

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: P1211769

Luminaire Tested: **GKO-PB2C-735-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211769
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-T4W
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

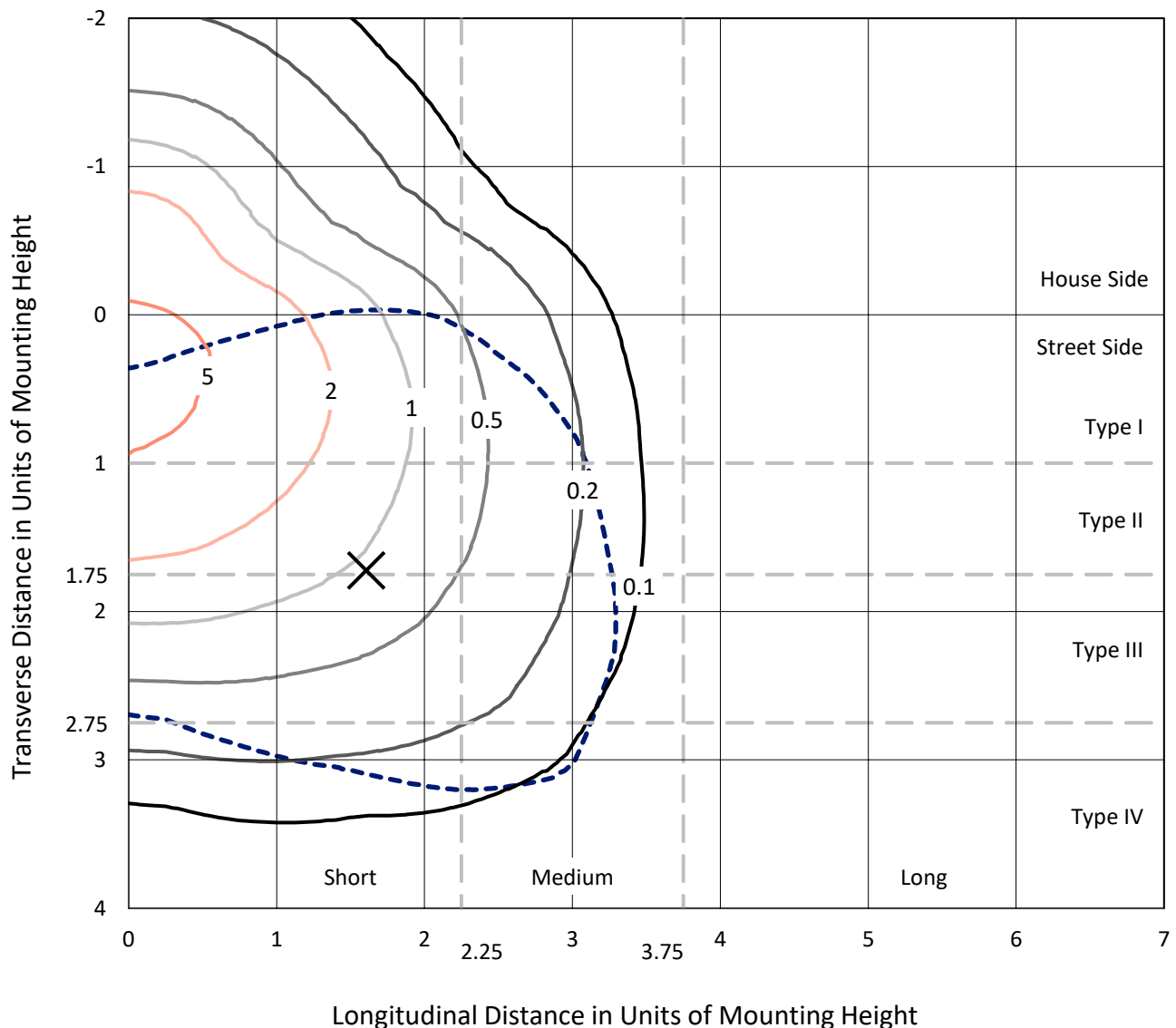
Lumens per Lamp: N/A
Luminaire Lumens: 7688.6 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

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

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Iso-Footcandle Lines of Horizontal Illumination

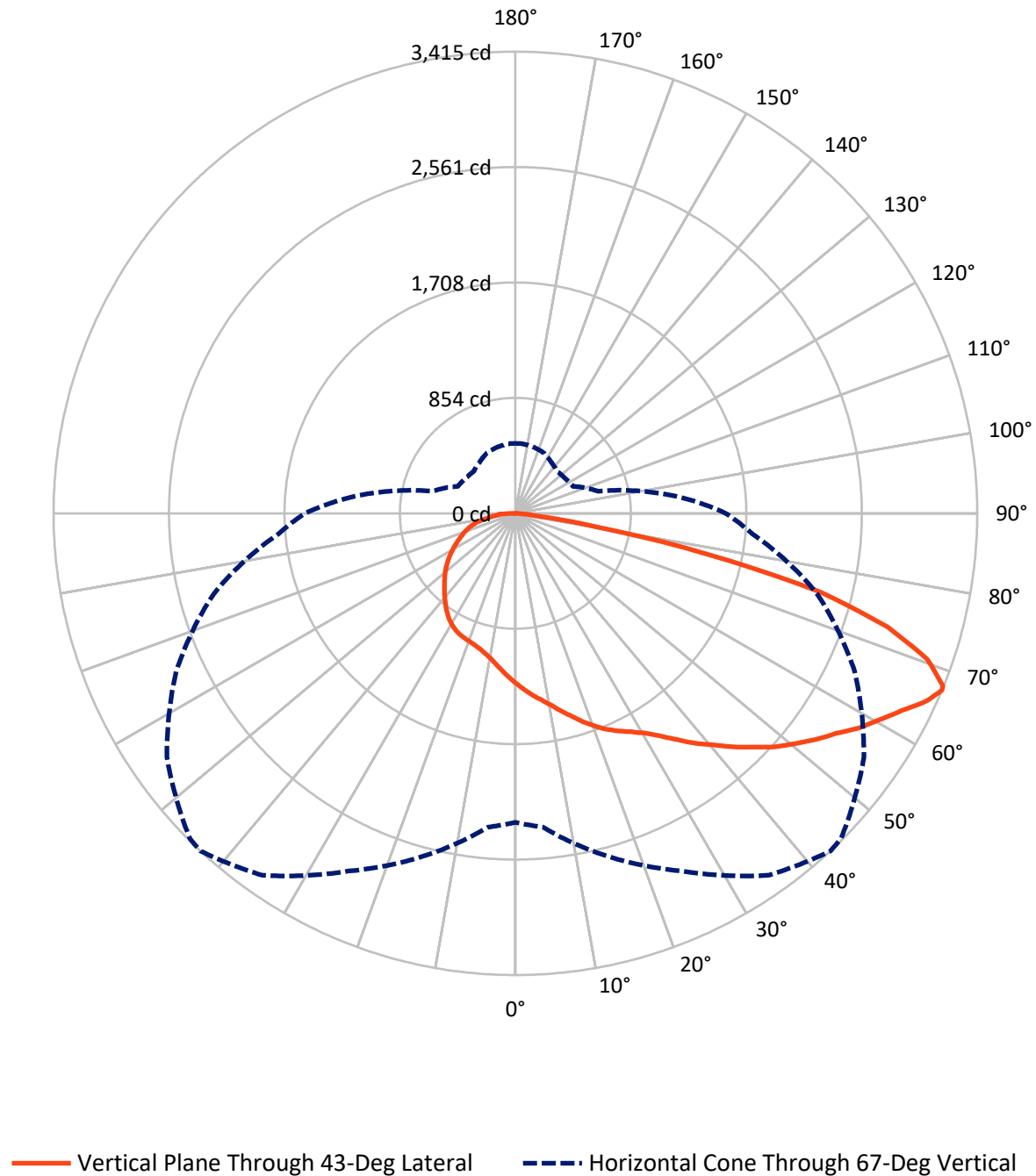
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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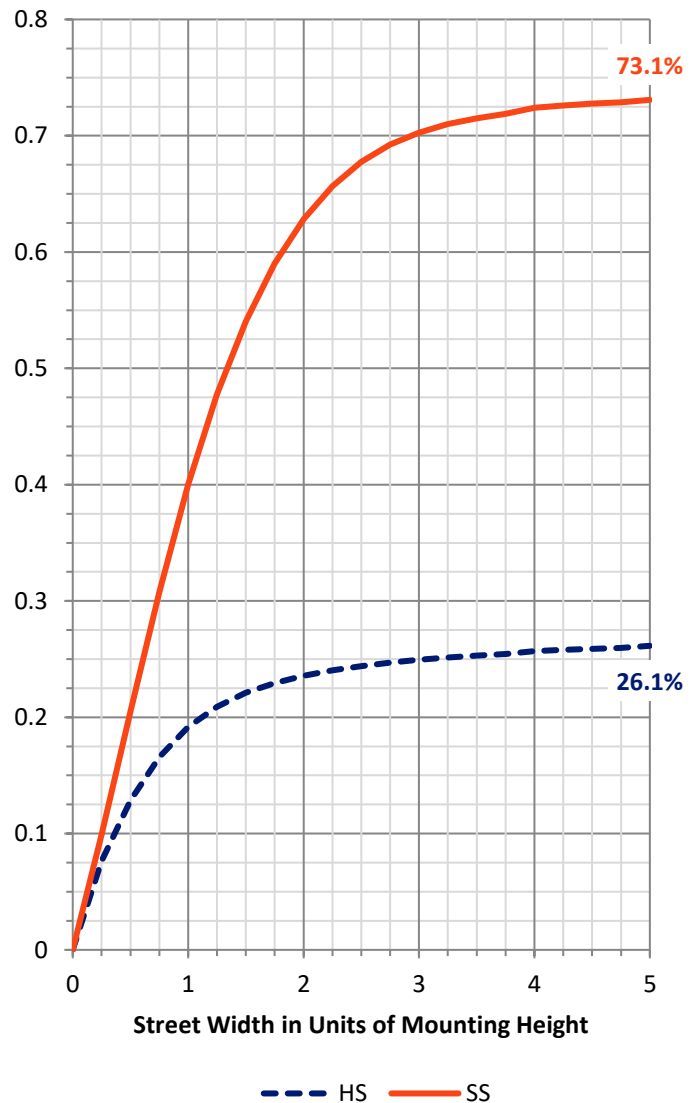
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2068.0	0.0	2068.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	5620.6	0.0	5620.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	7688.6	0.0	7688.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.6	1.6
10°-20°	370.7	4.8
20°-30°	641.9	8.3
30°-40°	952.6	12.4
40°-50°	1294.0	16.8
50°-60°	1588.6	20.7
60°-70°	1674.2	21.8
70°-80°	924.2	12.0
80°-90°	121.7	1.6
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°	7688.6	100.0
