

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: P1211858

Luminaire Tested: **GKO-PB2D-835-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211858
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2D-835-U-T3
Description: GEKKO WALL PACK 10000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

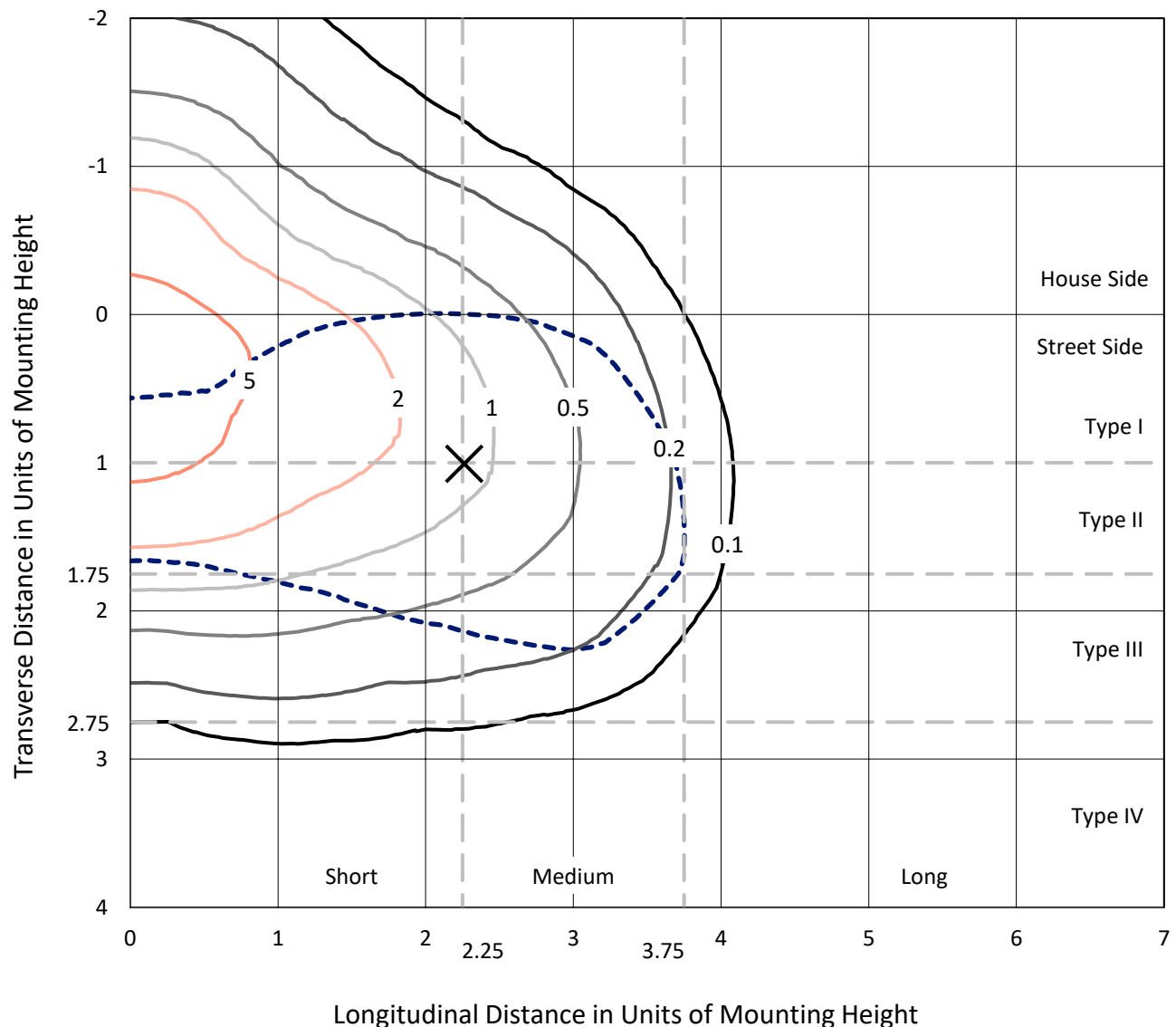
Lumens per Lamp: N/A
Luminaire Lumens: 9274.3 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 76.2
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

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Iso-Footcandle Lines of Horizontal Illumination

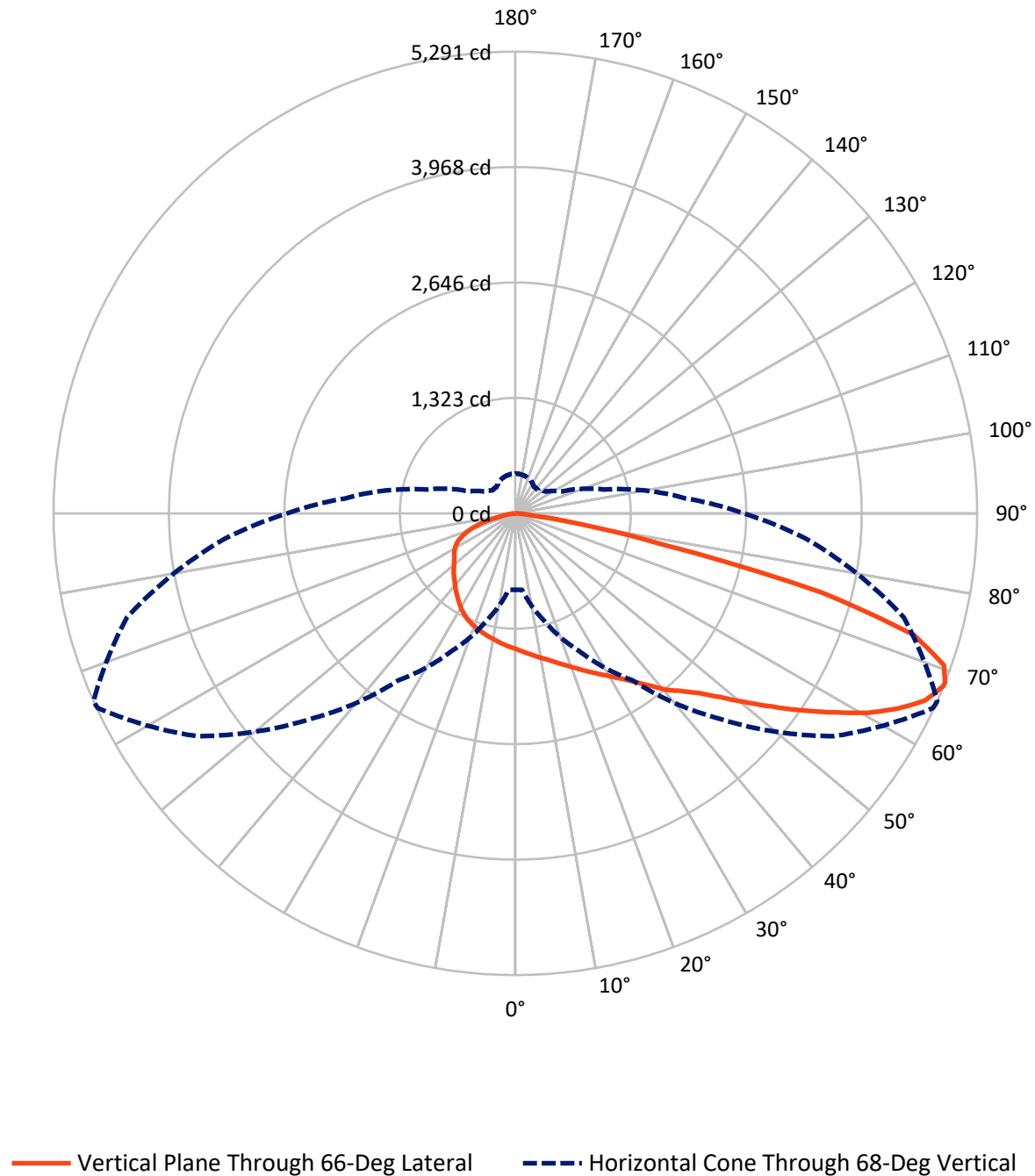
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 8 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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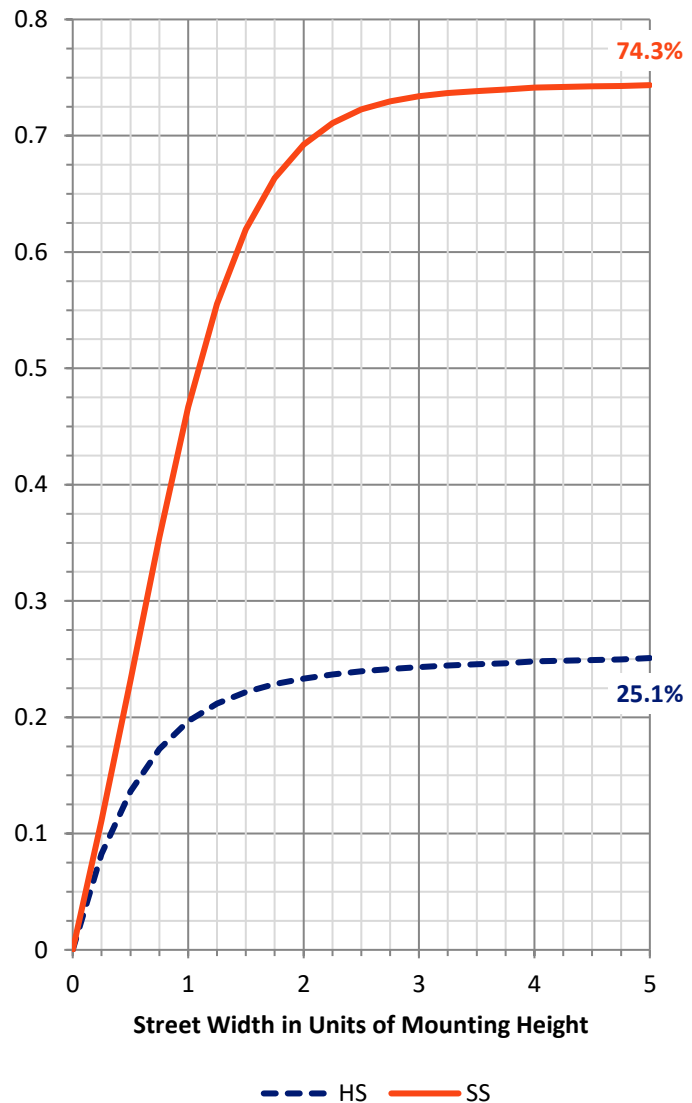
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2374.4	0.0	2374.4
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	6899.9	0.0	6899.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	9274.3	0.0	9274.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	1.6
10°-20°	448.5	4.8
20°-30°	772.9	8.3
30°-40°	1199.0	12.9
40°-50°	1642.6	17.7
50°-60°	1959.4	21.1
60°-70°	1963.4	21.2
70°-80°	1039.0	11.2
