

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: P1211970

Luminaire Tested: **GKO-PB2B-830-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211970
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-830-U-T2U
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

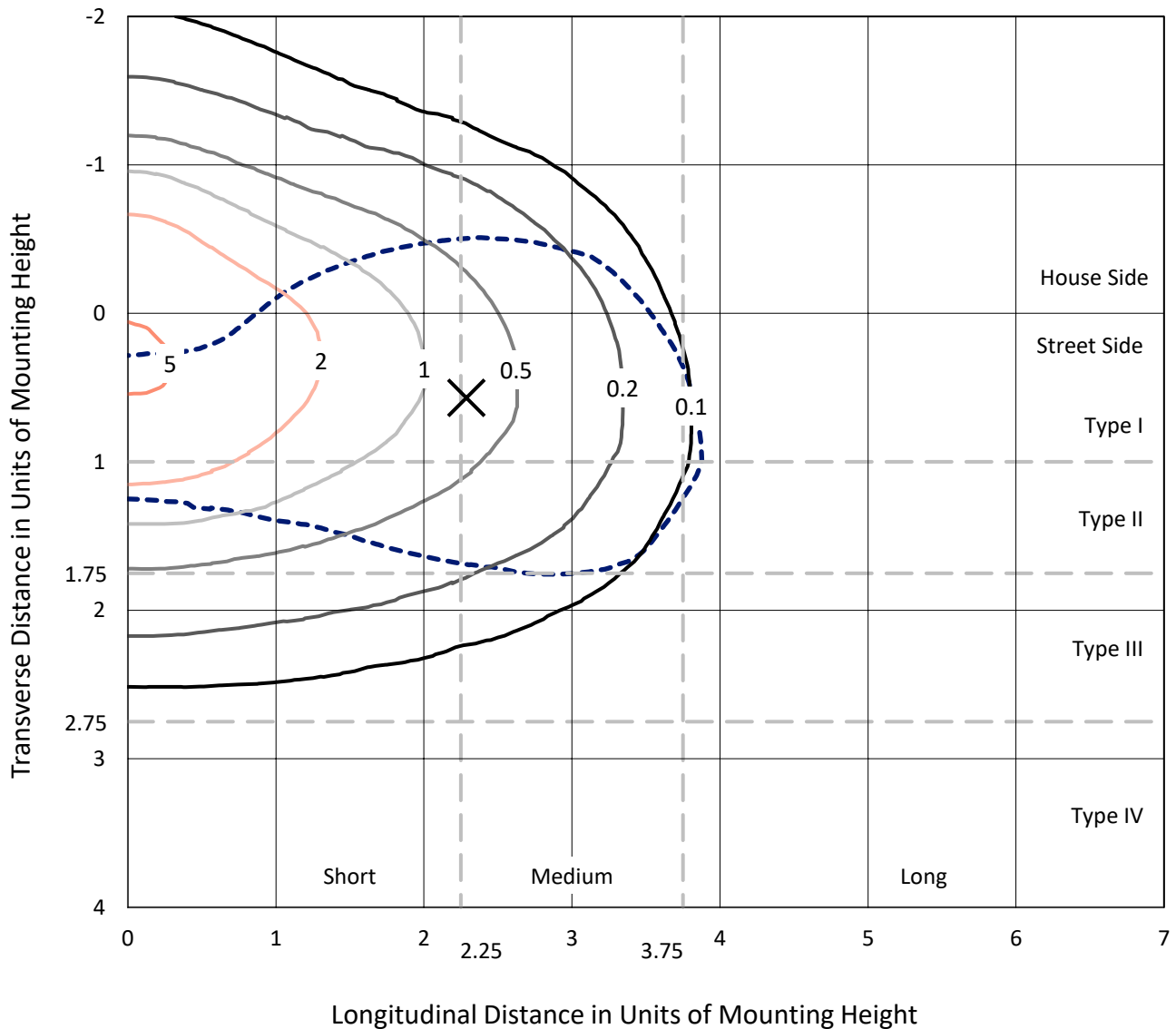
Lumens per Lamp: N/A
Luminaire Lumens: 5610.6 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

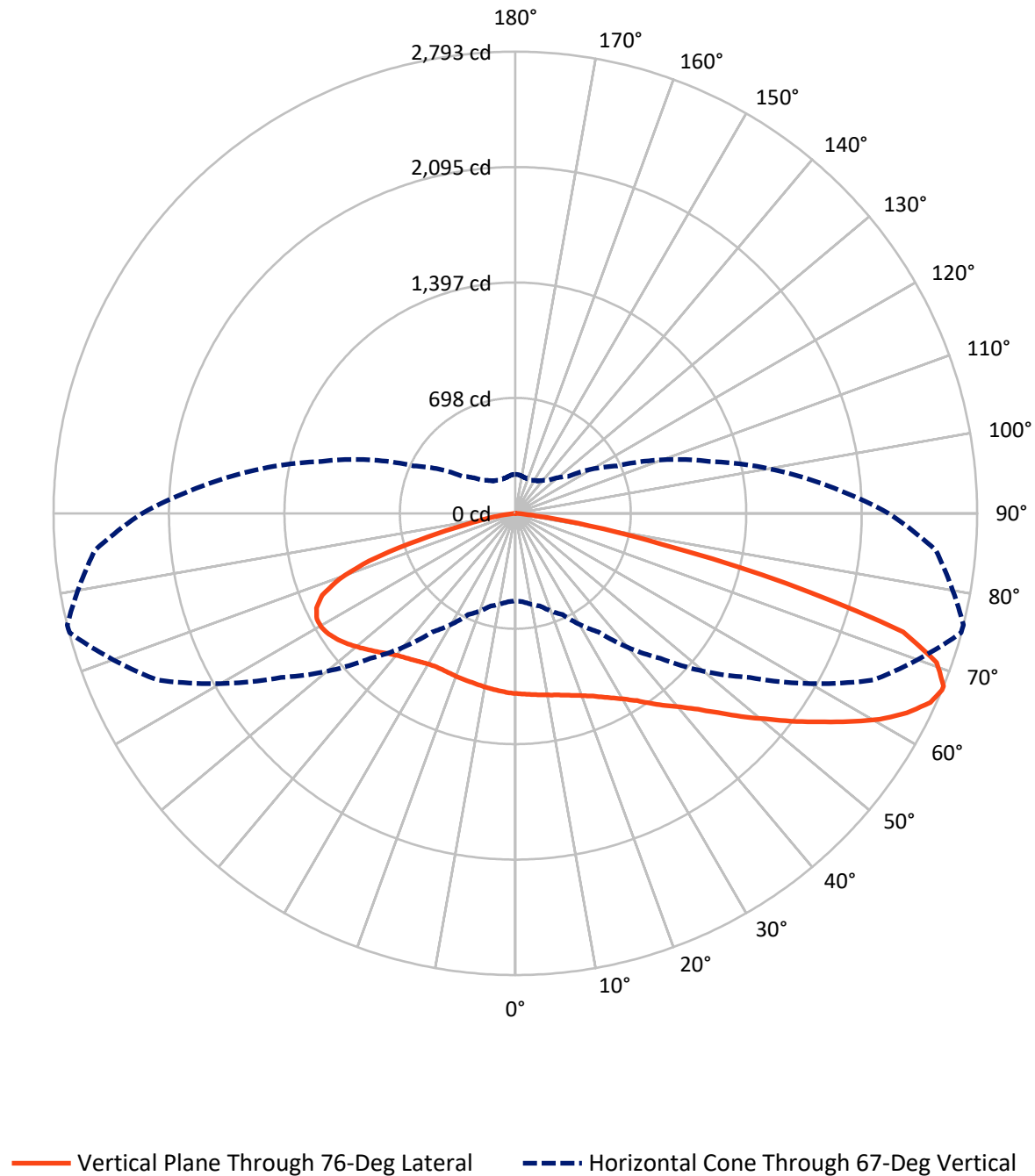
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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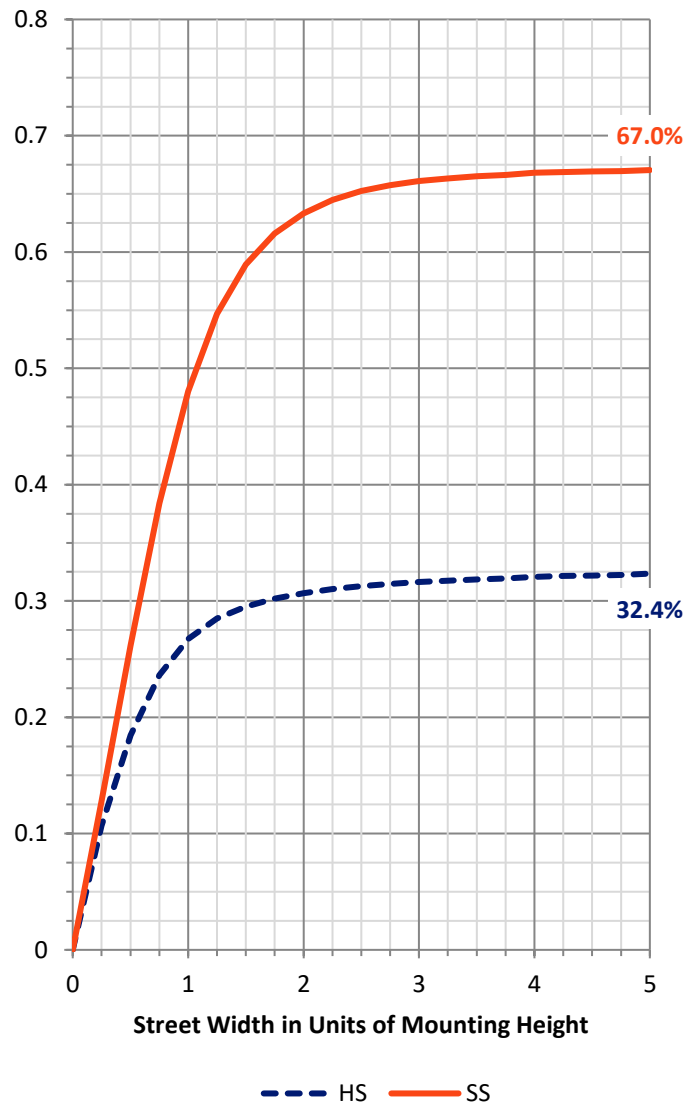
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1851.0	0.0	1851.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	3759.5	0.0	3759.5
	% Fixture	67.0	0.0	67.0
Total	Lumens	5610.6	0.0	5610.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.8	1.9
10°-20°	320.7	5.7
20°-30°	551.8	9.8
30°-40°	792.9	14.1
40°-50°	1005.5	17.9
50°-60°	1104.2	19.7
60°-70°	1070.8	19.1
70°-80°	591.2	10.5
80°-90°	68.6	1.2
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°	5610.6	100.0
0°-180°	5610.6	100.0

Coefficient of Utilization



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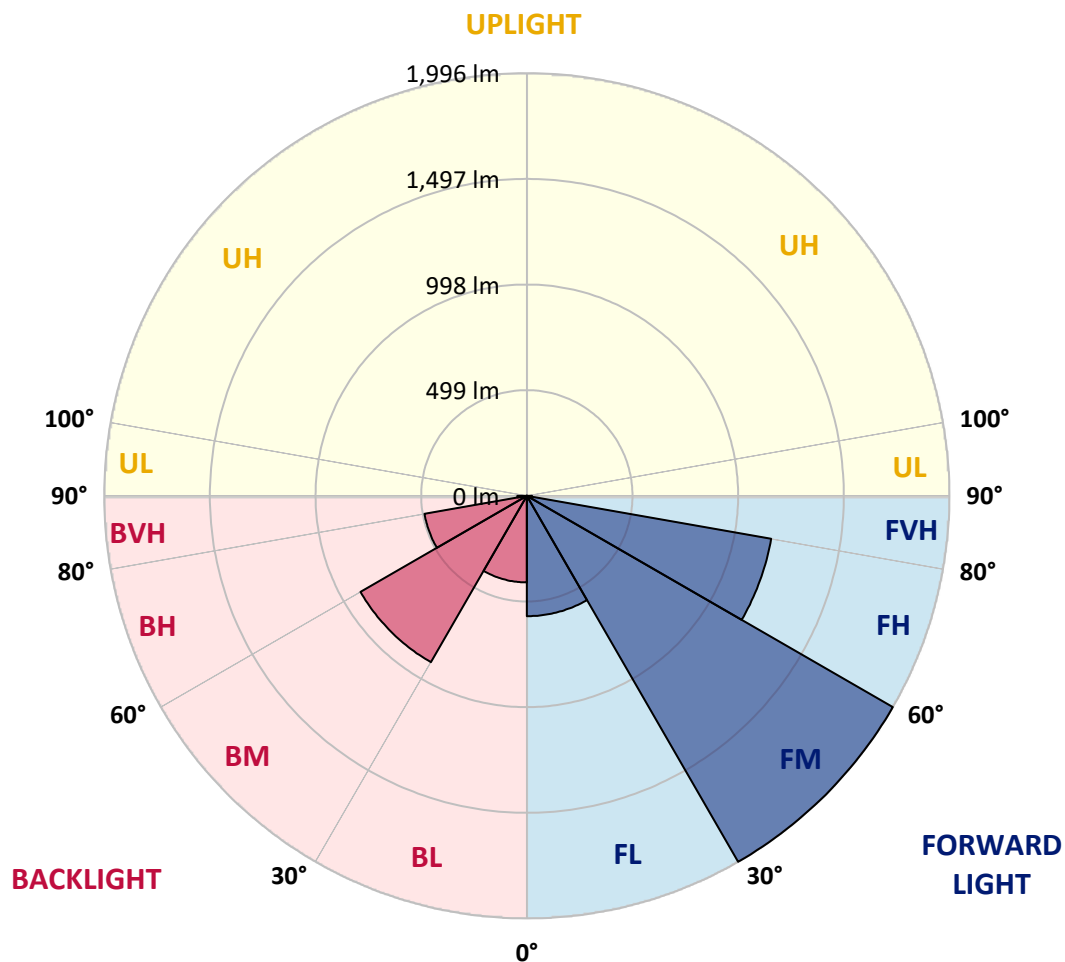
