

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: P1211744

Luminaire Tested: **GKO-PB1F-735-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211744
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-735-U-T2R
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6457.8 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

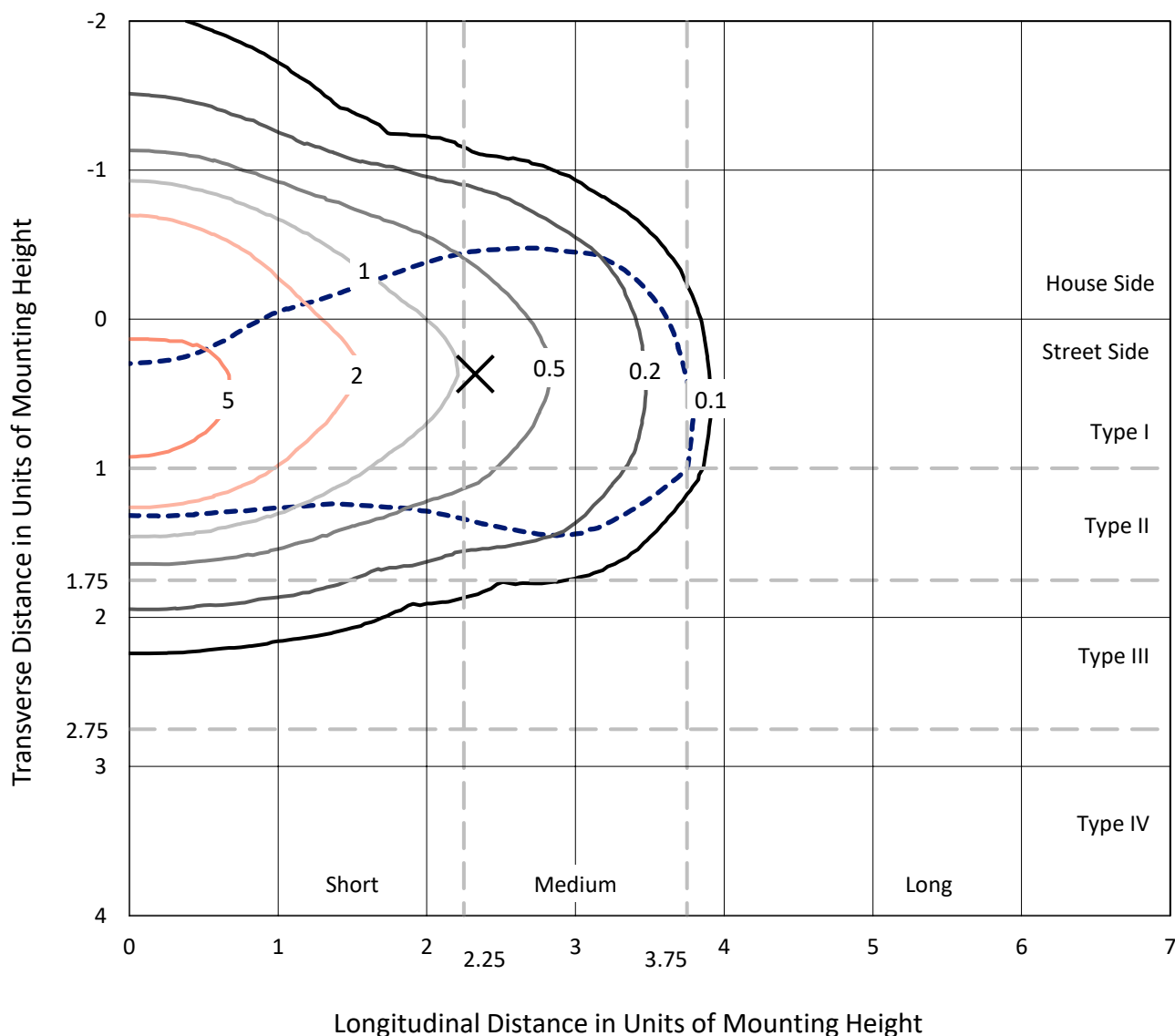
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

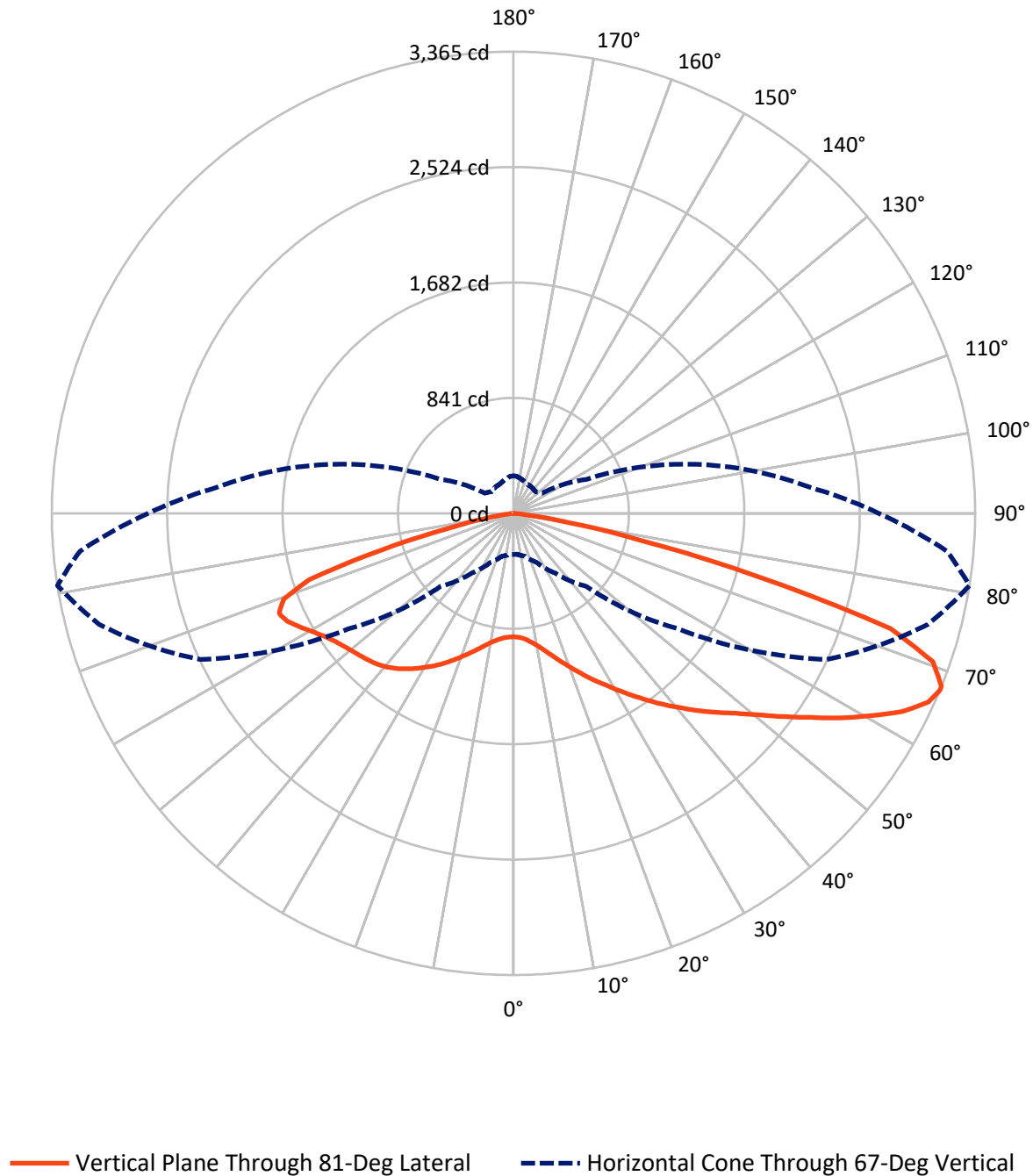
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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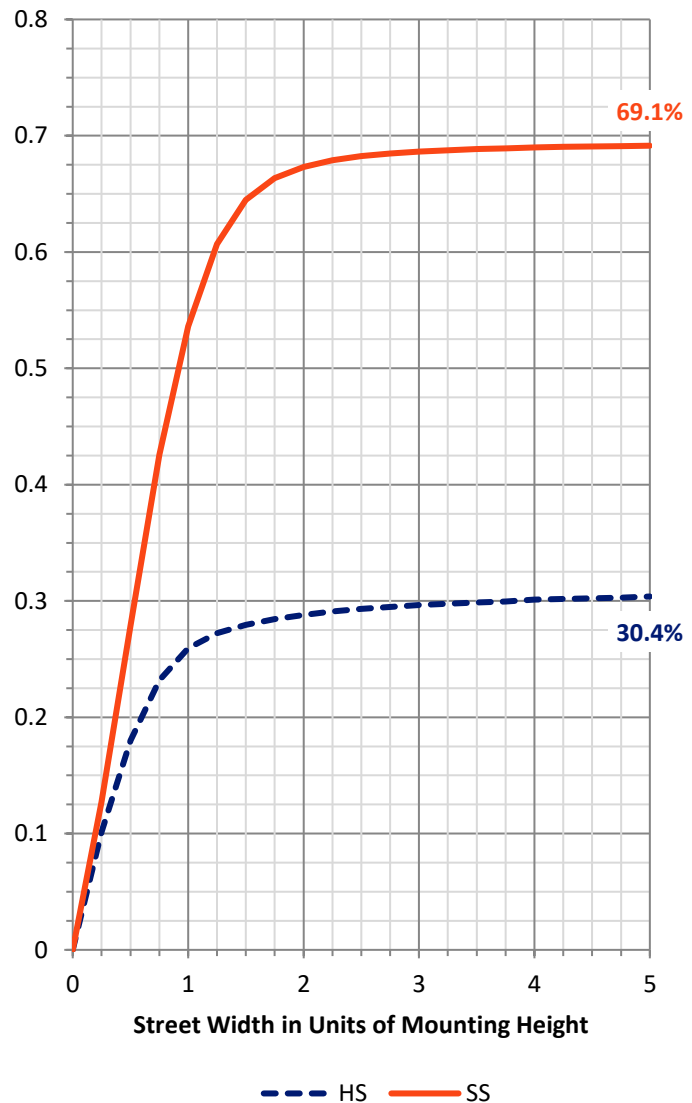
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1994.1	0.0	1994.1
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4463.6	0.0	4463.6
	% Fixture	69.1	0.0	69.1
Total	Lumens	6457.8	0.0	6457.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.2	1.4
10°-20°	337.3	5.2
20°-30°	683.3	10.6
30°-40°	1077.4	16.7
40°-50°	1323.1	20.5
50°-60°	1264.0	19.6
60°-70°	1060.0	16.4
70°-80°	561.5	8.7
80°-90°	58.0	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°	6457.8	100.0
0°-180°	6457.8	100.0

Coefficient of Utilization



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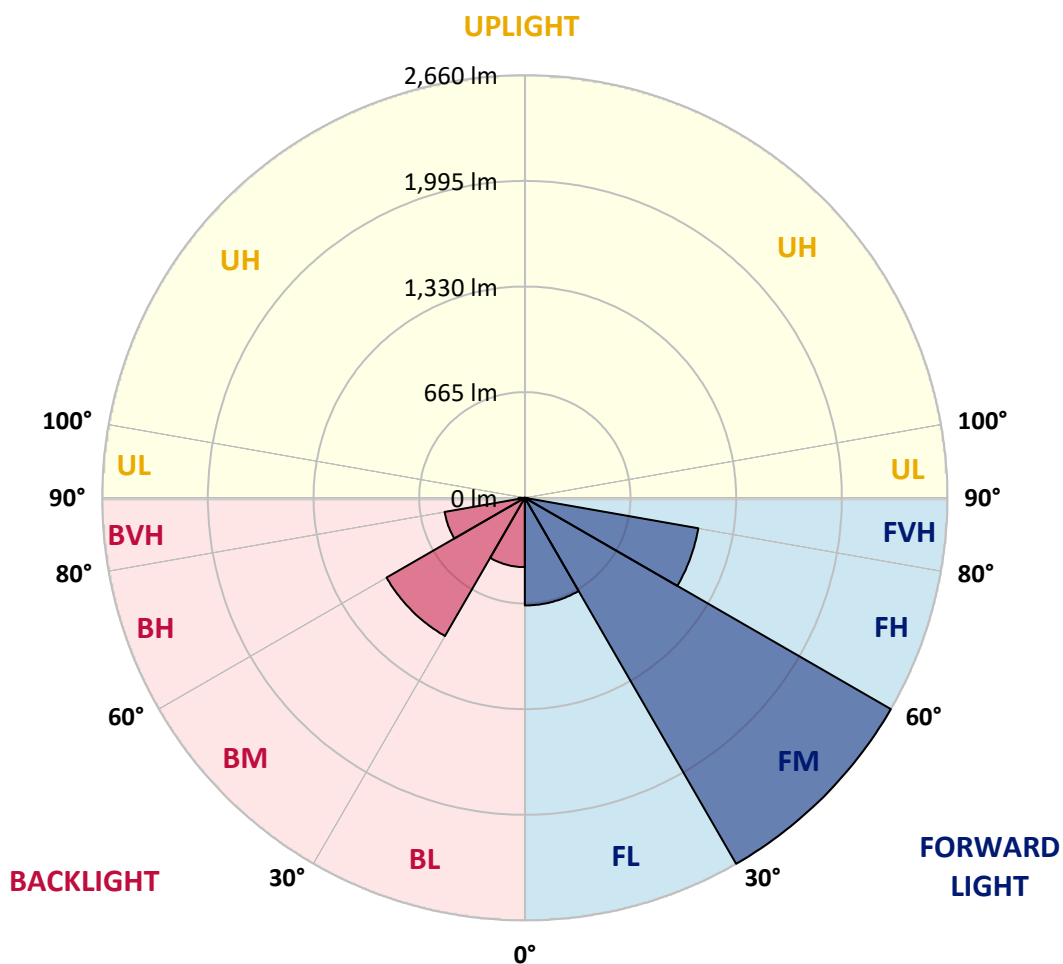
