

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: P1211962

Luminaire Tested: **GKO-PB1E-830-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211962
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-830-U-T2U
Description: GEKKO WALL PACK 5000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

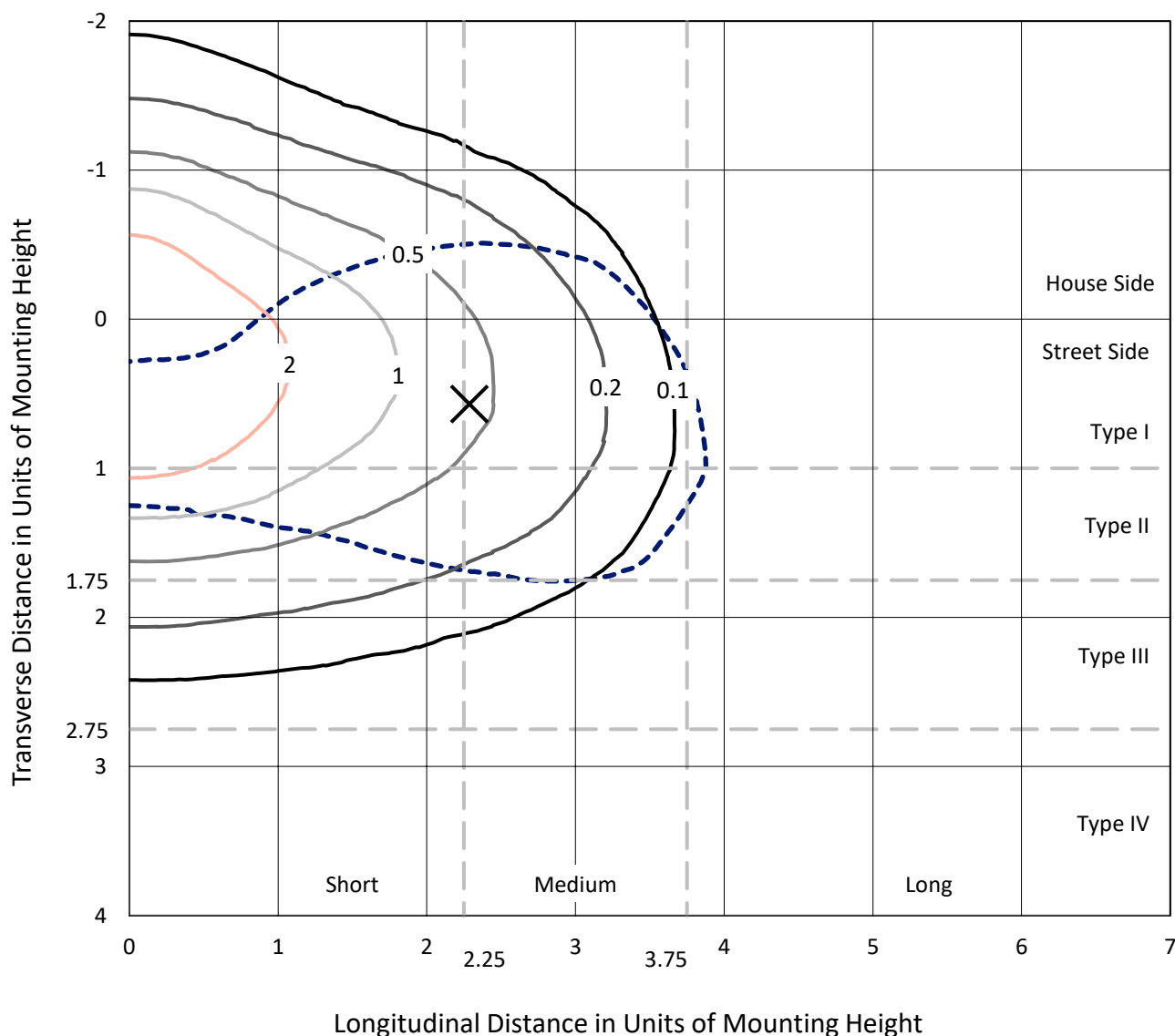
Lumens per Lamp: N/A
Luminaire Lumens: 4555.6 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
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

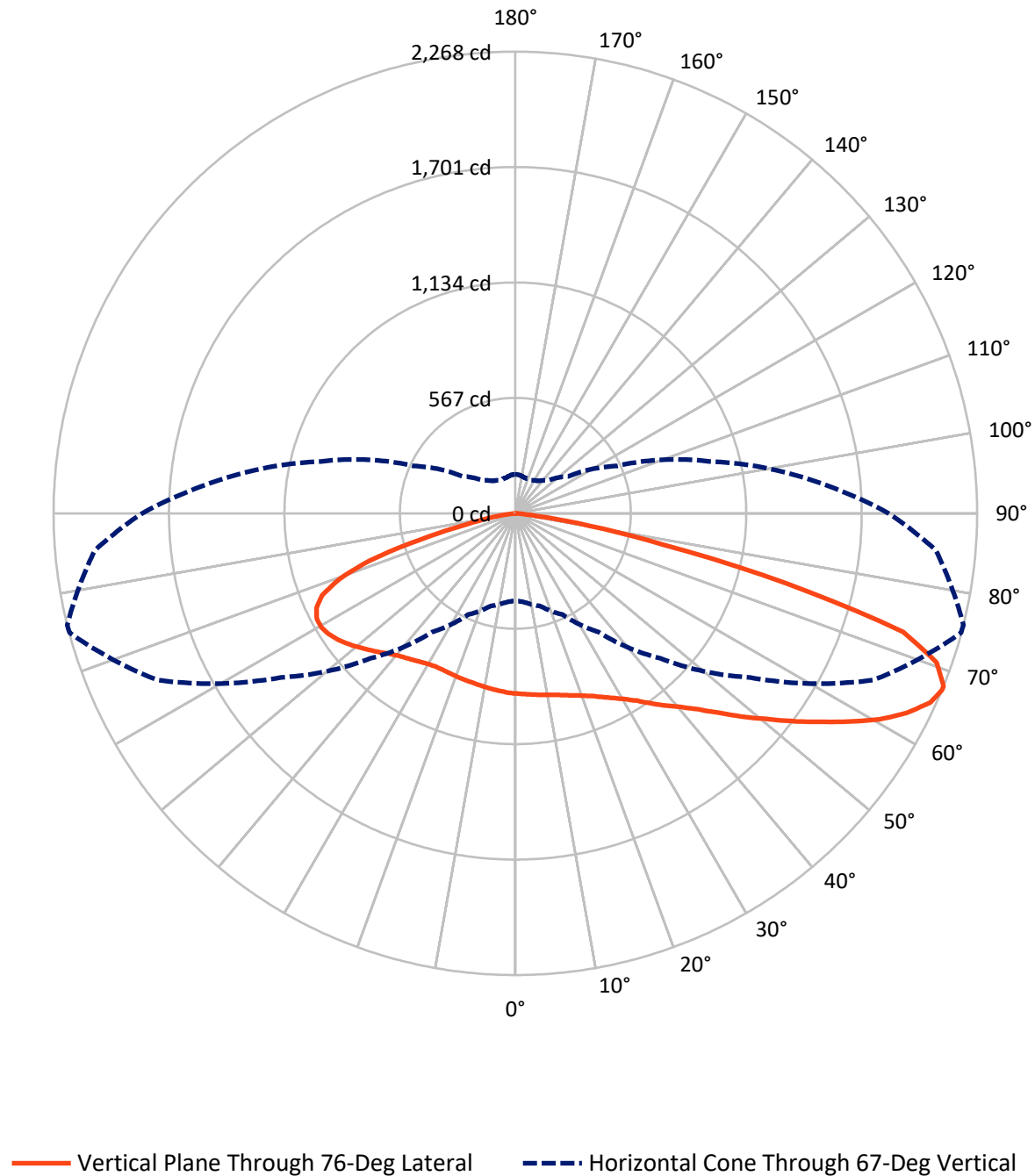
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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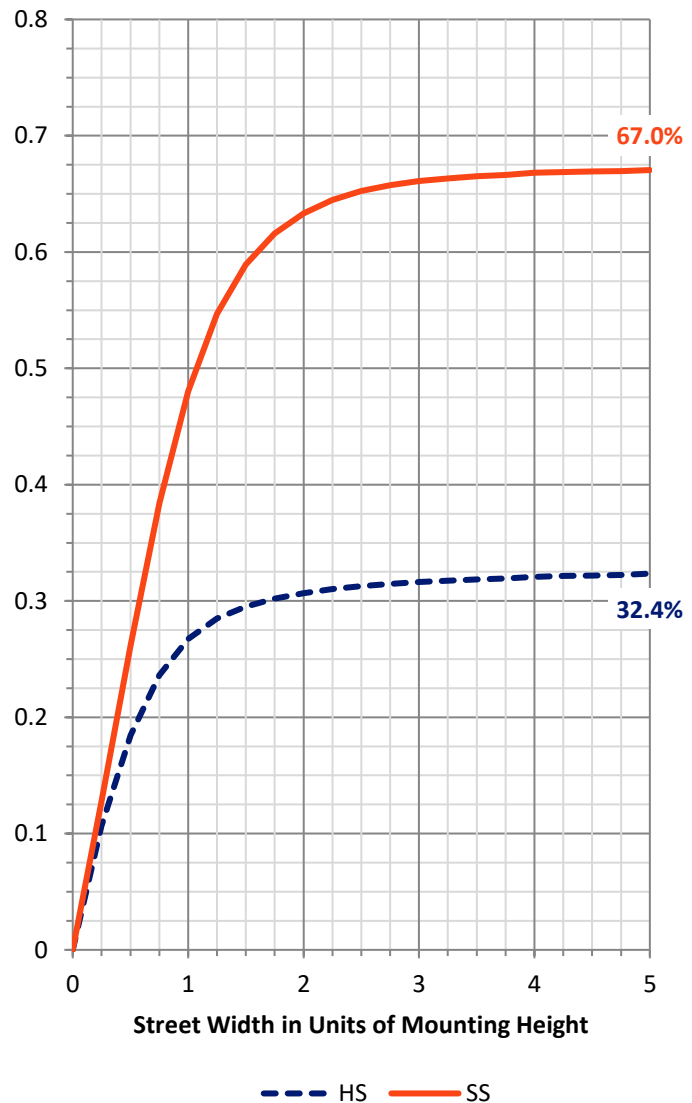
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1503.0	0.0	1503.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	3052.6	0.0	3052.6
	% Fixture	67.0	0.0	67.0
Total	Lumens	4555.6	0.0	4555.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	1.9
10°-20°	260.4	5.7
20°-30°	448.0	9.8
30°-40°	643.8	14.1
40°-50°	816.5	17.9
50°-60°	896.5	19.7
60°-70°	869.5	19.1
70°-80°	480.1	10.5
80°-90°	55.7	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°	4555.6	100.0
0°-180°	4555.6	100.0

