

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: P1211860

Luminaire Tested: **GKO-PB2B-835-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211860
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-835-U-T3
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

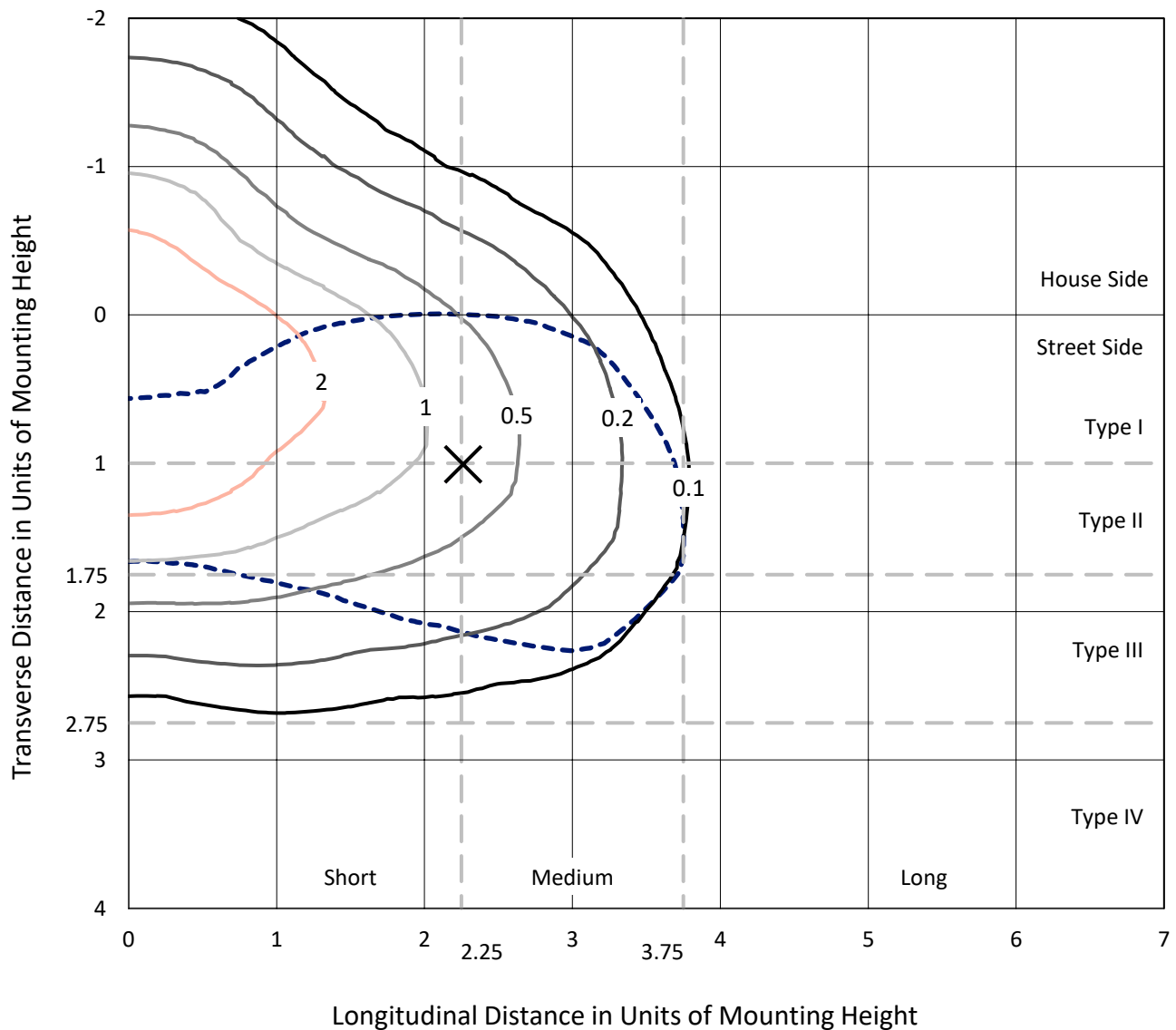
Lumens per Lamp: N/A
Luminaire Lumens: 5678.1 lumens
Efficiency: N/A
Efficacy: 135.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 41.8
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

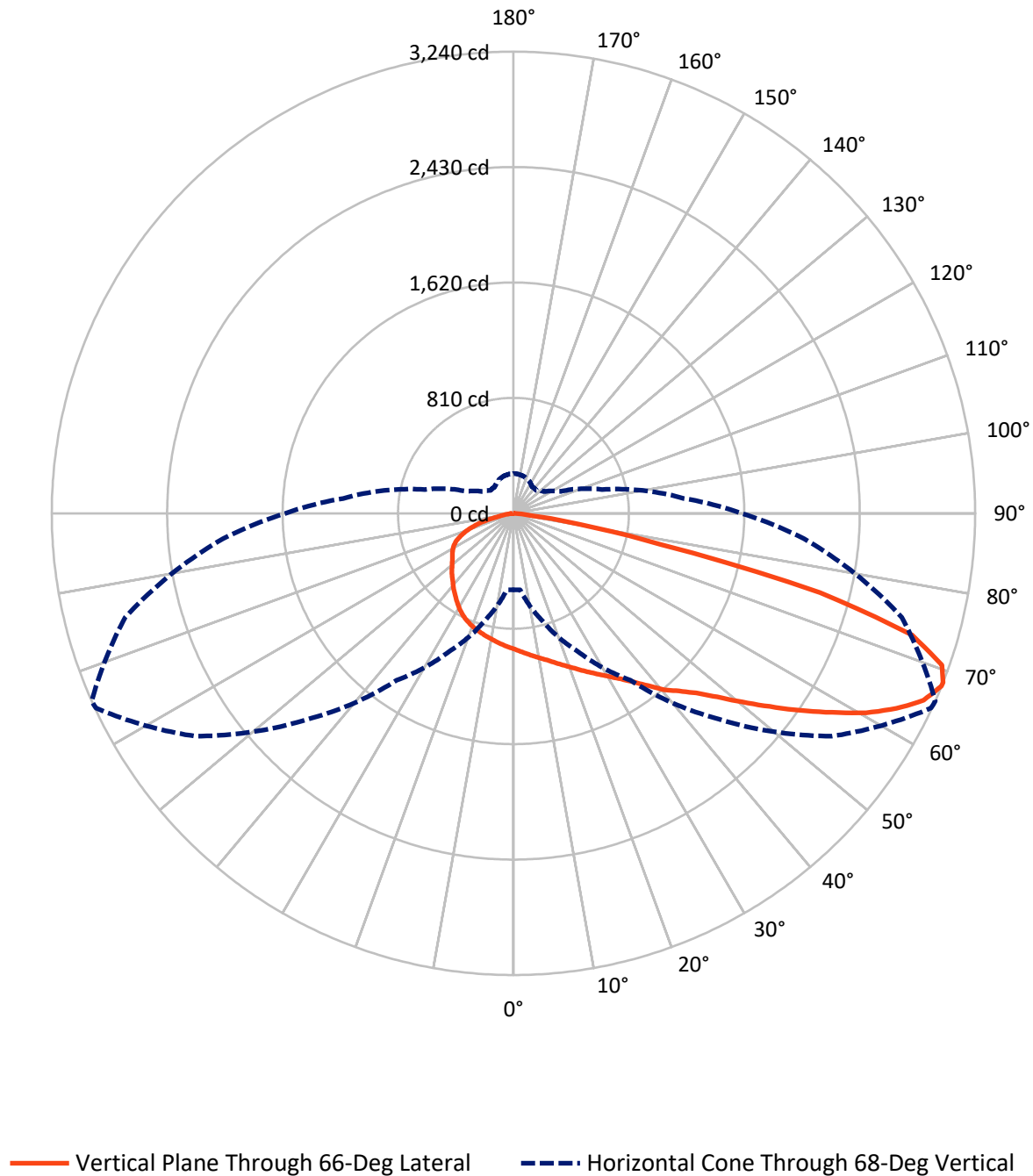
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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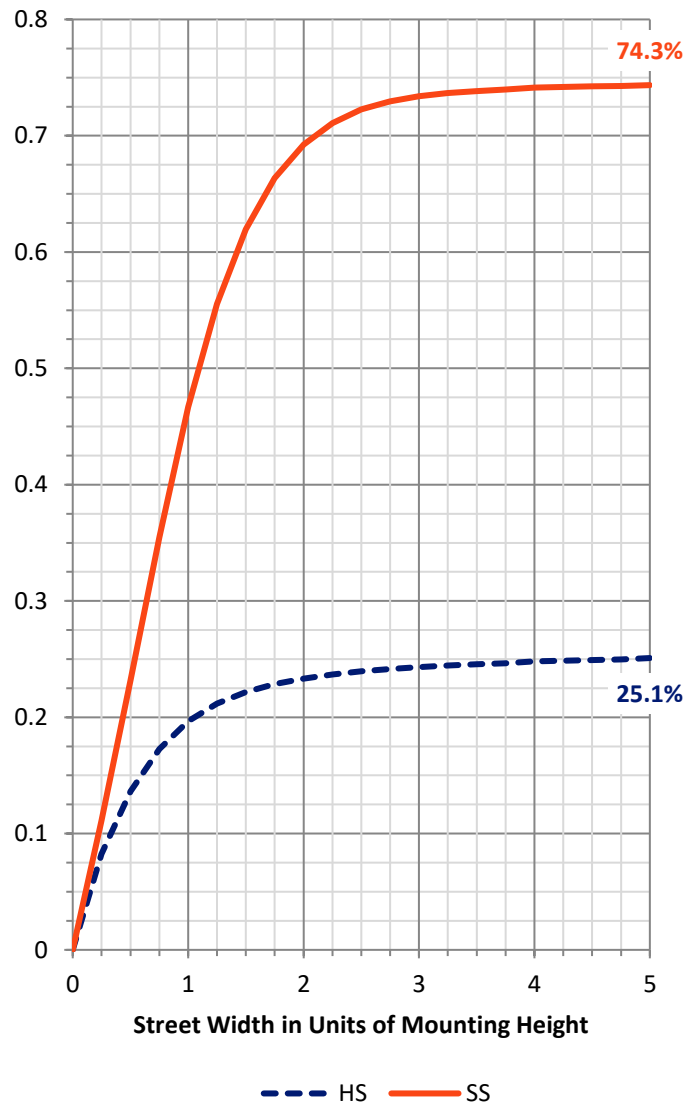
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1453.7	0.0	1453.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4224.4	0.0	4224.4
	% Fixture	74.4	0.0	74.4
Total	Lumens	5678.1	0.0	5678.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.3	1.6
10°-20°	274.6	4.8
20°-30°	473.2	8.3
30°-40°	734.1	12.9
40°-50°	1005.6	17.7
50°-60°	1199.6	21.1
60°-70°	1202.1	21.2
70°-80°	636.1	11.2
80°-90°	61.4	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°	5678.1	100.0
0°-180°	5678.1	100.0