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	677.3	10.5			
FM	(30°-60°)	2659.7	41.2			
FH	(60°-80°)	1108.6	17.2			G1/1800
FVH	(80°-90°)	18.0	0.3			G1/100
BL	(0°-30°)	436.4	6.8	B1/500		
BM	(30°-60°)	1004.8	15.6	B2/2500		
BH	(60°-80°)	513.0	7.9	B2/1000		G2/1000
BVH	(80°-90°)	40.0	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6
2.5°	951.5	953.9	949.0	947.7	942.8	935.4	926.7	920.6	910.7	905.7	903.3
5°	1041.7	1036.7	1033.0	1026.8	1009.5	994.7	970.0	952.7	934.2	921.8	918.1
7.5°	1151.6	1154.1	1141.7	1125.7	1101.0	1071.3	1031.8	999.6	965.0	949.0	941.6
10°	1271.5	1281.4	1269.0	1249.2	1202.3	1157.8	1109.6	1054.0	1007.1	982.3	972.5
12.5°	1417.3	1423.5	1407.4	1381.5	1324.6	1257.9	1189.9	1120.7	1059.0	1028.1	1010.8
15°	1580.4	1575.5	1559.4	1521.1	1448.2	1374.0	1281.4	1191.2	1118.3	1080.0	1055.2
17.5°	1748.5	1742.3	1721.3	1671.8	1589.1	1496.4	1386.4	1272.7	1181.3	1139.3	1105.9
20°	1909.1	1902.9	1888.1	1832.5	1732.4	1618.7	1490.2	1366.6	1253.0	1201.1	1164.0
22.5°	2087.0	2082.1	2058.6	1990.6	1883.1	1758.3	1608.8	1461.8	1330.8	1269.0	1224.5
25°	2279.8	2281.0	2255.1	2159.9	2038.8	1893.0	1736.1	1569.3	1418.5	1340.7	1290.0
