

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: P1211850

Luminaire Tested: **GKO-PB2B-830-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211850
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-T3
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

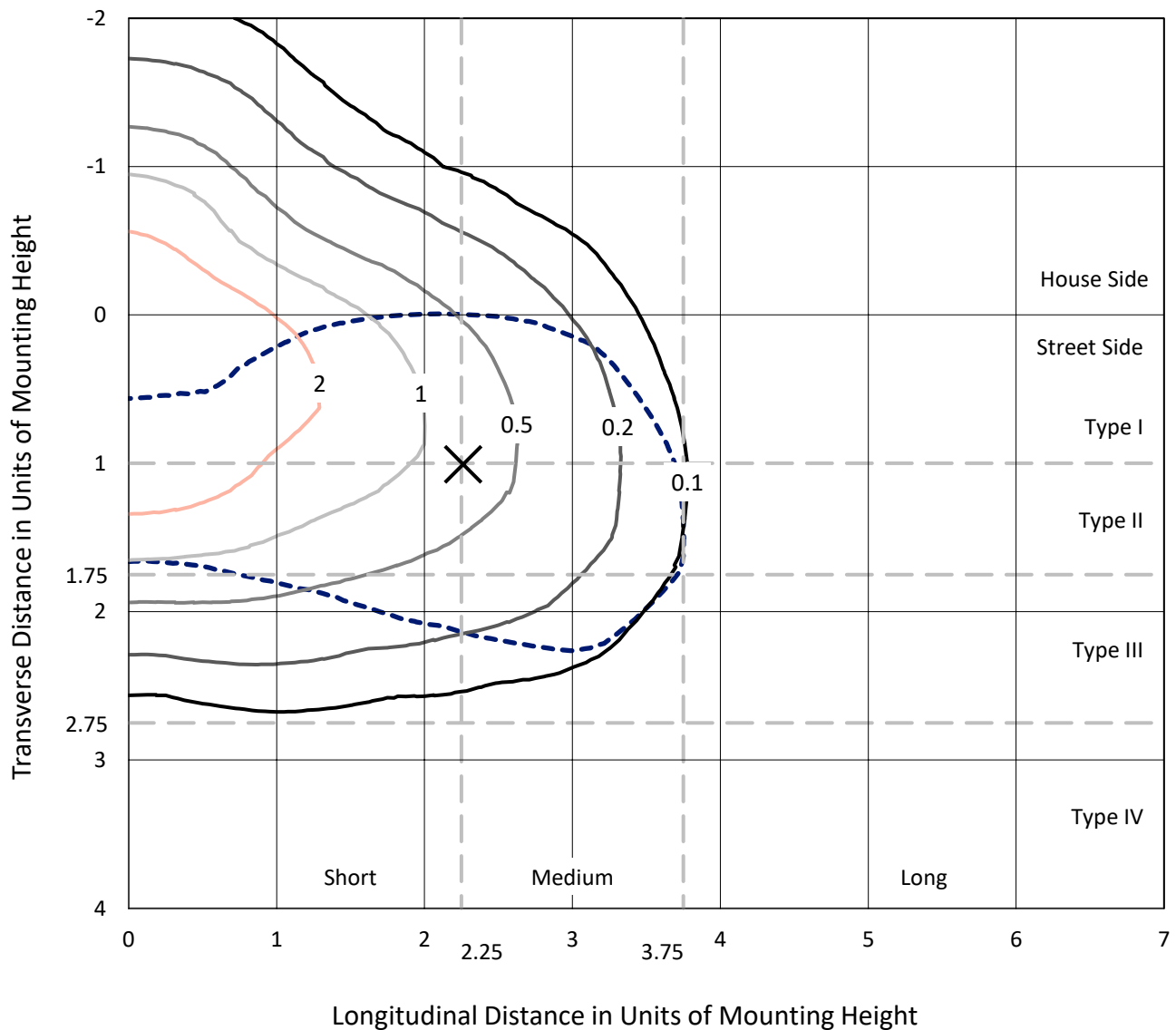
Lumens per Lamp: N/A
Luminaire Lumens: 5589.3 lumens
Efficiency: N/A
Efficacy: 133.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

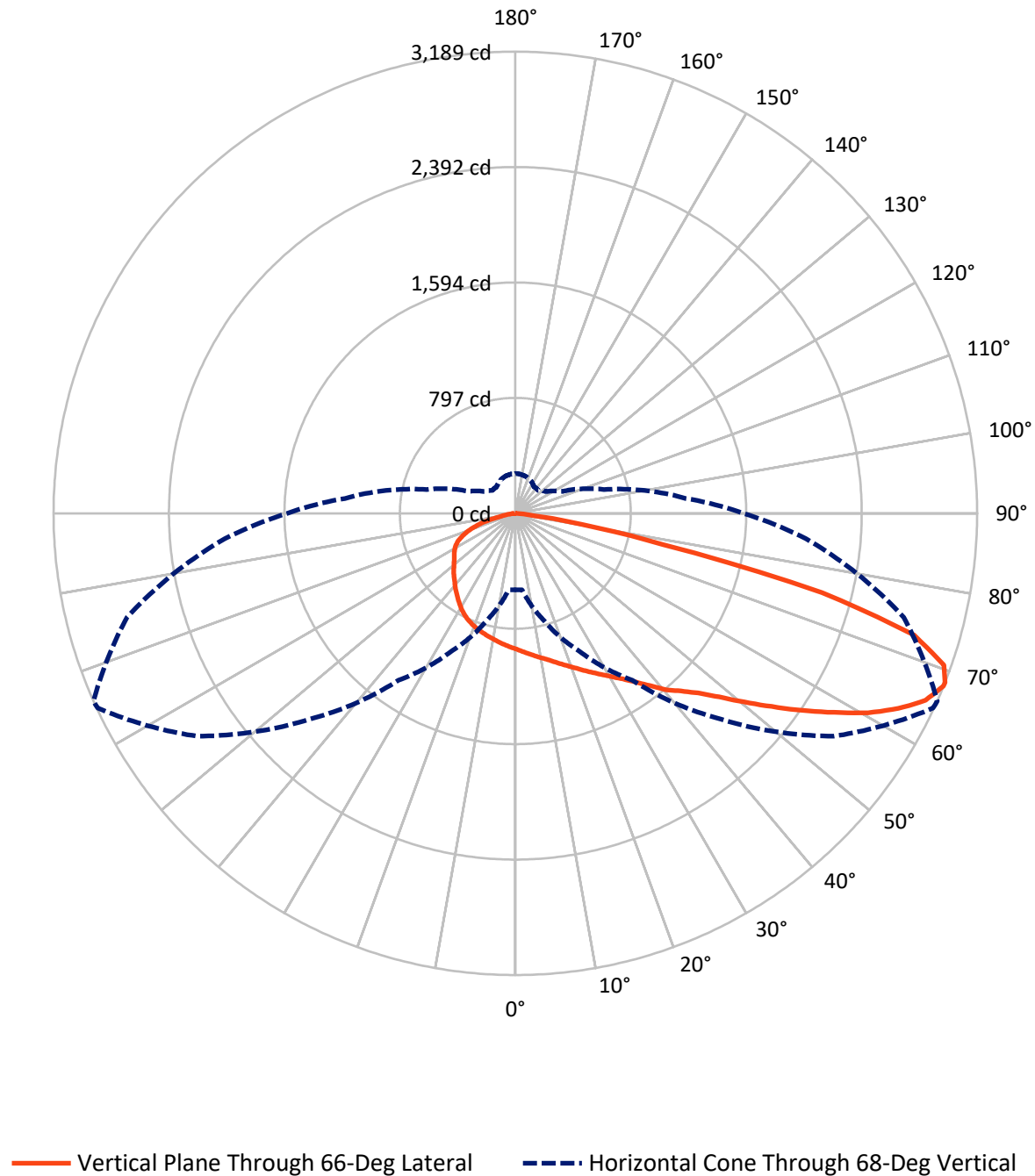
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.8 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	1430.9	0.0	1430.9
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4158.3	0.0	4158.3
	% Fixture	74.4	0.0	74.4
Total	Lumens	5589.3	0.0	5589.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.9	1.6
10°-20°	270.3	4.8
20°-30°	465.8	8.3
30°-40°	722.6	12.9
40°-50°	989.9	17.7
50°-60°	1180.9	21.1
60°-70°	1183.3	21.2
70°-80°	626.2	11.2
80°-90°	60.4	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°	5589.3	100.0
0°-180°	5589.3	100.0



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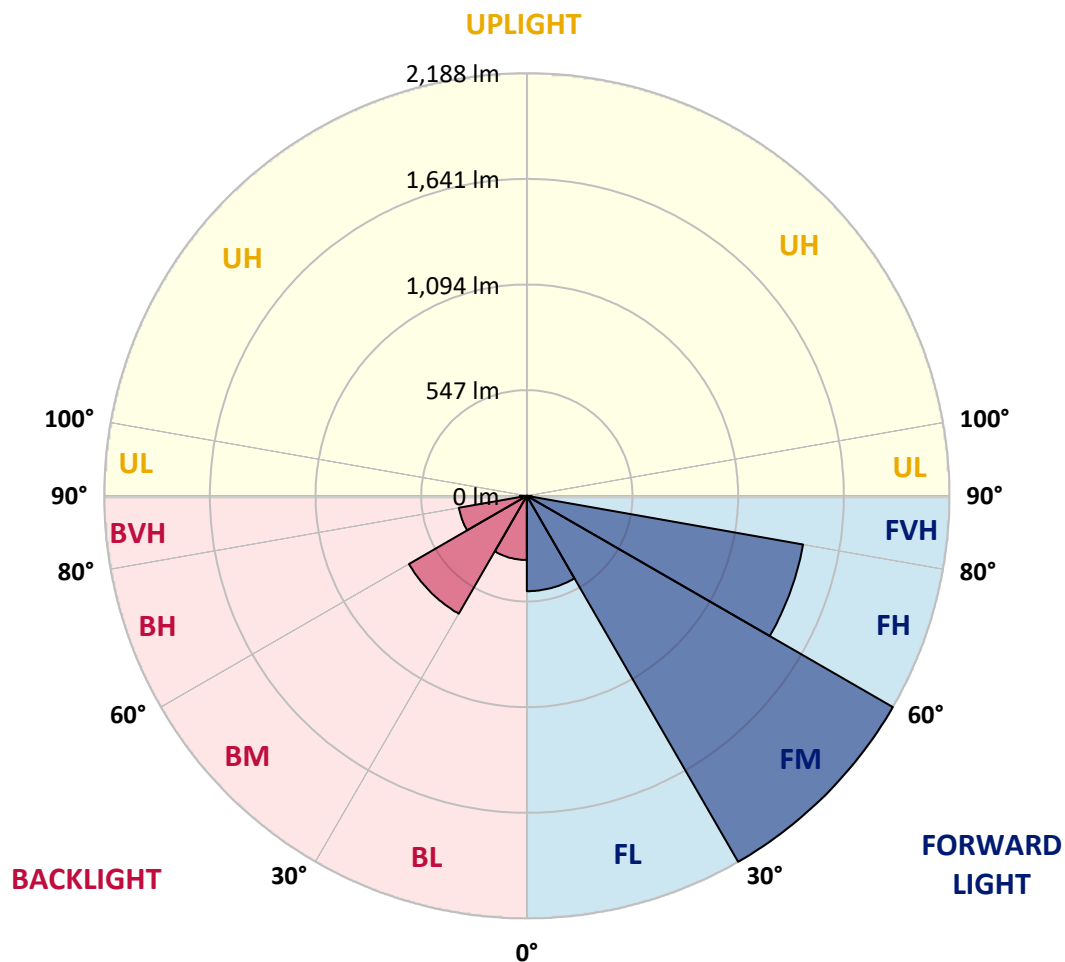