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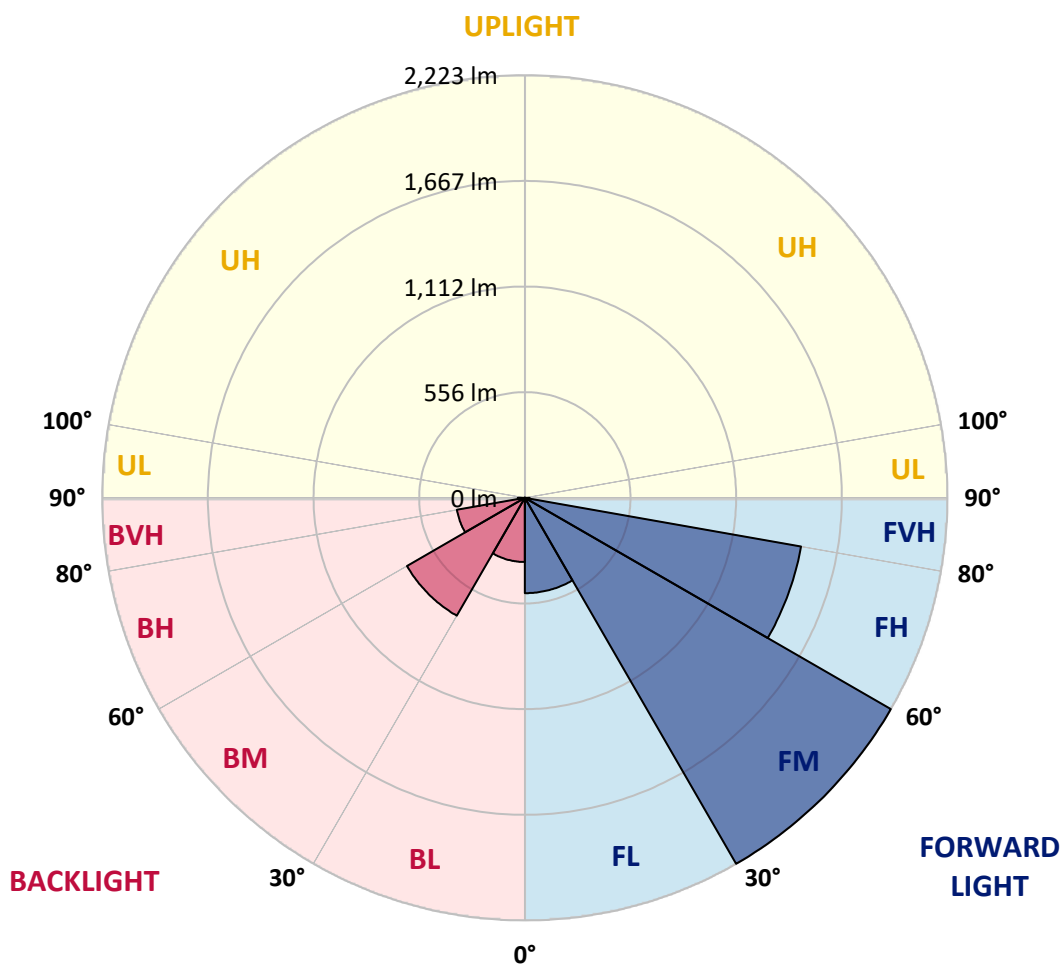
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	501.5	8.8			
FM	(30°-60°)	2223.2	39.2			
FH	(60°-80°)	1475.5	26.0			G1/1800
FVH	(80°-90°)	24.1	0.4			G1/100
BL	(0°-30°)	337.6	5.9	B1/500		
BM	(30°-60°)	716.1	12.6	B1/1000		
BH	(60°-80°)	362.7	6.4	B1/500		G1/500
BVH	(80°-90°)	37.3	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-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3
2.5°	992.0	992.0	989.8	988.7	987.6	981.0	976.6	971.1	971.1	962.3	954.5
5°	1026.2	1027.3	1022.9	1022.9	1018.5	1009.7	1000.8	989.8	989.8	976.6	961.2
7.5°	1055.9	1059.3	1054.8	1054.8	1050.4	1040.5	1026.2	1010.8	1010.8	992.0	970.0
10°	1084.6	1086.8	1084.6	1086.8	1080.2	1071.4	1054.8	1033.9	1032.8	1009.7	978.8
12.5°	1107.8	1110.0	1111.1	1114.4	1108.9	1102.2	1086.8	1060.4	1057.1	1029.5	989.8
15°	1129.8	1132.0	1135.3	1139.7	1138.6	1133.1	1118.8	1089.0	1086.8	1051.5	1004.1
17.5°	1147.4	1148.5	1155.1	1164.0	1166.2	1167.3	1151.8	1121.0	1118.8	1076.9	1019.6
20°	1172.8	1175.0	1181.6	1190.4	1197.0	1201.4	1189.3	1155.1	1152.9	1106.7	1039.4
22.5°	1230.1	1226.8	1230.1	1230.1	1233.4	1240.0	1231.2	1197.0	1192.6	1141.9	1063.7