27.5°	2504.7	2503.4	2459.0	2356.4	2204.4	2036.4	1862.1	1681.7	1505.0	1413.6	1355.5
30°	2708.6	2703.6	2654.2	2551.6	2376.2	2187.1	1995.6	1790.5	1602.6	1493.9	1423.5
32.5°	2859.3	2860.5	2819.8	2707.3	2535.6	2334.2	2120.4	1912.8	1696.6	1580.4	1502.6
35°	2968.0	2969.3	2929.7	2833.4	2672.7	2471.3	2252.6	2027.7	1801.6	1669.4	1585.3
37.5°	3002.6	3002.6	2976.7	2901.3	2770.3	2594.9	2382.3	2158.7	1906.6	1765.8	1669.4
40°	2955.7	2959.4	2958.2	2908.7	2818.5	2680.1	2502.2	2284.7	2024.0	1860.9	1754.6
42.5°	2849.4	2851.9	2855.6	2837.1	2808.6	2725.9	2598.6	2413.2	2141.4	1964.7	1838.7
45°	2674.0	2683.8	2702.4	2709.8	2720.9	2714.7	2657.9	2533.1	2272.4	2068.5	1921.4
47.5°	2451.5	2467.6	2492.3	2536.8	2598.6	2648.0	2672.7	2625.8	2399.6	2176.0	2014.1
50°	2142.6	2159.9	2226.7	2319.3	2441.7	2538.0	2631.9	2695.0	2541.7	2307.0	2117.9
52.5°	1715.1	1752.2	1864.6	2042.5	2252.6	2395.9	2545.5	2728.3	2686.3	2461.4	2241.5
55°	1304.9	1318.4	1463.0	1676.8	2000.5	2242.7	2426.8	2711.0	2822.2	2623.3	2382.3
57.5°	911.9	926.7	1052.8	1286.3	1644.7	2042.5	2308.2	2653.0	2945.8	2813.6	2544.2
60°	647.5	663.5	757.5	930.4	1277.7	1750.9	2198.2	2578.8	3053.3	2994.0	2730.8
62.5°	470.8	479.4	528.9	674.7	923.0	1369.1	2041.3	2530.6	3128.7	3181.8	2922.3