0°-180°	7688.6	100.0



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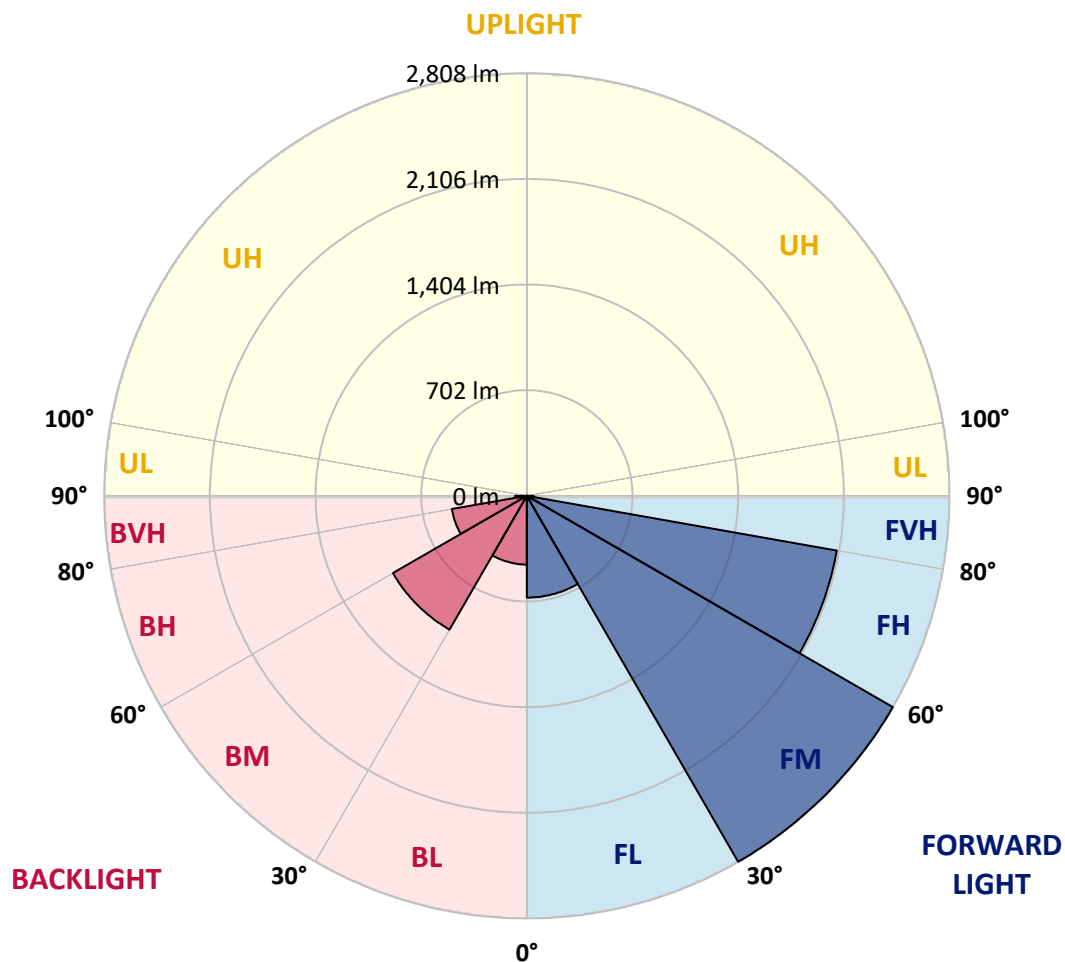
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	676.4	8.8			
FM	(30°-60°)	2808.1	36.5			
FH	(60°-80°)	2091.6	27.2			G2/5000
FVH	(80°-90°)	44.5	0.6			G1/100
BL	(0°-30°)	456.9	5.9	B1/500		
BM	(30°-60°)	1027.1	13.4	B2/2500		
BH	(60°-80°)	506.8	6.6	B2/1000		G2/1000
BVH	(80°-90°)	77.3	1.0			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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0
2.5°	1320.4	1323.5	1320.4	1317.4	1311.2	1308.1	1305.0	1297.4	1288.1	1274.3	1263.5
5°	1378.9	1378.9	1374.3	1371.2	1362.0	1352.8	1348.1	1329.7	1309.7	1286.6	1265.0
7.5°	1432.8	1438.9	1431.2	1423.5	1409.7	1394.3	1391.2	1363.5	1335.8	1305.0	1272.7
10°	1500.5	1505.1	1494.3	1488.2	1462.0	1442.0	1435.9	1402.0	1365.1	1326.6	1285.0
12.5°	1569.8	1572.8	1565.1	1551.3	1523.6	1499.0	1489.7	1445.1	1397.4	1351.2	1298.9
15°	1629.8	1632.8	1629.8	1614.4	1588.2	1557.4	1545.1	1495.9	1437.4	1377.4	1315.8
17.5°	1674.4	1680.6	1680.6	1672.9	1649.8	1620.5	1612.8	1551.3	1483.6	1408.2	1335.8
20°	1712.9	1716.0	1722.1	1717.5	1705.2	1680.6	1669.8	1611.3	1529.7	1443.6	1355.8
22.5°	1743.7	1746.7	1757.5	1756.0	1748.3	1736.0	1725.2	1671.3	1583.6	1479.0	1374.3