25°	1338.1	1334.8	1326.0	1306.2	1284.1	1283.0	1273.1	1240.0	1234.5	1178.3	1086.8
27.5°	1489.1	1481.4	1464.9	1423.0	1370.1	1335.9	1320.5	1286.3	1279.7	1214.7	1108.9
30°	1649.0	1657.8	1630.2	1572.9	1475.9	1403.2	1373.4	1334.8	1329.3	1255.5	1135.3
32.5°	1835.2	1836.3	1808.8	1729.4	1603.8	1488.0	1437.3	1389.9	1385.5	1302.9	1170.6
35°	1943.3	1947.7	1935.5	1861.7	1718.4	1581.7	1514.5	1457.2	1453.9	1362.4	1214.7
37.5°	2055.7	2065.6	2046.9	1965.3	1805.5	1668.8	1600.5	1537.6	1534.3	1430.7	1269.8
40°	2222.1	2217.7	2197.9	2077.7	1887.0	1741.5	1685.3	1635.7	1628.0	1514.5	1326.0
42.5°	2342.3	2353.3	2310.3	2174.7	1976.3	1814.3	1770.2	1714.0	1704.1	1565.2	1359.1
45°	2383.0	2373.1	2325.7	2226.5	2093.2	1880.4	1850.7	1807.7	1797.8	1654.5	1424.1
47.5°	2391.9	2374.2	2332.3	2257.4	2192.4	1966.4	1948.8	1938.8	1924.5	1766.9	1502.4
50°	2337.9	2325.7	2305.9	2268.4	2256.3	2046.9	2055.7	2092.1	2079.9	1888.1	1589.4
52.5°	2215.5	2210.0	2227.6	2251.9	2219.9	2116.3	2182.4	2256.3	2251.9	2021.5	1683.1
55°	1985.1	1985.1	2084.3	2169.2	2188.0	2161.5	2319.1	2445.9	2440.4	2171.4	1772.4
57.5°	1774.6	1777.9	1860.6	2051.3	2130.6	2210.0	2471.2	2644.3	2635.5	2340.1	1866.1
60°	1509.0	1509.0	1634.6	1873.8	2048.0	2247.5	2605.7	2836.1	2841.6	2503.2	1958.7
