Lumens	7412.9	0.0	7412.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.3	1.6
10°-20°	358.5	4.8
20°-30°	617.8	8.3
30°-40°	958.4	12.9
40°-50°	1312.9	17.7
50°-60°	1566.1	21.1
60°-70°	1569.3	21.2
70°-80°	830.5	11.2
80°-90°	80.1	1.1
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°	7412.9	100.0
0°-180°	7412.9	100.0



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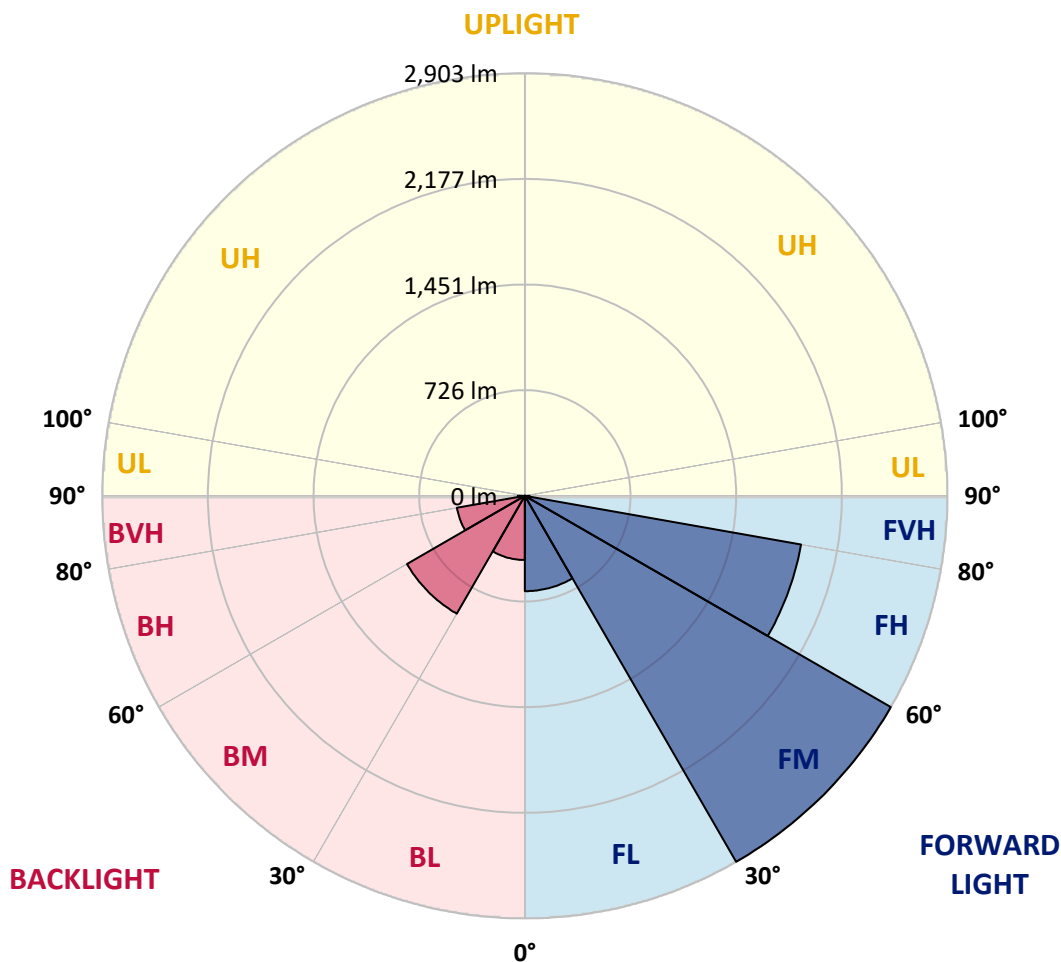
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	654.8	8.8			
FM	(30°-60°)	2902.5	39.2			
FH	(60°-80°)	1926.3	26.0			G2/5000
FVH	(80°-90°)	31.5	0.4			G1/100
BL	(0°-30°)	440.8	5.9	B1/500		
BM	(30°-60°)	934.9	12.6	B1/1000		
BH	(60°-80°)	473.5	6.4	B1/500		G1/500
BVH	(80°-90°)	48.6	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3
2.5°	1295.1	1295.1	1292.2	1290.8	1289.4	1280.7	1275.0	1267.8	1267.8	1256.3	1246.2
5°	1339.7	1341.2	1335.4	1335.4	1329.7	1318.1	1306.6	1292.2	1292.2	1275.0	1254.8
7.5°	1378.6	1382.9	1377.1	1377.1	1371.4	1358.4	1339.7	1319.6	1319.6	1295.1	1266.3
10°	1416.0	1418.9	1416.0	1418.9	1410.2	1398.7	1377.1	1349.8	1348.4	1318.1	1277.9
12.5°	1446.2	1449.1	1450.5	1454.9	1447.7	1439.0	1418.9	1384.3	1380.0	1344.0	1292.2
15°	1475.0	1477.9	1482.2	1488.0	1486.5	1479.3	1460.6	1421.8	1418.9	1372.8	1311.0
17.5°	1498.0	1499.5	1508.1	1519.6	1522.5	1523.9	1503.8	1463.5	1460.6	1405.9	1331.1
20°	1531.1	1534.0	1542.6	1554.1	1562.8	1568.5	1552.7	1508.1	1505.2	1444.8	1357.0
22.5°	1606.0	1601.6	1606.0	1606.0	1610.3	1618.9	1607.4	1562.8	1557.0	1490.8	1388.7
25°	1747.0	1742.7	1731.1	1705.2	1676.5	1675.0	1662.1	1618.9	1611.7	1538.3	1418.9
27.5°	1944.1	1934.0	1912.5	1857.8	1788.7	1744.1	1724.0	1679.3	1670.7	1585.8	1447.7
30°	2152.8	2164.3	2128.3	2053.5	1926.9	1831.9	1793.0	1742.7	1735.5	1639.0	1482.2
32.5°	2396.0	2397.4	2361.4	2257.8	2093.8	1942.7	1876.5	1814.6	1808.9	1700.9	1528.2
35°	2537.0	2542.8	2526.9	2430.5	2243.4	2065.0	1977.2	1902.4	1898.1	1778.6	1585.8
37.5°	2683.8	2696.7	2672.3	2565.8	2357.1	2178.7	2089.5	2007.4	2003.1	1867.9	1657.8
40°	2901.1	2895.3	2869.4	2712.6	2463.6	2273.7	2200.3	2135.5	2125.4	1977.2	1731.1
42.5°	3057.9	3072.3	3016.2	2839.2	2580.2	2368.6	2311.1	2237.7	2224.7	2043.4	1774.3