25°	1797.5	1796.0	1802.1	1797.5	1788.3	1783.7	1777.5	1729.8	1637.5	1520.5	1398.9
27.5°	1891.4	1888.3	1882.2	1859.1	1836.0	1829.8	1825.2	1791.4	1700.6	1568.2	1426.6
30°	2029.9	2033.0	2003.7	1951.4	1905.2	1886.8	1880.6	1857.5	1771.4	1623.6	1457.4
32.5°	2194.6	2193.0	2145.3	2071.5	1999.1	1962.2	1949.9	1925.3	1842.1	1679.0	1492.8
35°	2313.1	2310.0	2285.4	2219.2	2143.8	2056.1	2033.0	1994.5	1917.6	1742.1	1528.2
37.5°	2473.1	2468.5	2420.8	2351.5	2283.8	2157.6	2131.5	2079.2	1989.9	1803.7	1568.2
40°	2656.3	2627.0	2548.5	2477.7	2385.4	2251.5	2230.0	2162.3	2073.0	1879.1	1614.4
42.5°	2822.5	2779.4	2677.8	2588.6	2473.1	2362.3	2334.6	2254.6	2153.0	1948.3	1662.1
45°	3071.8	2967.1	2820.9	2768.6	2568.5	2467.0	2443.9	2345.4	2240.7	2023.7	1709.8
47.5°	3041.0	2967.1	2919.4	2913.3	2668.6	2580.9	2547.0	2445.4	2334.6	2103.8	1759.0
50°	3101.0	3042.5	3045.6	2970.2	2759.4	2677.8	2653.2	2550.1	2430.0	2182.3	1811.4
52.5°	3088.7	3105.6	3096.4	2979.5	2847.1	2779.4	2760.9	2657.8	2520.8	2257.7	1857.5
55°	3187.2	3178.0	3158.0	3042.5	2944.1	2874.8	2859.4	2770.2	2613.2	2322.3	1897.6
57.5°	3259.5	3211.8	3210.3	3113.3	3051.8	2994.8	2970.2	2885.6	2699.4	2379.3	1928.3
60°	3214.9	3158.0	3199.5	3124.1	3118.0	3096.4	3082.6	2987.1	2776.3	2422.3	1940.6