62.5°	1194.8	1198.1	1372.3	1653.4	1928.9	2254.1	2712.6	3016.8	3015.7	2650.9	2030.3
65°	880.7	881.8	1118.8	1408.7	1750.4	2207.8	2771.0	3155.7	3162.3	2767.7	2072.2
67.5°	572.1	583.1	823.4	1143.0	1497.9	2076.6	2740.2	3229.6	3237.3	2821.7	2059.0
68°	535.7	537.9	779.3	1070.3	1429.6	2043.6	2725.8	3232.9	3239.5	2820.6	2045.8
70°	347.2	347.2	557.7	835.5	1140.8	1837.4	2601.3	3181.1	3188.8	2772.1	1949.9
72.5°	187.4	190.7	318.5	505.9	779.3	1421.9	2347.8	2911.0	2924.2	2506.5	1705.2
75°	131.2	133.4	185.2	283.3	424.4	925.9	1835.2	2224.3	2222.1	1731.6	1068.1
77.5°	94.8	94.8	105.8	176.4	222.7	423.3	908.2	1071.4	1059.3	845.4	539.0
80°	61.7	61.7	66.1	92.6	106.9	129.0	277.8	464.0	472.9	412.2	268.9
82.5°	25.4	26.5	28.7	37.5	38.6	54.0	79.4	133.4	129.0	104.7	76.1
85°	3.3	3.3	4.4	5.5	6.6	12.1	11.0	11.0	11.0	13.2	12.1
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.2	3.3	3.3	4.4	3.3
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°	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3	952.3
2.5°	952.3	952.3	945.7	939.1	932.5	927.0	919.3	913.8	914.9	918.2	917.1
5°	957.8	952.3	939.1	924.8	913.8	903.8	889.5	881.8	880.7	882.9	881.8
7.5°	961.2	952.3	932.5	910.5	892.8	879.6	859.7	852.0	848.7	849.8	849.8