45°	3111.2	3098.2	3036.3	2906.8	2732.7	2455.0	2416.1	2360.0	2347.0	2160.0	1859.2
47.5°	3122.7	3099.7	3045.0	2947.1	2862.2	2567.2	2544.2	2531.2	2512.5	2306.8	1961.4
50°	3052.2	3036.3	3010.4	2961.5	2945.7	2672.3	2683.8	2731.3	2715.4	2465.0	2075.1
52.5°	2892.4	2885.2	2908.3	2939.9	2898.2	2762.9	2849.3	2945.7	2939.9	2639.2	2197.4
55°	2591.7	2591.7	2721.2	2832.0	2856.5	2821.9	3027.7	3193.2	3186.0	2834.9	2313.9
57.5°	2316.8	2321.1	2429.1	2678.0	2781.6	2885.2	3226.3	3452.2	3440.7	3055.0	2436.3
60°	1970.0	1970.0	2134.1	2446.3	2673.7	2934.2	3401.9	3702.6	3709.8	3268.0	2557.1
62.5°	1559.9	1564.2	1791.6	2158.5	2518.3	2942.8	3541.4	3938.6	3937.2	3460.9	2650.7
65°	1149.8	1151.2	1460.6	1839.1	2285.2	2882.4	3617.7	4119.9	4128.6	3613.4	2705.4
67.5°	746.9	761.2	1075.0	1492.3	1955.6	2711.1	3577.4	4216.3	4226.4	3683.9	2688.1
68°	699.4	702.2	1017.4	1397.3	1866.4	2667.9	3558.7	4220.7	4229.3	3682.5	2670.8
70°	453.3	453.3	728.1	1090.8	1489.4	2398.9	3396.1	4153.0	4163.1	3619.1	2545.6
72.5°	244.6	249.0	415.9	660.5	1017.4	1856.3	3065.1	3800.5	3817.7	3272.3	2226.2
75°	171.2	174.1	241.8	369.8	554.0	1208.8	2396.0	2903.9	2901.1	2260.7	1394.4
77.5°	123.8	123.8	138.1	230.2	290.7	552.6	1185.8	1398.7	1382.9	1103.7	703.7
80°	80.6	80.6	86.3	120.9	139.6	168.4	362.6	605.8	617.3	538.2	351.1
82.5°	33.1	34.5	37.4	48.9	50.4	70.5	103.6	174.1	168.4	136.7	99.3
85°	4.3	4.3	5.8	7.2	8.6	15.8	14.4	14.4	14.4	17.3	15.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.9	4.3	4.3	5.8	4.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3	1243.3
2.5°	1243.3	1243.3	1234.7	1226.0	1217.4	1210.2	1200.1	1193.0	1194.4	1198.7	1197.3
5°	1250.5	1243.3	1226.0	1207.3	1193.0	1180.0	1161.3	1151.2	1149.8	1152.7	1151.2
7.5°	1254.8	1243.3	1217.4	1188.6	1165.6	1148.3	1122.4	1112.4	1108.0	1109.5	1109.5
10°	1263.5	1244.8	1208.8	1168.5	1139.7	1115.2	1087.9	1073.5	1069.2	1069.2	1067.8
12.5°	1273.5	1247.6	1200.1	1151.2	1113.8	1085.0	1053.4	1037.5	1033.2	1033.2	1031.8
15°	1283.6	1252.0	1191.5	1132.5	1089.3	1054.8	1024.6	1005.9	1000.1	1000.1	1003.0
17.5°	1296.6	1256.3	1182.9	1115.2	1063.4	1024.6	992.9	974.2	967.0	971.3	974.2