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	568.4	10.1			
FM	(30°-60°)	1995.5	35.6			
FH	(60°-80°)	1171.4	20.9			G1/1800
FVH	(80°-90°)	24.2	0.4			G1/100
BL	(0°-30°)	409.0	7.3	B1/500		
BM	(30°-60°)	907.0	16.2	B1/1000		
BH	(60°-80°)	490.7	8.7	B1/500		G1/500
BVH	(80°-90°)	44.3	0.8			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1123.2	1122.1	1121.0	1121.0	1116.7	1112.3	1108.0	1104.7	1096.1	1095.0	1090.6
5°	1156.8	1156.8	1153.6	1152.5	1146.0	1135.1	1125.4	1115.6	1103.7	1101.5	1091.7
7.5°	1200.2	1200.2	1194.8	1190.5	1180.7	1163.3	1146.0	1128.6	1111.3	1109.1	1093.9
10°	1255.6	1255.6	1251.2	1241.5	1220.9	1198.1	1169.9	1142.7	1119.9	1117.8	1096.1
12.5°	1313.1	1314.2	1307.7	1293.6	1268.6	1233.9	1199.2	1160.1	1130.8	1127.5	1100.4
15°	1371.7	1372.8	1368.4	1353.3	1319.6	1277.3	1230.6	1184.0	1144.9	1141.6	1106.9
17.5°	1429.2	1431.4	1427.0	1409.7	1370.6	1325.0	1267.5	1208.9	1162.3	1157.9	1117.8
20°	1483.5	1483.5	1483.5	1463.9	1426.0	1373.9	1307.7	1239.3	1181.8	1177.4	1130.8
22.5°	1532.3	1534.5	1537.7	1526.9	1483.5	1426.0	1354.3	1272.9	1206.8	1201.3	1147.1
25°	1581.1	1582.2	1590.9	1583.3	1541.0	1481.3	1404.3	1315.3	1237.1	1231.7	1166.6
