

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: P1211740

Luminaire Tested: **GKO-PB1F-830-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211740
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-830-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

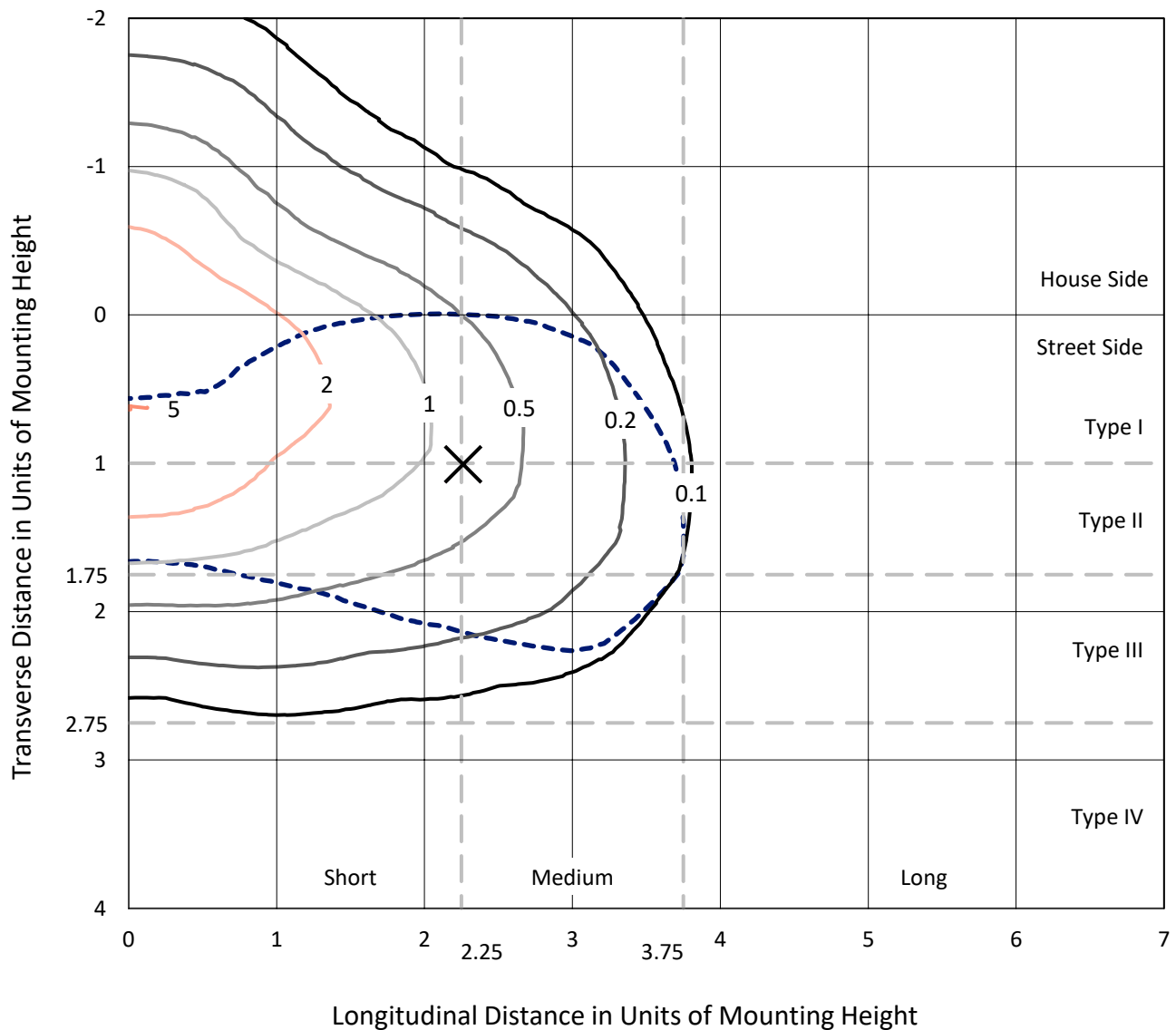
Lumens per Lamp: N/A
Luminaire Lumens: 5859 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

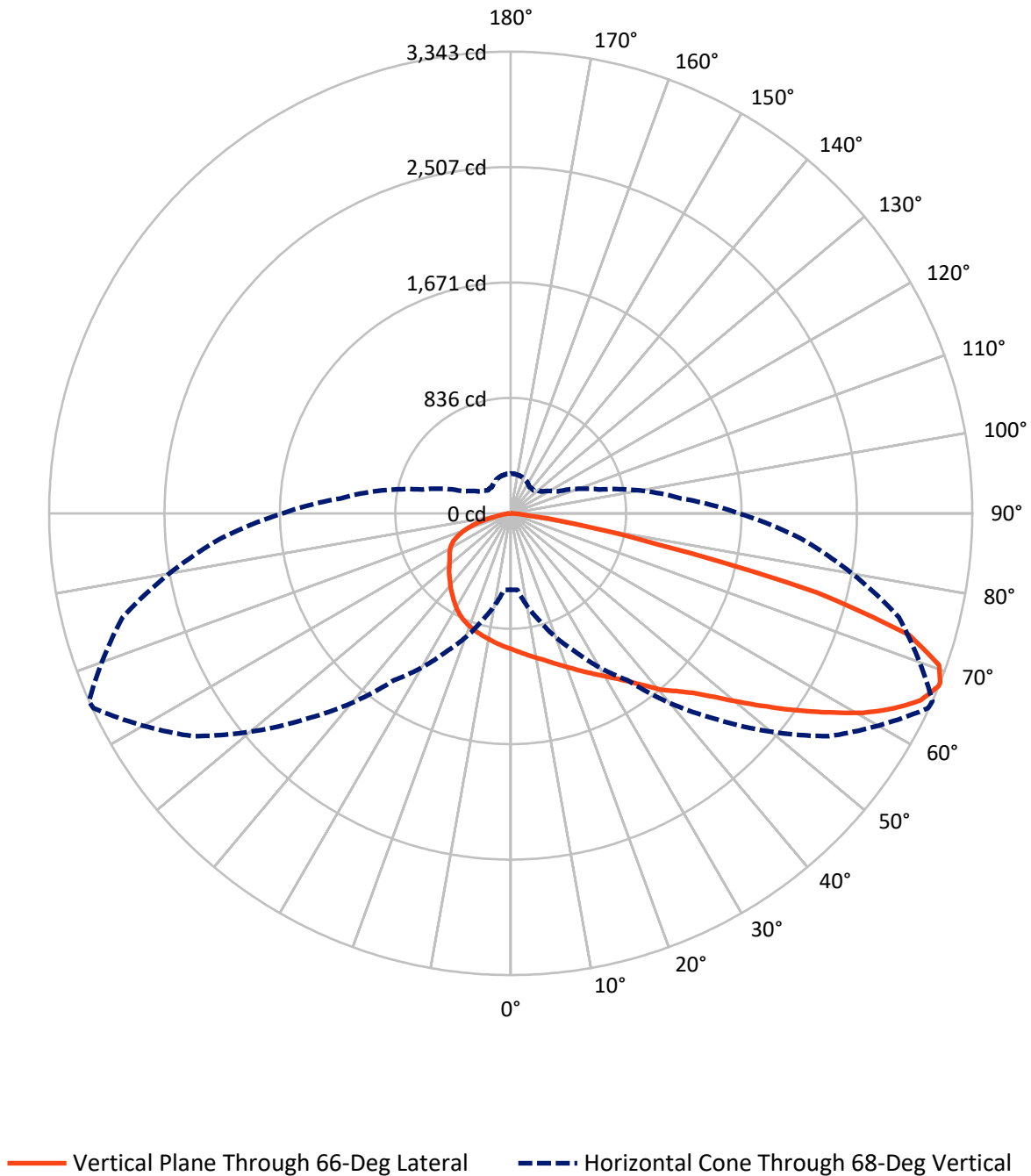
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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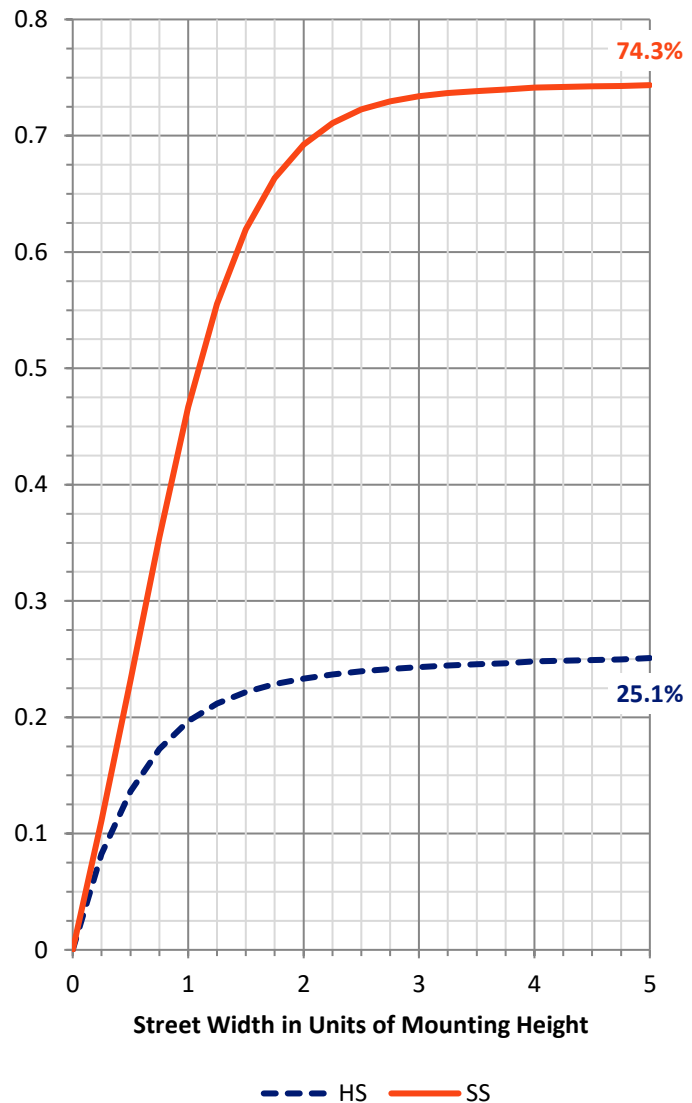
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1500.0	0.0	1500.0
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4359.0	0.0	4359.0
	% Fixture	74.4	0.0	74.4
Total	Lumens	5859.0	0.0	5859.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.3	1.6
10°-20°	283.4	4.8
20°-30°	488.3	8.3
30°-40°	757.5	12.9
40°-50°	1037.7	17.7
50°-60°	1237.8	21.1
60°-70°	1240.4	21.2
70°-80°	656.4	11.2
80°-90°	63.3	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°	5859.0	100.0
0°-180°	5859.0	100.0



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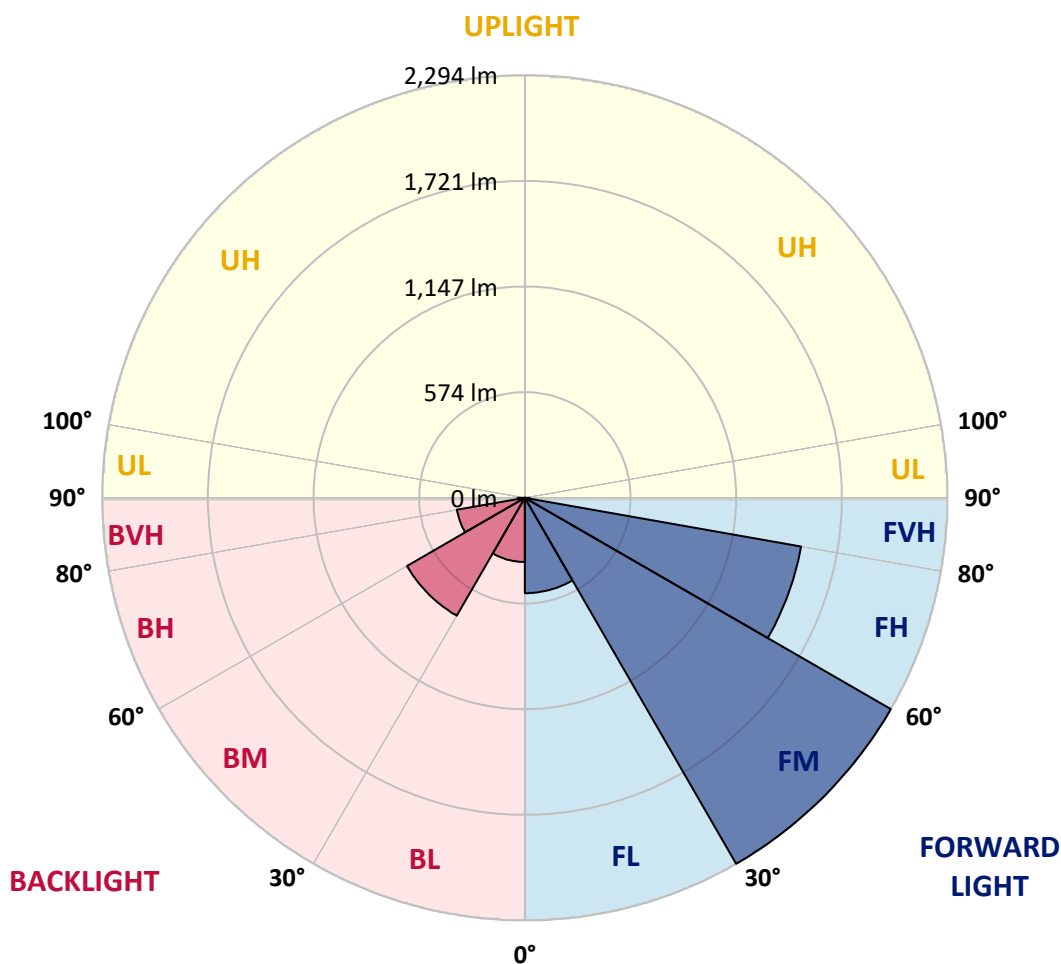