20°	1309.5	1264.9	1174.2	1096.5	1037.5	997.2	965.6	946.9	939.7	946.9	948.3
22.5°	1328.2	1272.1	1164.2	1075.0	1011.6	967.0	938.2	921.0	916.7	923.9	929.6
25°	1346.9	1280.7	1151.2	1051.9	978.5	935.4	912.3	899.4	900.8	910.9	916.7
27.5°	1367.1	1287.9	1138.3	1023.1	942.6	902.3	885.0	882.1	887.9	899.4	906.6
30°	1391.5	1298.0	1121.0	990.0	902.3	866.3	859.1	867.7	877.8	889.3	896.5
32.5°	1423.2	1311.0	1103.7	952.6	860.5	827.4	839.0	857.7	869.2	880.7	887.9
35°	1467.8	1336.9	1093.7	915.2	815.9	794.3	820.2	850.5	859.1	866.3	874.9
37.5°	1519.6	1371.4	1089.3	880.7	775.6	765.6	801.5	837.5	840.4	843.3	851.9
40°	1570.0	1397.3	1077.8	843.3	733.9	733.9	778.5	813.0	811.6	807.3	813.0
42.5°	1590.1	1394.4	1044.7	807.3	700.8	702.2	742.5	775.6	767.0	767.0	775.6
45°	1647.7	1417.4	1020.3	778.5	670.6	664.8	696.5	722.4	736.8	755.5	764.1
47.5°	1721.1	1449.1	1001.6	745.4	641.8	623.1	640.4	683.5	708.0	728.1	735.3
50°	1797.3	1485.1	984.3	710.9	613.0	575.6	584.2	631.7	653.3	663.4	667.7
52.5°	1875.0	1518.2	971.3	682.1	579.9	519.5	538.2	582.8	598.6	604.4	607.3
55°	1944.1	1545.5	959.8	657.6	542.5	474.9	489.3	535.3	546.8	552.6	556.9
57.5°	2017.5	1575.7	952.6	634.6	500.8	436.0	446.1	487.8	503.7	509.4	513.7
60°	2082.3	1604.5	946.9	610.1	461.9	401.5	407.2	447.5	464.8	467.7	472.0
62.5°	2125.4	1623.2	938.2	579.9	426.0	368.4	369.8	408.7	427.4	430.3	433.1
65°	2137.0	1618.9	912.3	539.6	390.0	335.3	335.3	372.7	392.9	402.9	407.2
67.5°	2102.4	1582.9	857.7	487.8	355.4	305.1	305.1	338.2	359.8	371.3	375.6
68°	2090.9	1567.1	840.4	474.9	346.8	297.9	297.9	332.4	352.6	362.6	365.5
70°	1993.0	1489.4	761.2	426.0	319.5	276.3	276.3	306.5	328.1	328.1	326.7
72.5°	1731.1	1290.8	626.0	356.9	279.2	244.6	249.0	277.7	284.9	292.1	290.7
75°	1072.1	772.8	420.2	282.0	234.6	214.4	223.0	249.0	253.3	269.1	264.8
77.5°	536.8	378.5	223.0	164.0	181.3	184.2	200.0	218.7	231.7	249.0	237.4
80°	264.8	184.2	131.0	102.2	106.5	135.3	174.1	188.5	211.5	223.0	213.0
82.5°	73.4	56.1	53.2	56.1	79.1	105.0	136.7	166.9	197.1	207.2	192.8
85°	13.0	10.1	8.6	27.3	54.7	77.7	110.8	148.2	177.0	169.8	159.7
87.5°	4.3	2.9	2.9	17.3	40.3	63.3	95.0	132.4	151.1	136.7	122.3
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)