27.5°	1637.6	1640.8	1646.3	1643.0	1595.3	1536.7	1459.6	1361.9	1270.8	1265.4	1190.5
30°	1703.8	1703.8	1707.0	1701.6	1653.9	1595.3	1514.9	1410.8	1313.1	1304.4	1219.8
32.5°	1758.0	1763.5	1761.3	1759.1	1709.2	1650.6	1571.4	1465.0	1361.9	1351.1	1259.9
35°	1809.0	1810.1	1809.0	1811.2	1761.3	1705.9	1631.1	1528.0	1416.2	1411.9	1310.9
37.5°	1838.3	1840.5	1845.9	1852.4	1808.0	1755.9	1690.8	1597.4	1483.5	1475.9	1371.7
40°	1852.4	1855.7	1885.0	1894.8	1847.0	1803.6	1753.7	1660.4	1548.6	1539.9	1432.5
42.5°	1874.2	1900.2	1915.4	1917.6	1876.3	1838.3	1808.0	1732.0	1628.9	1621.3	1513.9
45°	1802.5	1792.8	1832.9	1879.6	1877.4	1861.1	1860.0	1812.3	1727.6	1720.1	1606.1
47.5°	1712.5	1704.9	1726.6	1794.9	1843.8	1870.9	1911.0	1906.7	1847.0	1836.2	1713.5
50°	1497.6	1510.6	1617.0	1710.3	1794.9	1874.2	1954.5	2005.5	1963.1	1954.5	1827.5
52.5°	1296.8	1305.5	1378.2	1600.7	1732.0	1864.4	1992.4	2109.6	2098.8	2089.0	1952.3
55°	1155.7	1164.4	1280.5	1422.7	1638.7	1814.5	2017.4	2208.4	2236.6	2226.8	2084.7
57.5°	1008.2	1022.3	1101.5	1226.3	1513.9	1732.0	2026.1	2308.2	2386.4	2377.7	2211.7
60°	866.0	885.5	932.2	1067.8	1359.8	1634.3	2003.3	2388.5	2530.7	2530.7	2343.0
62.5°	734.7	745.5	794.4	917.0	1164.4	1509.5	1945.8	2439.5	2663.1	2657.7	2458.0