Coefficient of Utilization



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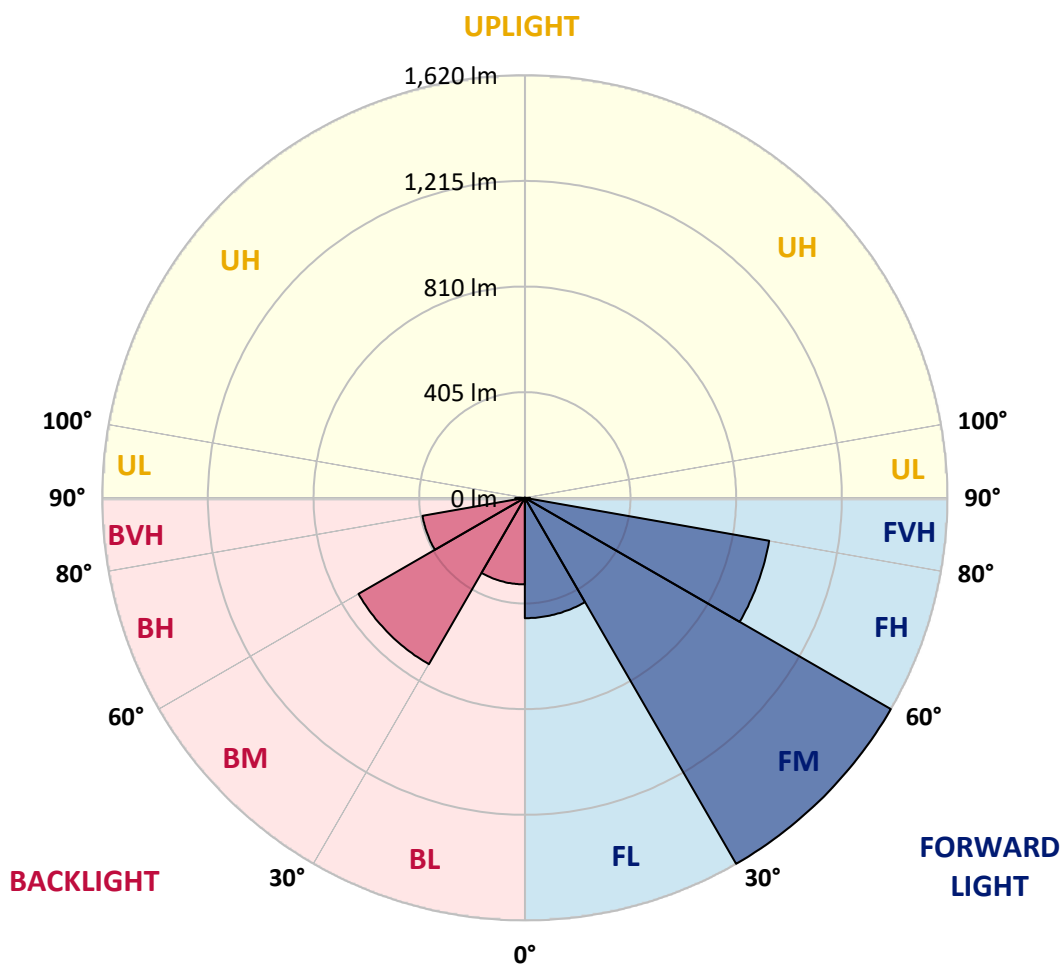
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	461.5	10.1			
FM	(30°-60°)	1620.3	35.6			
FH	(60°-80°)	951.2	20.9			G1/1800
FVH	(80°-90°)	19.7	0.4			G1/100
BL	(0°-30°)	332.1	7.3	B1/500		
BM	(30°-60°)	736.5	16.2	B1/1000		
BH	(60°-80°)	398.4	8.7	B1/500		G1/500
BVH	(80°-90°)	36.0	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°	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6
2.5°	912.0	911.1	910.2	910.2	906.7	903.2	899.7	897.0	890.0	889.1	885.6
5°	939.3	939.3	936.7	935.8	930.5	921.7	913.7	905.8	896.1	894.4	886.4
7.5°	974.5	974.5	970.1	966.6	958.7	944.6	930.5	916.4	902.3	900.5	888.2
10°	1019.5	1019.5	1016.0	1008.0	991.3	972.8	949.9	927.8	909.3	907.6	890.0
12.5°	1066.2	1067.1	1061.8	1050.3	1030.1	1001.9	973.7	941.9	918.2	915.5	893.5
15°	1113.8	1114.7	1111.1	1098.8	1071.5	1037.1	999.2	961.3	929.6	927.0	898.8
17.5°	1160.5	1162.2	1158.7	1144.6	1112.9	1075.9	1029.2	981.6	943.7	940.2	907.6
20°	1204.5	1204.5	1204.5	1188.7	1157.8	1115.5	1061.8	1006.3	959.6	956.0	918.2
22.5°	1244.2	1245.9	1248.6	1239.8	1204.5	1157.8	1099.7	1033.6	979.8	975.4	931.4