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	493.7	8.8			
FM	(30°-60°)	2188.5	39.2			
FH	(60°-80°)	1452.4	26.0			G1/1800
FVH	(80°-90°)	23.8	0.4			G1/100
BL	(0°-30°)	332.4	5.9	B1/500		
BM	(30°-60°)	704.9	12.6	B1/1000		
BH	(60°-80°)	357.0	6.4	B1/500		G1/500
BVH	(80°-90°)	36.7	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°	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4
2.5°	976.5	976.5	974.3	973.2	972.2	965.7	961.3	955.9	955.9	947.2	939.6
5°	1010.1	1011.2	1006.9	1006.9	1002.5	993.9	985.2	974.3	974.3	961.3	946.1
7.5°	1039.4	1042.7	1038.3	1038.3	1034.0	1024.2	1010.1	994.9	994.9	976.5	954.8
10°	1067.6	1069.8	1067.6	1069.8	1063.3	1054.6	1038.3	1017.7	1016.6	993.9	963.5
12.5°	1090.4	1092.6	1093.7	1096.9	1091.5	1085.0	1069.8	1043.8	1040.5	1013.4	974.3
15°	1112.1	1114.3	1117.6	1121.9	1120.8	1115.4	1101.3	1072.0	1069.8	1035.1	988.4
17.5°	1129.5	1130.6	1137.1	1145.8	1147.9	1149.0	1133.8	1103.4	1101.3	1060.0	1003.6
20°	1154.4	1156.6	1163.1	1171.8	1178.3	1182.7	1170.7	1137.1	1134.9	1089.3	1023.2
22.5°	1210.9	1207.6	1210.9	1210.9	1214.1	1220.6	1211.9	1178.3	1174.0	1124.1	1047.0