65°	626.2	631.6	670.7	775.9	1000.6	1371.7	1845.9	2436.3	2757.5	2758.6	2534.0
67°	528.5	537.2	580.6	676.1	875.8	1241.5	1730.9	2387.5	2791.2	2793.3	2552.4
67.5°	494.9	504.6	552.4	651.1	849.7	1205.7	1703.8	2366.8	2789.0	2793.3	2547.0
70°	340.8	342.9	423.2	536.1	698.9	1015.8	1516.0	2223.6	2706.5	2703.3	2428.7
72.5°	217.0	213.8	290.8	391.8	562.1	822.6	1279.5	1972.9	2455.8	2452.6	2141.1
75°	144.3	147.6	196.4	280.0	395.0	635.9	997.3	1488.9	1705.9	1692.9	1412.9
77.5°	103.1	100.9	121.5	201.8	264.8	386.3	541.5	792.2	906.1	906.1	775.9
80°	56.4	57.5	66.2	111.8	149.8	150.8	202.9	397.2	442.8	452.5	376.6
82.5°	16.3	17.4	23.9	38.0	41.2	45.6	70.5	113.9	119.4	125.9	102.0
85°	0.0	0.0	0.0	1.1	4.3	5.4	5.4	6.5	10.9	10.9	11.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.2	4.3	4.3	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°	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6	1090.6
2.5°	1089.5	1090.6	1086.3	1080.9	1076.5	1074.4	1067.8	1062.4	1065.7	1068.9	1068.9
5°	1088.5	1087.4	1078.7	1068.9	1062.4	1058.1	1047.2	1039.6	1040.7	1044.0	1042.9
7.5°	1088.5	1084.1	1072.2	1058.1	1047.2	1038.5	1024.4	1015.8	1014.7	1016.8	1014.7
10°	1089.5	1082.0	1065.7	1046.1	1030.9	1017.9	1000.6	990.8	987.5	988.6	986.5