25°	1283.8	1284.7	1291.8	1285.6	1251.2	1202.8	1140.2	1067.9	1004.5	1000.1	947.2
27.5°	1329.7	1332.3	1336.7	1334.1	1295.3	1247.7	1185.1	1105.8	1031.8	1027.4	966.6
30°	1383.4	1383.4	1386.0	1381.6	1342.9	1295.3	1230.1	1145.5	1066.2	1059.1	990.4
32.5°	1427.5	1431.9	1430.1	1428.3	1387.8	1340.2	1275.9	1189.5	1105.8	1097.0	1023.0
35°	1468.9	1469.8	1468.9	1470.6	1430.1	1385.2	1324.4	1240.7	1149.9	1146.4	1064.4
37.5°	1492.7	1494.4	1498.8	1504.1	1468.0	1425.7	1372.8	1297.0	1204.5	1198.4	1113.8
40°	1504.1	1506.8	1530.6	1538.5	1499.7	1464.5	1423.9	1348.2	1257.4	1250.3	1163.1
42.5°	1521.7	1542.9	1555.2	1557.0	1523.5	1492.7	1468.0	1406.3	1322.6	1316.4	1229.2
45°	1463.6	1455.7	1488.3	1526.1	1524.4	1511.2	1510.3	1471.5	1402.8	1396.6	1304.1
47.5°	1390.4	1384.3	1401.9	1457.4	1497.1	1519.1	1551.7	1548.2	1499.7	1490.9	1391.3
50°	1216.0	1226.6	1312.9	1388.7	1457.4	1521.7	1586.9	1628.4	1594.0	1586.9	1483.9
52.5°	1053.0	1060.0	1119.1	1299.7	1406.3	1513.8	1617.8	1712.9	1704.1	1696.2	1585.2
55°	938.4	945.5	1039.8	1155.2	1330.5	1473.3	1638.1	1793.1	1816.0	1808.1	1692.7
57.5°	818.6	830.0	894.4	995.7	1229.2	1406.3	1645.1	1874.2	1937.6	1930.6	1795.8
60°	703.2	719.0	756.9	867.0	1104.1	1327.0	1626.6	1939.4	2054.8	2054.8	1902.4