65°	360.8	369.5	397.9	489.3	682.1	1000.9	1759.6	2529.4	3148.5	3320.2	3087.9
67°	300.3	299.0	323.7	392.9	532.6	752.5	1469.2	2519.5	3126.2	3364.7	3171.9
67.5°	284.2	289.1	308.9	367.0	502.9	693.2	1406.2	2503.4	3118.8	3363.5	3178.1
70°	226.1	227.4	244.7	290.4	378.1	502.9	1012.0	2345.3	3006.4	3242.4	3108.9
72.5°	165.6	164.3	190.3	219.9	289.1	365.8	678.4	1969.6	2762.9	2872.9	2764.2
75°	122.3	121.1	134.7	168.0	206.4	273.1	439.9	1285.1	1870.8	1827.5	1687.9
77.5°	81.6	84.0	96.4	123.6	147.0	169.3	219.9	591.9	1030.5	931.7	897.1
80°	49.4	45.7	54.4	70.4	85.3	86.5	93.9	255.8	442.4	421.4	395.4
82.5°	17.3	17.3	21.0	28.4	28.4	28.4	34.6	61.8	87.7	80.3	76.6
85°	0.0	0.0	0.0	0.0	2.5	3.7	2.5	4.9	8.6	9.9	9.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.5	3.7	4.9	4.9
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°	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6	899.6
2.5°	903.3	903.3	899.6	894.6	892.1	890.9	887.2	882.3	886.0	889.7	889.7
5°	915.6	913.1	905.7	900.8	897.1	897.1	892.1	890.9	894.6	898.3	897.1
7.5°	935.4	930.4	921.8	914.4	915.6	916.9	909.4	909.4	913.1	916.9	916.9
10°	962.6	953.9	945.3	939.1	940.3	941.6	934.2	931.7	935.4	939.1	941.6