25°	1317.2	1313.9	1305.3	1285.7	1264.0	1262.9	1253.2	1220.6	1215.2	1159.9	1069.8
27.5°	1465.8	1458.2	1442.0	1400.7	1348.7	1315.0	1299.8	1266.2	1259.7	1195.7	1091.5
30°	1623.2	1631.8	1604.7	1548.3	1452.8	1381.2	1351.9	1313.9	1308.5	1235.8	1117.6
32.5°	1806.5	1807.6	1780.5	1702.4	1578.7	1464.8	1414.8	1368.2	1363.8	1282.5	1152.3
35°	1912.9	1917.2	1905.3	1832.6	1691.5	1557.0	1490.8	1434.4	1431.1	1341.1	1195.7
37.5°	2023.5	2033.3	2014.8	1934.6	1777.2	1642.7	1575.4	1513.6	1510.3	1408.3	1249.9
40°	2187.4	2183.0	2163.5	2045.2	1857.5	1714.3	1659.0	1610.1	1602.5	1490.8	1305.3
42.5°	2305.6	2316.5	2274.2	2140.7	1945.4	1785.9	1742.5	1687.2	1677.4	1540.7	1337.8
45°	2345.8	2336.0	2289.4	2191.7	2060.4	1851.0	1821.7	1779.4	1769.6	1628.6	1401.8
47.5°	2354.5	2337.1	2295.9	2222.1	2158.1	1935.6	1918.3	1908.5	1894.4	1739.3	1478.9
50°	2301.3	2289.4	2269.8	2232.9	2221.0	2014.8	2023.5	2059.3	2047.4	1858.6	1564.6
52.5°	2180.9	2175.4	2192.8	2216.7	2185.2	2083.2	2148.3	2221.0	2216.7	1989.9	1656.8
55°	1954.1	1954.1	2051.7	2135.3	2153.7	2127.7	2282.8	2407.6	2402.2	2137.5	1744.7