12.5°	1091.7	1079.8	1059.2	1034.2	1014.7	997.3	977.8	965.8	963.7	965.8	965.8
15°	1095.0	1079.8	1053.7	1023.4	997.3	977.8	958.2	947.4	947.4	948.5	948.5
17.5°	1101.5	1083.0	1049.4	1011.4	979.9	958.2	940.9	933.3	934.4	937.6	937.6
20°	1108.0	1087.4	1045.1	999.5	964.7	939.8	925.7	920.3	924.6	928.9	928.9
22.5°	1117.8	1092.8	1040.7	988.6	947.4	922.4	910.5	906.1	910.5	915.9	913.7
25°	1133.0	1102.6	1037.5	978.9	931.1	904.0	892.0	887.7	889.9	894.2	894.2
27.5°	1150.3	1114.5	1036.4	966.9	911.6	882.3	868.2	861.7	861.7	862.7	863.8
30°	1179.6	1135.1	1040.7	958.2	894.2	859.5	841.0	831.3	830.2	834.5	834.5
32.5°	1214.3	1163.3	1051.6	950.6	876.8	832.4	807.4	799.8	797.6	800.9	797.6
35°	1253.4	1194.8	1065.7	949.6	859.5	803.1	774.8	766.2	759.6	757.5	755.3
37.5°	1308.8	1238.2	1079.8	944.1	842.1	771.6	741.2	722.7	715.2	713.0	713.0
40°	1363.0	1280.5	1097.1	935.4	821.5	740.1	696.7	676.1	672.8	672.8	672.8
42.5°	1431.4	1335.9	1121.0	930.0	796.5	708.6	649.0	625.1	625.1	625.1	624.0
45°	1516.0	1408.6	1151.4	927.9	772.7	670.7	597.9	566.5	565.4	564.3	563.2
47.5°	1614.8	1484.6	1180.7	922.4	744.5	625.1	539.3	504.6	497.0	494.9	491.6
50°	1716.8	1567.0	1212.2	914.8	710.8	571.9	484.0	443.8	427.6	422.1	424.3