62.5°	2976.4	2990.2	3113.3	3108.7	3190.3	3210.3	3194.9	3057.9	2827.1	2437.7	1931.4
65°	2660.9	2702.4	2891.7	3053.3	3274.9	3344.2	3328.8	3108.7	2822.5	2402.3	1869.9
67°	2285.4	2330.0	2625.5	2919.4	3267.2	3415.0	3404.2	3145.7	2767.1	2311.5	1759.0
67.5°	2202.3	2253.1	2548.5	2857.9	3239.5	3408.8	3401.1	3148.7	2748.6	2268.4	1716.0
70°	1620.5	1680.6	2097.6	2511.6	3017.9	3230.3	3228.8	3033.3	2557.8	2034.5	1488.2
72.5°	1009.6	1063.4	1495.9	1959.1	2614.7	2876.3	2865.6	2642.4	2202.3	1660.6	1174.2
75°	618.7	652.5	941.9	1277.3	1896.0	2328.5	2343.9	2065.3	1502.0	986.5	663.3
77.5°	378.6	415.5	594.0	788.0	1158.8	1448.2	1451.3	1145.0	771.0	537.1	363.2
80°	210.8	220.1	309.3	412.4	594.0	597.1	572.5	504.8	400.1	258.5	186.2
82.5°	83.1	89.3	133.9	166.2	169.3	177.0	164.7	149.3	126.2	83.1	58.5
85°	0.0	0.0	0.0	3.1	10.8	21.5	21.5	15.4	6.2	4.6	4.6
87.5°	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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°	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0	1262.0
2.5°	1260.4	1258.9	1248.1	1235.8	1226.6	1218.9	1211.2	1201.9	1201.9	1205.0	1203.5
5°	1257.3	1249.6	1229.6	1208.1	1191.2	1175.8	1161.9	1149.6	1148.1	1149.6	1151.2
7.5°	1258.9	1245.0	1214.2	1181.9	1154.2	1134.2	1114.2	1105.0	1103.4	1103.4	1103.4