62.5°	596.5	605.3	645.0	744.6	945.5	1225.7	1579.9	1980.8	2162.3	2157.9	1995.8
65°	508.4	512.8	544.5	630.0	812.4	1113.8	1498.8	1978.2	2239.0	2239.9	2057.5
67°	429.1	436.2	471.4	549.0	711.1	1008.0	1405.4	1938.5	2266.3	2268.1	2072.5
67.5°	401.8	409.7	448.5	528.7	689.9	979.0	1383.4	1921.8	2264.5	2268.1	2068.1
70°	276.7	278.4	343.6	435.3	567.5	824.8	1231.0	1805.5	2197.6	2194.9	1972.0
72.5°	176.2	173.6	236.1	318.1	456.4	667.9	1038.9	1601.9	1994.0	1991.4	1738.5
75°	117.2	119.8	159.5	227.3	320.7	516.4	809.8	1208.9	1385.2	1374.6	1147.3
77.5°	83.7	81.9	98.7	163.9	215.0	313.7	439.7	643.2	735.8	735.8	630.0
80°	45.8	46.7	53.7	90.8	121.6	122.5	164.8	322.5	359.5	367.4	305.8
82.5°	13.2	14.1	19.4	30.8	33.5	37.0	57.3	92.5	96.9	102.2	82.8
85°	0.0	0.0	0.0	0.9	3.5	4.4	4.4	5.3	8.8	8.8	9.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8	3.5	3.5	4.4
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°	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6	885.6
2.5°	884.7	885.6	882.0	877.6	874.1	872.3	867.0	862.6	865.3	867.9	867.9
5°	883.8	882.9	875.9	867.9	862.6	859.1	850.3	844.1	845.0	847.7	846.8
7.5°	883.8	880.3	870.6	859.1	850.3	843.3	831.8	824.8	823.9	825.6	823.9