80°-90°	100.3	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°	9274.3	100.0
0°-180°	9274.3	100.0



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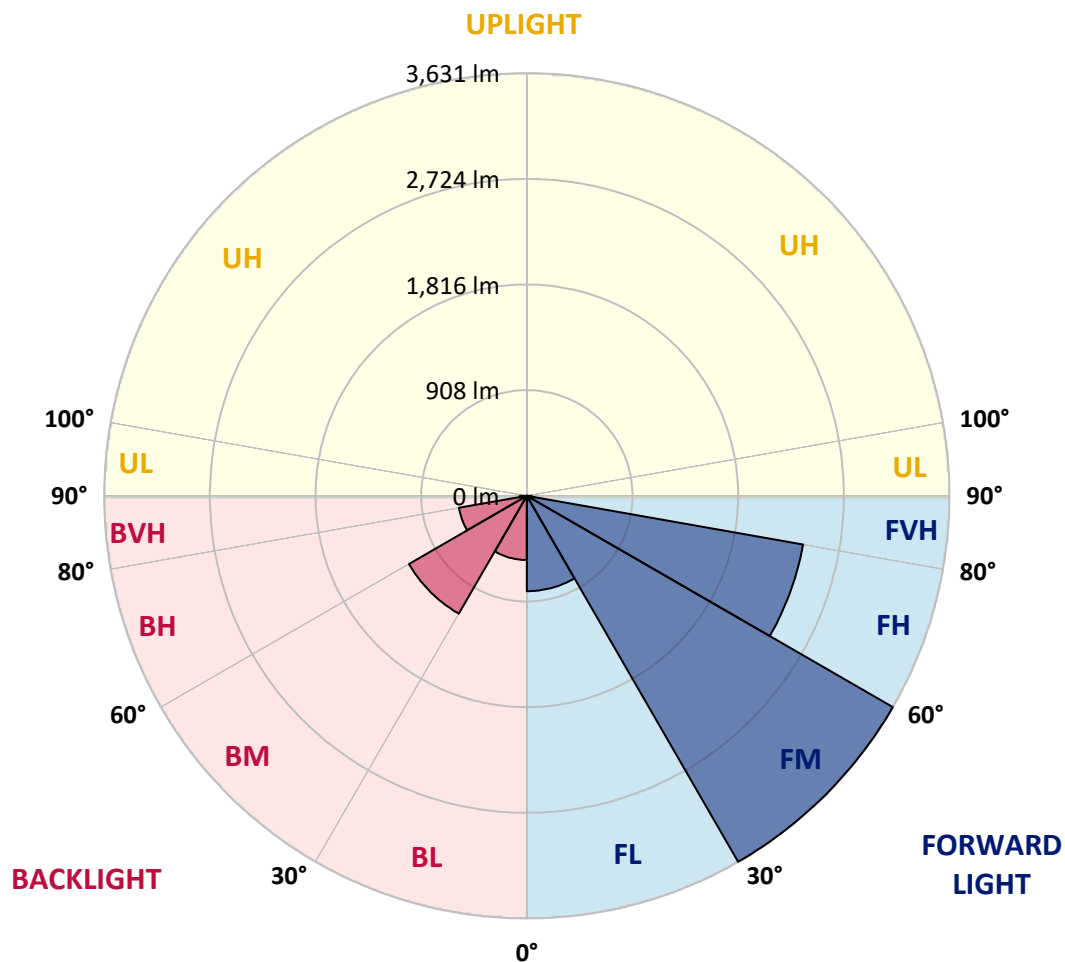
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	819.2	8.8			
FM	(30°-60°)	3631.3	39.2			
FH	(60°-80°)	2410.0	26.0			G2/5000
FVH	(80°-90°)	39.4	0.4			G1/100
BL	(0°-30°)	551.5	5.9	B2/1000		
BM	(30°-60°)	1169.6	12.6	B2/2500		
BH	(60°-80°)	592.4	6.4	B2/1000		G2/1000
BVH	(80°-90°)	60.9	0.7			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5
2.5°	1620.3	1620.3	1616.7	1614.9	1613.1	1602.3	1595.1	1586.1	1586.1	1571.7	1559.1
5°	1676.1	1677.9	1670.7	1670.7	1663.5	1649.1	1634.7	1616.7	1616.7	1595.1	1569.9
7.5°	1724.7	1730.1	1722.9	1722.9	1715.7	1699.5	1676.1	1650.9	1650.9	1620.3	1584.3
10°	1771.5	1775.1	1771.5	1775.1	1764.3	1749.9	1722.9	1688.7	1686.9	1649.1	1598.7
12.5°	1809.3	1812.9	1814.7	1820.2	1811.1	1800.3	1775.1	1731.9	1726.5	1681.5	1616.7
15°	1845.4	1849.0	1854.4	1861.6	1859.8	1850.8	1827.4	1778.7	1775.1	1717.5	1640.1
17.5°	1874.2	1876.0	1886.8	1901.2	1904.8	1906.6	1881.4	1831.0	1827.4	1758.9	1665.3
20°	1915.6	1919.2	1930.0	1944.4	1955.2	1962.4	1942.6	1886.8	1883.2	1807.5	1697.7
22.5°	2009.2	2003.8	2009.2	2009.2	2014.6	2025.4	2011.0	1955.2	1948.0	1865.2	1737.3