57.5°	1746.9	1750.1	1831.5	2019.2	2097.3	2175.4	2432.6	2602.9	2594.2	2303.5	1836.9
60°	1485.4	1485.4	1609.1	1844.5	2015.9	2212.3	2564.9	2791.7	2797.1	2464.0	1928.0
62.5°	1176.1	1179.4	1350.8	1627.5	1898.8	2218.8	2670.2	2969.6	2968.6	2609.4	1998.6
65°	866.9	868.0	1101.3	1386.6	1723.0	2173.3	2727.7	3106.4	3112.9	2724.4	2039.8
67.5°	563.1	574.0	810.5	1125.1	1474.5	2044.1	2697.3	3179.1	3186.6	2777.6	2026.8
68°	527.3	529.5	767.1	1053.5	1407.2	2011.6	2683.2	3182.3	3188.8	2776.5	2013.8
70°	341.8	341.8	549.0	822.4	1123.0	1808.7	2560.6	3131.3	3138.9	2728.8	1919.4
72.5°	184.5	187.7	313.6	498.0	767.1	1399.7	2311.1	2865.5	2878.5	2467.3	1678.5
75°	129.1	131.3	182.3	278.8	417.7	911.4	1806.5	2189.5	2187.4	1704.5	1051.4
77.5°	93.3	93.3	104.2	173.6	219.2	416.6	894.0	1054.6	1042.7	832.2	530.6
80°	60.8	60.8	65.1	91.1	105.2	126.9	273.4	456.8	465.5	405.8	264.7
82.5°	25.0	26.0	28.2	36.9	38.0	53.2	78.1	131.3	126.9	103.1	74.9
85°	3.3	3.3	4.3	5.4	6.5	11.9	10.9	10.9	10.9	13.0	11.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.2	3.3	3.3	4.3	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°	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4	937.4