10°	884.7	878.5	865.3	849.4	837.1	826.5	812.4	804.5	801.8	802.7	801.0
12.5°	886.4	876.7	860.0	839.7	823.9	809.8	793.9	784.2	782.5	784.2	784.2
15°	889.1	876.7	855.6	830.9	809.8	793.9	778.1	769.2	769.2	770.1	770.1
17.5°	894.4	879.4	852.1	821.2	795.7	778.1	764.0	757.8	758.7	761.3	761.3
20°	899.7	882.9	848.5	811.5	783.3	763.1	751.6	747.2	750.7	754.3	754.3
22.5°	907.6	887.3	845.0	802.7	769.2	749.0	739.3	735.8	739.3	743.7	741.9
25°	919.9	895.2	842.4	794.8	756.0	734.0	724.3	720.8	722.5	726.1	726.1
27.5°	934.0	904.9	841.5	785.1	740.2	716.4	704.9	699.6	699.6	700.5	701.4
30°	957.8	921.7	845.0	778.1	726.1	697.9	682.9	675.0	674.1	677.6	677.6
32.5°	986.0	944.6	853.8	771.9	712.0	675.8	655.6	649.4	647.6	650.3	647.6
35°	1017.7	970.1	865.3	771.0	697.9	652.0	629.1	622.1	616.8	615.0	613.3
37.5°	1062.7	1005.4	876.7	766.6	683.8	626.5	601.8	586.8	580.7	578.9	578.9
40°	1106.7	1039.8	890.8	759.5	667.0	600.9	565.7	549.0	546.3	546.3	546.3
42.5°	1162.2	1084.7	910.2	755.1	646.8	575.4	526.9	507.5	507.5	507.5	506.7
45°	1231.0	1143.7	934.9	753.4	627.4	544.5	485.5	460.0	459.1	458.2	457.3
47.5°	1311.1	1205.4	958.7	749.0	604.5	507.5	437.9	409.7	403.6	401.8	399.2
50°	1394.0	1272.4	984.2	742.8	577.2	464.4	393.0	360.4	347.2	342.8	344.5