25°	2185.6	2180.2	2165.8	2133.4	2097.4	2095.6	2079.4	2025.4	2016.4	1924.6	1775.1
27.5°	2432.3	2419.7	2392.7	2324.2	2237.8	2182.0	2156.8	2101.0	2090.2	1984.0	1811.1
30°	2693.3	2707.7	2662.7	2569.1	2410.7	2291.8	2243.2	2180.2	2171.2	2050.6	1854.4
32.5°	2997.6	2999.4	2954.4	2824.7	2619.5	2430.5	2347.7	2270.2	2263.0	2128.0	1912.0
35°	3174.0	3181.2	3161.4	3040.8	2806.7	2583.5	2473.7	2380.1	2374.7	2225.2	1984.0
37.5°	3357.6	3373.9	3343.2	3210.0	2949.0	2725.7	2614.1	2511.5	2506.1	2336.9	2074.0
40°	3629.5	3622.3	3589.9	3393.7	3082.2	2844.5	2752.7	2671.7	2659.1	2473.7	2165.8
42.5°	3825.7	3843.7	3773.5	3552.1	3228.0	2963.4	2891.4	2799.5	2783.3	2556.5	2219.8
45°	3892.4	3876.1	3798.7	3636.7	3418.9	3071.4	3022.8	2952.6	2936.4	2702.3	2326.0
47.5°	3906.8	3877.9	3809.5	3687.1	3580.9	3211.8	3183.0	3166.8	3143.4	2886.0	2453.9
50°	3818.5	3798.7	3766.3	3705.1	3685.3	3343.2	3357.6	3417.1	3397.3	3084.0	2596.1
52.5°	3618.7	3609.7	3638.5	3678.1	3625.9	3456.7	3564.7	3685.3	3678.1	3301.8	2749.1
55°	3242.4	3242.4	3404.5	3543.1	3573.7	3530.5	3787.9	3995.0	3986.0	3546.7	2895.0
57.5°	2898.6	2904.0	3039.0	3350.4	3480.1	3609.7	4036.4	4319.0	4304.6	3822.1	3048.0
60°	2464.7	2464.7	2669.9	3060.6	3345.0	3670.9	4256.0	4632.3	4641.3	4088.6	3199.2