10°	1265.0	1245.0	1203.5	1158.8	1125.0	1095.7	1074.2	1065.0	1066.5	1068.0	1069.6
12.5°	1275.8	1248.1	1195.8	1138.8	1095.7	1066.5	1045.0	1037.3	1043.4	1051.1	1052.7
15°	1286.6	1254.3	1188.1	1121.9	1072.7	1040.3	1025.0	1023.4	1034.2	1048.0	1051.1
17.5°	1298.9	1258.9	1178.9	1100.4	1048.0	1021.9	1014.2	1018.8	1035.7	1057.3	1061.9
20°	1311.2	1265.0	1168.1	1080.4	1025.0	1006.5	1011.1	1025.0	1046.5	1072.7	1077.3
22.5°	1323.5	1269.7	1154.2	1055.7	1000.3	994.2	1011.1	1034.2	1055.7	1085.0	1091.1
25°	1337.4	1275.8	1137.3	1025.0	975.7	980.3	1009.6	1037.3	1060.4	1091.1	1098.8
27.5°	1358.9	1285.0	1120.4	997.3	948.0	963.4	1001.9	1035.7	1060.4	1089.6	1098.8
30°	1380.5	1294.3	1106.5	968.0	920.3	940.3	986.5	1028.0	1052.7	1078.8	1091.1
32.5°	1405.1	1306.6	1094.2	938.8	889.5	914.1	964.9	1011.1	1040.3	1063.4	1075.7
35°	1431.2	1325.1	1085.0	912.6	858.7	880.3	932.6	989.6	1018.8	1040.3	1051.1
37.5°	1465.1	1345.1	1078.8	886.4	826.4	844.9	898.8	958.8	992.6	1009.6	1023.4
40°	1502.0	1374.3	1078.8	864.9	795.6	808.0	863.4	928.0	961.9	975.7	989.6
42.5°	1539.0	1403.5	1077.3	843.4	763.3	772.6	828.0	894.1	926.5	937.2	948.0
45°	1582.1	1437.4	1075.7	818.7	727.9	737.2	794.1	860.3	891.1	900.3	909.5
47.5°	1628.2	1471.3	1069.6	788.0	695.6	703.3	760.3	821.8	852.6	863.4	872.6