52.5°	1482.1	1337.6	1008.9	734.0	544.5	421.2	347.2	312.8	299.6	294.3	293.4
55°	1568.4	1403.7	1031.8	722.5	509.3	377.1	308.4	274.9	263.5	261.7	261.7
57.5°	1655.7	1467.1	1049.4	705.8	470.5	338.4	274.9	247.6	239.7	243.2	243.2
60°	1735.0	1522.6	1058.3	682.9	431.8	303.1	248.5	228.2	224.7	233.5	232.6
62.5°	1806.4	1559.6	1053.9	649.4	393.9	273.2	228.2	213.2	214.1	224.7	225.6
65°	1840.7	1565.8	1028.3	603.6	351.6	247.6	207.1	193.0	194.7	206.2	208.8
67°	1832.8	1542.0	986.0	551.6	317.2	228.2	193.9	179.8	180.6	190.3	191.2
67.5°	1824.0	1530.6	974.5	535.7	308.4	224.7	190.3	177.1	178.9	187.7	187.7
70°	1706.8	1414.2	868.8	454.7	267.0	200.0	173.6	164.8	166.5	171.8	171.8
72.5°	1491.8	1224.8	703.2	364.8	226.5	177.1	156.8	151.6	151.6	151.6	147.2
75°	951.6	767.5	460.0	279.3	186.8	151.6	141.0	134.8	131.3	136.6	134.8
77.5°	526.0	400.9	239.7	160.4	134.8	126.0	122.5	119.8	119.0	131.3	127.8
80°	249.4	198.3	134.8	91.6	77.5	93.4	105.7	104.0	124.2	170.1	170.9
82.5°	79.3	65.2	54.6	50.2	52.0	67.0	81.9	94.3	161.2	182.4	179.8
85°	9.7	8.8	6.2	20.3	34.4	49.3	63.4	122.5	148.0	123.4	116.3
87.5°	3.5	3.5	3.5	14.1	26.4	37.9	57.3	123.4	90.8	82.8	75.8
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)