62.5°	1951.6	1957.0	2241.4	2700.5	3150.6	3681.7	4430.7	4927.5	4925.7	4329.8	3316.2
65°	1438.5	1440.3	1827.4	2300.8	2859.0	3606.1	4526.1	5154.4	5165.2	4520.7	3384.7
67.5°	934.4	952.4	1344.9	1867.0	2446.7	3391.9	4475.7	5275.0	5287.6	4608.9	3363.0
68°	875.0	878.6	1272.8	1748.1	2335.1	3337.8	4452.3	5280.4	5291.2	4607.1	3341.4
70°	567.1	567.1	911.0	1364.7	1863.4	3001.2	4248.8	5195.8	5208.4	4527.9	3184.8
72.5°	306.1	311.5	520.3	826.4	1272.8	2322.4	3834.7	4754.7	4776.3	4094.0	2785.1
75°	214.2	217.8	302.5	462.7	693.1	1512.3	2997.6	3633.1	3629.5	2828.3	1744.5
77.5°	154.8	154.8	172.8	288.1	363.7	691.3	1483.5	1749.9	1730.1	1380.9	880.4
80°	100.8	100.8	108.0	151.2	174.6	210.6	453.7	757.9	772.3	673.3	439.3
82.5°	41.4	43.2	46.8	61.2	63.0	88.2	129.6	217.8	210.6	171.0	124.2
85°	5.4	5.4	7.2	9.0	10.8	19.8	18.0	18.0	18.0	21.6	19.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.6	5.4	5.4	7.2	5.4
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°	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5	1555.5
2.5°	1555.5	1555.5	1544.7	1533.9	1523.1	1514.1	1501.5	1492.5	1494.3	1499.7	1497.9
5°	1564.5	1555.5	1533.9	1510.5	1492.5	1476.3	1452.9	1440.3	1438.5	1442.1	1440.3
7.5°	1569.9	1555.5	1523.1	1487.1	1458.3	1436.7	1404.3	1391.7	1386.3	1388.1	1388.1