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	517.5	8.8			
FM	(30°-60°)	2294.1	39.2			
FH	(60°-80°)	1522.5	26.0			G1/1800
FVH	(80°-90°)	24.9	0.4			G1/100
BL	(0°-30°)	348.4	5.9	B1/500		
BM	(30°-60°)	738.9	12.6	B1/1000		
BH	(60°-80°)	374.3	6.4	B1/500		G1/500
BVH	(80°-90°)	38.5	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°	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7
2.5°	1023.6	1023.6	1021.4	1020.2	1019.1	1012.3	1007.7	1002.0	1002.0	992.9	985.0
5°	1058.9	1060.0	1055.5	1055.5	1050.9	1041.8	1032.7	1021.4	1021.4	1007.7	991.8
7.5°	1089.6	1093.0	1088.5	1088.5	1083.9	1073.7	1058.9	1043.0	1043.0	1023.6	1000.9
10°	1119.2	1121.4	1119.2	1121.4	1114.6	1105.5	1088.5	1066.9	1065.7	1041.8	1010.0
12.5°	1143.1	1145.3	1146.5	1149.9	1144.2	1137.4	1121.4	1094.2	1090.7	1062.3	1021.4
15°	1165.8	1168.1	1171.5	1176.0	1174.9	1169.2	1154.4	1123.7	1121.4	1085.1	1036.1
17.5°	1184.0	1185.1	1192.0	1201.1	1203.3	1204.5	1188.6	1156.7	1154.4	1111.2	1052.1
20°	1210.2	1212.4	1219.3	1228.4	1235.2	1239.7	1227.2	1192.0	1189.7	1141.9	1072.5
22.5°	1269.3	1265.9	1269.3	1269.3	1272.7	1279.5	1270.4	1235.2	1230.6	1178.3	1097.6
25°	1380.8	1377.4	1368.3	1347.8	1325.0	1323.9	1313.7	1279.5	1273.9	1215.9	1121.4