10°	967.8	953.4	925.9	895.0	873.0	854.2	833.3	822.3	819.0	819.0	817.9
12.5°	975.5	955.6	919.3	881.8	853.1	831.1	806.8	794.7	791.4	791.4	790.3
15°	983.2	959.0	912.7	867.5	834.4	807.9	784.8	770.5	766.1	766.1	768.3
17.5°	993.1	962.3	906.0	854.2	814.6	784.8	760.5	746.2	740.7	744.0	746.2
20°	1003.0	968.9	899.4	839.9	794.7	763.9	739.6	725.3	719.8	725.3	726.4
22.5°	1017.4	974.4	891.7	823.4	774.9	740.7	718.7	705.4	702.1	707.6	712.0
25°	1031.7	981.0	881.8	805.7	749.5	716.5	698.8	688.9	690.0	697.7	702.1
27.5°	1047.1	986.5	871.9	783.7	722.0	691.1	677.9	675.7	680.1	688.9	694.4
30°	1065.9	994.2	858.6	758.3	691.1	663.5	658.0	664.7	672.4	681.2	686.7
32.5°	1090.1	1004.1	845.4	729.7	659.1	633.8	642.6	656.9	665.8	674.6	680.1
35°	1124.3	1024.0	837.7	701.0	625.0	608.4	628.3	651.4	658.0	663.5	670.2
37.5°	1164.0	1050.4	834.4	674.6	594.1	586.4	613.9	641.5	643.7	645.9	652.5
40°	1202.5	1070.3	825.6	645.9	562.1	562.1	596.3	622.8	621.7	618.4	622.8
42.5°	1218.0	1068.1	800.2	618.4	536.8	537.9	568.8	594.1	587.5	587.5	594.1
45°	1262.1	1085.7	781.5	596.3	513.6	509.2	533.5	553.3	564.3	578.7	585.3
47.5°	1318.3	1110.0	767.2	571.0	491.6	477.3	490.5	523.6	542.3	557.7	563.2
50°	1376.7	1137.5	753.9	544.5	469.6	440.9	447.5	483.9	500.4	508.1	511.4