10°	1580.7	1557.3	1512.3	1461.9	1425.9	1395.3	1361.1	1343.1	1337.7	1337.7	1335.9
12.5°	1593.3	1560.9	1501.5	1440.3	1393.5	1357.5	1317.9	1298.1	1292.6	1292.6	1290.8
15°	1605.9	1566.3	1490.7	1416.9	1362.9	1319.7	1281.8	1258.4	1251.2	1251.2	1254.8
17.5°	1622.1	1571.7	1479.9	1395.3	1330.5	1281.8	1242.2	1218.8	1209.8	1215.2	1218.8
20°	1638.3	1582.5	1469.1	1371.9	1298.1	1247.6	1208.0	1184.6	1175.6	1184.6	1186.4
22.5°	1661.7	1591.5	1456.5	1344.9	1265.6	1209.8	1173.8	1152.2	1146.8	1155.8	1163.0
25°	1685.1	1602.3	1440.3	1316.1	1224.2	1170.2	1141.4	1125.2	1127.0	1139.6	1146.8
27.5°	1710.3	1611.3	1424.1	1280.0	1179.2	1128.8	1107.2	1103.6	1110.8	1125.2	1134.2
30°	1740.9	1623.9	1402.5	1238.6	1128.8	1083.8	1074.8	1085.6	1098.2	1112.6	1121.6
32.5°	1780.5	1640.1	1380.9	1191.8	1076.6	1035.2	1049.6	1073.0	1087.4	1101.8	1110.8
35°	1836.4	1672.5	1368.3	1145.0	1020.8	993.8	1026.2	1064.0	1074.8	1083.8	1094.6
37.5°	1901.2	1715.7	1362.9	1101.8	970.4	957.8	1002.8	1047.8	1051.4	1055.0	1065.8
40°	1964.2	1748.1	1348.5	1055.0	918.2	918.2	974.0	1017.2	1015.4	1010.0	1017.2
42.5°	1989.4	1744.5	1307.1	1010.0	876.8	878.6	929.0	970.4	959.6	959.6	970.4
45°	2061.4	1773.3	1276.4	974.0	839.0	831.8	871.4	903.8	921.8	945.2	956.0
47.5°	2153.2	1812.9	1253.0	932.6	803.0	779.6	801.2	855.2	885.8	911.0	920.0