50°	1669.8	1503.6	1054.2	752.6	666.4	674.1	724.9	775.6	803.3	815.7	824.9
52.5°	1706.7	1526.7	1029.6	712.5	634.1	643.3	681.8	726.4	747.9	757.2	763.3
55°	1736.0	1539.0	989.6	674.1	603.3	607.9	638.7	678.7	695.6	697.2	701.8
57.5°	1756.0	1537.4	935.7	629.4	572.5	574.0	595.6	631.0	643.3	641.8	644.8
60°	1760.6	1517.4	871.1	587.9	541.7	537.1	558.6	583.3	591.0	597.1	604.8
62.5°	1742.1	1469.7	797.2	546.3	510.9	503.2	518.6	540.2	552.5	555.6	558.6
65°	1674.4	1382.0	707.9	503.2	480.2	466.3	483.2	514.0	534.0	540.2	538.6
67°	1555.9	1258.9	631.0	470.9	449.4	437.1	461.7	494.0	507.9	517.1	517.1
67.5°	1517.4	1214.2	604.8	460.2	441.7	430.9	454.0	484.8	503.2	514.0	514.0
70°	1288.1	995.7	510.9	406.3	397.1	398.6	426.3	460.2	483.2	494.0	494.0
72.5°	981.9	771.0	415.5	354.0	350.9	361.7	397.1	427.8	457.1	475.5	474.0
75°	557.1	444.8	303.2	289.3	301.6	323.2	367.8	401.7	427.8	446.3	444.8
77.5°	324.7	267.8	209.3	198.5	233.9	283.2	329.3	372.4	390.9	397.1	392.4
80°	164.7	140.0	130.8	135.4	157.0	210.8	287.8	338.6	352.4	357.0	352.4
82.5°	52.3	47.7	52.3	69.3	104.7	166.2	232.4	306.3	323.2	323.2	321.6
85°	3.1	3.1	3.1	30.8	72.3	123.1	181.6	267.8	303.2	300.1	295.5
87.5°	1.5	1.5	1.5	20.0	56.9	103.1	160.1	243.2	289.3	267.8	252.4
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)