52.5°	1436.2	1162.9	744.0	522.5	444.2	397.9	412.2	446.4	458.5	462.9	465.1
55°	1489.1	1183.8	735.2	503.7	415.5	363.7	374.8	410.0	418.9	423.3	426.6
57.5°	1545.3	1207.0	729.7	486.1	383.6	334.0	341.7	373.7	385.8	390.2	393.5
60°	1594.9	1229.0	725.3	467.4	353.8	307.5	311.9	342.8	356.0	358.2	361.5
62.5°	1628.0	1243.3	718.7	444.2	326.3	282.2	283.3	313.0	327.4	329.6	331.8
65°	1636.8	1240.0	698.8	413.3	298.7	256.8	256.8	285.5	300.9	308.6	311.9
67.5°	1610.4	1212.5	656.9	373.7	272.3	233.7	233.7	259.0	275.6	284.4	287.7
68°	1601.6	1200.3	643.7	363.7	265.6	228.2	228.2	254.6	270.0	277.8	280.0
70°	1526.6	1140.8	583.1	326.3	244.7	211.6	211.6	234.8	251.3	251.3	250.2
72.5°	1326.0	988.7	479.5	273.4	213.8	187.4	190.7	212.7	218.2	223.8	222.7
75°	821.2	591.9	321.9	216.0	179.7	164.2	170.8	190.7	194.0	206.1	202.8
77.5°	411.1	289.9	170.8	125.7	138.9	141.1	153.2	167.5	177.5	190.7	181.9
80°	202.8	141.1	100.3	78.3	81.6	103.6	133.4	144.4	162.0	170.8	163.1
82.5°	56.2	43.0	40.8	43.0	60.6	80.5	104.7	127.9	151.0	158.7	147.7
85°	9.9	7.7	6.6	20.9	41.9	59.5	84.9	113.5	135.6	130.1	122.3
87.5°	3.3	2.2	2.2	13.2	30.9	48.5	72.7	101.4	115.7	104.7	93.7
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)