12.5°	997.2	986.1	976.2	970.0	968.8	970.0	962.6	960.1	960.1	962.6	962.6
15°	1038.0	1025.6	1013.2	1004.6	1002.1	1000.9	991.0	982.3	982.3	983.6	983.6
17.5°	1084.9	1067.6	1051.5	1041.7	1035.5	1026.8	1015.7	1003.4	999.6	1000.9	1000.9
20°	1131.9	1113.3	1092.3	1078.7	1066.4	1051.5	1034.2	1018.2	1010.8	1010.8	1009.5
22.5°	1186.2	1161.5	1133.1	1114.6	1092.3	1067.6	1042.9	1021.9	1014.5	1012.0	1012.0
25°	1241.8	1213.4	1172.6	1144.2	1112.1	1076.3	1044.1	1015.7	1003.4	998.4	998.4
27.5°	1298.7	1265.3	1212.2	1171.4	1124.4	1075.0	1031.8	995.9	978.6	972.5	970.0
30°	1362.9	1314.7	1246.8	1191.2	1126.9	1063.9	1008.3	966.3	940.3	925.5	926.7
32.5°	1429.7	1369.1	1278.9	1203.5	1123.2	1042.9	972.5	919.3	886.0	872.4	867.4
35°	1497.6	1421.0	1307.3	1209.7	1110.9	1010.8	926.7	867.4	830.4	810.6	810.6
37.5°	1566.8	1475.4	1327.1	1208.5	1088.6	968.8	873.6	810.6	767.3	742.6	736.5
40°	1634.8	1526.0	1341.9	1198.6	1055.2	918.1	816.8	748.8	690.7	658.6	653.7
42.5°	1701.5	1568.0	1349.3	1182.5	1015.7	862.5	752.5	661.1	605.5	575.8	574.6
45°	1762.0	1601.4	1350.6	1161.5	963.8	799.5	666.0	578.3	522.7	491.8	491.8
47.5°	1821.4	1638.5	1349.3	1134.3	907.0	717.9	574.6	489.3	438.7	418.9	412.7
50°	1893.0	1675.5	1348.1	1101.0	834.1	620.3	485.6	412.7	369.5	349.7	349.7