52.5°	1825.3	1647.3	1242.6	904.0	670.7	518.7	427.6	385.2	369.0	362.5	361.4
55°	1931.7	1728.7	1270.8	889.9	627.2	464.5	379.8	338.6	324.5	322.3	322.3
57.5°	2039.1	1806.9	1292.5	869.3	579.5	416.7	338.6	304.9	295.2	299.5	299.5
60°	2136.8	1875.2	1303.3	841.0	531.8	373.3	306.0	281.1	276.7	287.6	286.5
62.5°	2224.7	1920.8	1297.9	799.8	485.1	336.4	281.1	262.6	263.7	276.7	277.8
65°	2267.0	1928.4	1266.4	743.4	433.0	304.9	255.0	237.7	239.8	253.9	257.2
67°	2257.2	1899.1	1214.3	679.3	390.7	281.1	238.7	221.4	222.5	234.4	235.5
67.5°	2246.4	1885.0	1200.2	659.8	379.8	276.7	234.4	218.1	220.3	231.1	231.1
70°	2102.0	1741.8	1070.0	560.0	328.8	246.3	213.8	202.9	205.1	211.6	211.6
72.5°	1837.3	1508.4	866.0	449.3	278.9	218.1	193.2	186.7	186.7	186.7	181.2
75°	1172.0	945.2	566.5	344.0	230.1	186.7	173.6	166.0	161.7	168.2	166.0
77.5°	647.9	493.8	295.2	197.5	166.0	155.2	150.8	147.6	146.5	161.7	157.4
80°	307.1	244.2	166.0	112.9	95.5	115.0	130.2	128.1	153.0	209.4	210.5
82.5°	97.7	80.3	67.3	61.9	64.0	82.5	100.9	116.1	198.6	224.6	221.4
85°	11.9	10.9	7.6	25.0	42.3	60.8	78.1	150.8	182.3	151.9	143.2
87.5°	4.3	4.3	4.3	17.4	32.6	46.7	70.5	151.9	111.8	102.0	93.3
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)