27.5°	1536.6	1528.6	1511.6	1468.3	1413.8	1378.5	1362.6	1327.3	1320.5	1253.4	1144.2
30°	1701.5	1710.6	1682.2	1623.0	1522.9	1447.9	1417.2	1377.4	1371.7	1295.5	1171.5
32.5°	1893.7	1894.9	1866.4	1784.5	1654.9	1535.5	1483.1	1434.2	1429.7	1344.4	1207.9
35°	2005.2	2009.7	1997.2	1921.0	1773.2	1632.1	1562.7	1503.6	1500.2	1405.8	1253.4
37.5°	2121.2	2131.4	2112.1	2027.9	1863.0	1722.0	1651.5	1586.6	1583.2	1476.3	1310.3
40°	2292.9	2288.4	2267.9	2143.9	1947.2	1797.0	1739.0	1687.9	1679.9	1562.7	1368.3
42.5°	2416.9	2428.3	2383.9	2244.0	2039.3	1872.1	1826.6	1768.6	1758.4	1615.1	1402.4
45°	2459.0	2448.8	2399.9	2297.5	2159.9	1940.4	1909.6	1865.3	1855.1	1707.2	1469.5
47.5°	2468.1	2449.9	2406.7	2329.3	2262.2	2029.1	2010.9	2000.6	1985.9	1823.2	1550.2
50°	2412.4	2399.9	2379.4	2340.7	2328.2	2112.1	2121.2	2158.7	2146.2	1948.3	1640.1
52.5°	2286.1	2280.4	2298.6	2323.7	2290.7	2183.8	2252.0	2328.2	2323.7	2085.9	1736.8
55°	2048.4	2048.4	2150.8	2238.3	2257.7	2230.4	2393.0	2523.8	2518.1	2240.6	1828.9
57.5°	1831.2	1834.6	1919.9	2116.7	2198.5	2280.4	2550.0	2728.6	2719.5	2414.6	1925.6
60°	1557.1	1557.1	1686.7	1933.5	2113.2	2319.1	2688.7	2926.5	2932.1	2583.0	2021.1