50°	2248.6	1858.0	1231.4	889.4	766.9	720.1	730.9	790.4	817.4	830.0	835.4
52.5°	2345.9	1899.4	1215.2	853.4	725.5	649.9	673.3	729.1	748.9	756.1	759.7
55°	2432.3	1933.6	1200.8	822.8	678.7	594.1	612.1	669.7	684.1	691.3	696.7
57.5°	2524.1	1971.4	1191.8	794.0	626.5	545.5	558.1	610.3	630.1	637.3	642.7
60°	2605.1	2007.4	1184.6	763.3	577.9	502.3	509.5	559.9	581.5	585.1	590.5
62.5°	2659.1	2030.8	1173.8	725.5	532.9	460.9	462.7	511.3	534.7	538.3	541.9
65°	2673.5	2025.4	1141.4	675.1	487.9	419.5	419.5	466.3	491.5	504.1	509.5
67.5°	2630.3	1980.4	1073.0	610.3	444.7	381.7	381.7	423.1	450.1	464.5	469.9
68°	2615.9	1960.6	1051.4	594.1	433.9	372.7	372.7	415.9	441.1	453.7	457.3
70°	2493.5	1863.4	952.4	532.9	399.7	345.7	345.7	383.5	410.5	410.5	408.7
72.5°	2165.8	1614.9	783.2	446.5	349.3	306.1	311.5	347.5	356.5	365.5	363.7
75°	1341.3	966.8	525.7	352.9	293.5	268.3	279.1	311.5	316.9	336.7	331.3
77.5°	671.5	473.5	279.1	205.2	226.8	230.4	250.2	273.7	289.9	311.5	297.1
80°	331.3	230.4	163.8	127.8	133.2	169.2	217.8	235.8	264.7	279.1	266.5
82.5°	91.8	70.2	66.6	70.2	99.0	131.4	171.0	208.8	246.6	259.2	241.2
85°	16.2	12.6	10.8	34.2	68.4	97.2	138.6	185.4	221.4	212.4	199.8
87.5°	5.4	3.6	3.6	21.6	50.4	79.2	118.8	165.6	189.0	171.0	153.0
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)