52.5°	1965.9	1718.8	1350.6	1054.0	747.6	525.2	406.5	342.3	313.9	301.5	300.3
55°	2059.8	1764.5	1356.7	998.4	657.4	432.5	338.6	295.3	275.6	269.4	270.6
57.5°	2173.5	1827.5	1369.1	932.9	552.3	354.6	290.4	266.9	262.0	264.4	265.7
60°	2303.3	1905.4	1386.4	858.8	459.7	295.3	262.0	257.0	262.0	271.8	273.1
62.5°	2454.0	1999.3	1408.6	776.0	368.2	259.5	249.6	253.3	257.0	273.1	274.3
65°	2587.5	2100.6	1413.6	678.4	299.0	236.0	242.2	244.7	254.5	273.1	274.3
67°	2662.8	2169.8	1380.2	585.7	255.8	223.7	232.3	234.8	252.1	270.6	273.1
67.5°	2671.5	2184.6	1358.0	562.2	247.1	221.2	229.8	234.8	252.1	270.6	271.8
70°	2645.5	2174.8	1209.7	423.8	203.9	203.9	213.8	224.9	242.2	262.0	270.6
72.5°	2414.5	1983.2	936.6	287.9	173.0	184.1	198.9	215.0	231.1	254.5	269.4
75°	1526.0	1276.4	573.3	192.8	144.6	164.3	187.8	206.4	219.9	237.2	247.1
77.5°	815.5	631.4	247.1	113.7	113.7	145.8	174.2	191.5	198.9	205.1	211.3
80°	385.5	294.1	119.9	68.0	79.1	113.7	154.5	173.0	175.5	182.9	185.3
82.5°	76.6	66.7	39.5	35.8	51.9	81.6	128.5	149.5	150.7	163.1	165.6
85°	9.9	8.6	6.2	13.6	33.4	60.5	98.9	128.5	131.0	131.0	128.5
87.5°	4.9	3.7	3.7	9.9	24.7	45.7	81.6	107.5	108.7	85.3	82.8
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)