62.5°	1232.9	1236.3	1416.0	1706.1	1990.4	2325.9	2799.1	3113.0	3111.9	2735.4	2095.0
65°	908.8	909.9	1154.4	1453.6	1806.1	2278.2	2859.4	3256.3	3263.1	2855.9	2138.3
67.5°	590.3	601.7	849.6	1179.5	1545.7	2142.8	2827.5	3332.5	3340.5	2911.7	2124.6
68°	552.8	555.0	804.1	1104.4	1475.2	2108.7	2812.7	3335.9	3342.7	2910.5	2111.0
70°	358.3	358.3	575.5	862.1	1177.2	1896.0	2684.2	3282.5	3290.4	2860.5	2012.0
72.5°	193.4	196.8	328.7	522.1	804.1	1467.2	2422.6	3003.8	3017.4	2586.4	1759.5
75°	135.3	137.6	191.1	292.3	437.9	955.4	1893.7	2295.2	2292.9	1786.8	1102.1
77.5°	97.8	97.8	109.2	182.0	229.7	436.8	937.2	1105.5	1093.0	872.4	556.2
80°	63.7	63.7	68.2	95.5	110.3	133.1	286.6	478.8	487.9	425.4	277.5
82.5°	26.2	27.3	29.6	38.7	39.8	55.7	81.9	137.6	133.1	108.1	78.5
85°	3.4	3.4	4.5	5.7	6.8	12.5	11.4	11.4	11.4	13.6	12.5
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.3	3.4	3.4	4.5	3.4
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°	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7
2.5°	982.7	982.7	975.9	969.0	962.2	956.5	948.6	942.9	944.0	947.4	946.3
5°	988.4	982.7	969.0	954.3	942.9	932.6	917.9	909.9	908.8	911.0	909.9
7.5°	991.8	982.7	962.2	939.5	921.3	907.6	887.2	879.2	875.8	876.9	876.9
10°	998.6	983.8	955.4	923.5	900.8	881.5	859.9	848.5	845.1	845.1	843.9
12.5°	1006.6	986.1	948.6	909.9	880.3	857.6	832.6	820.0	816.6	816.6	815.5
15°	1014.5	989.5	941.7	895.1	861.0	833.7	809.8	795.0	790.5	790.5	792.7
17.5°	1024.8	992.9	934.9	881.5	840.5	809.8	784.8	770.0	764.3	767.7	770.0
20°	1035.0	999.8	928.1	866.7	820.0	788.2	763.2	748.4	742.7	748.4	749.5
22.5°	1049.8	1005.4	920.1	849.6	799.6	764.3	741.6	727.9	724.5	730.2	734.7
25°	1064.6	1012.3	909.9	831.4	773.4	739.3	721.1	710.9	712.0	720.0	724.5
27.5°	1080.5	1017.9	899.7	808.7	745.0	713.1	699.5	697.2	701.8	710.9	716.5
30°	1099.8	1025.9	886.0	782.5	713.1	684.7	679.0	685.8	693.8	702.9	708.6
32.5°	1124.9	1036.1	872.4	752.9	680.1	654.0	663.1	677.9	687.0	696.1	701.8
35°	1160.1	1056.6	864.4	723.4	644.9	627.8	648.3	672.2	679.0	684.7	691.5
37.5°	1201.1	1083.9	861.0	696.1	613.0	605.1	633.5	662.0	664.2	666.5	673.3
40°	1240.9	1104.4	851.9	666.5	580.1	580.1	615.3	642.6	641.5	638.1	642.6
42.5°	1256.8	1102.1	825.7	638.1	553.9	555.0	586.9	613.0	606.2	606.2	613.0
45°	1302.3	1120.3	806.4	615.3	530.0	525.5	550.5	571.0	582.3	597.1	603.9
47.5°	1360.3	1145.3	791.6	589.2	507.3	492.5	506.1	540.3	559.6	575.5	581.2
50°	1420.6	1173.8	778.0	561.9	484.5	454.9	461.8	499.3	516.4	524.3	527.7
52.5°	1482.0	1199.9	767.7	539.1	458.4	410.6	425.4	460.6	473.1	477.7	480.0
55°	1536.6	1221.5	758.6	519.8	428.8	375.3	386.7	423.1	432.2	436.8	440.2
57.5°	1594.6	1245.4	752.9	501.6	395.8	344.6	352.6	385.6	398.1	402.6	406.0
60°	1645.8	1268.2	748.4	482.2	365.1	317.3	321.9	353.7	367.4	369.6	373.1
62.5°	1679.9	1283.0	741.6	458.4	336.7	291.2	292.3	323.0	337.8	340.1	342.3
65°	1689.0	1279.5	721.1	426.5	308.2	265.0	265.0	294.6	310.5	318.5	321.9
67.5°	1661.7	1251.1	677.9	385.6	280.9	241.1	241.1	267.3	284.3	293.4	296.9
68°	1652.6	1238.6	664.2	375.3	274.1	235.4	235.4	262.7	278.7	286.6	288.9
70°	1575.3	1177.2	601.7	336.7	252.5	218.4	218.4	242.3	259.3	259.3	258.2
72.5°	1368.3	1020.2	494.8	282.1	220.7	193.4	196.8	219.5	225.2	230.9	229.7
75°	847.3	610.8	332.1	222.9	185.4	169.5	176.3	196.8	200.2	212.7	209.3
77.5°	424.2	299.1	176.3	129.7	143.3	145.6	158.1	172.9	183.1	196.8	187.7
80°	209.3	145.6	103.5	80.8	84.2	106.9	137.6	149.0	167.2	176.3	168.3
82.5°	58.0	44.4	42.1	44.4	62.6	83.0	108.1	131.9	155.8	163.8	152.4
85°	10.2	8.0	6.8	21.6	43.2	61.4	87.6	117.1	139.9	134.2	126.2
87.5°	3.4	2.3	2.3	13.6	31.8	50.0	75.1	104.6	119.4	108.1	96.7
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)