2.5°	937.4	937.4	930.9	924.4	917.9	912.5	904.9	899.5	900.6	903.8	902.7
5°	942.9	937.4	924.4	910.3	899.5	889.7	875.6	868.0	866.9	869.1	868.0
7.5°	946.1	937.4	917.9	896.2	878.9	865.8	846.3	838.7	835.5	836.5	836.5
10°	952.6	938.5	911.4	881.0	859.3	840.9	820.3	809.4	806.2	806.2	805.1
12.5°	960.2	940.7	904.9	868.0	839.8	818.1	794.2	782.3	779.0	779.0	777.9
15°	967.8	944.0	898.4	853.9	821.3	795.3	772.5	758.4	754.1	754.1	756.2
17.5°	977.6	947.2	891.9	840.9	801.8	772.5	748.7	734.5	729.1	732.4	734.5
20°	987.4	953.7	885.4	826.8	782.3	751.9	728.0	713.9	708.5	713.9	715.0
22.5°	1001.5	959.1	877.8	810.5	762.8	729.1	707.4	694.4	691.1	696.6	700.9
25°	1015.6	965.7	868.0	793.1	737.8	705.3	687.9	678.1	679.2	686.8	691.1
27.5°	1030.8	971.1	858.2	771.4	710.7	680.3	667.3	665.1	669.4	678.1	683.6
30°	1049.2	978.7	845.2	746.5	680.3	653.2	647.7	654.3	661.9	670.5	676.0
32.5°	1073.1	988.4	832.2	718.3	648.8	623.9	632.6	646.7	655.3	664.0	669.4
35°	1106.7	1008.0	824.6	690.1	615.2	598.9	618.5	641.2	647.7	653.2	659.7
37.5°	1145.8	1034.0	821.3	664.0	584.8	577.2	604.3	631.5	633.6	635.8	642.3
40°	1183.7	1053.5	812.7	635.8	553.4	553.4	587.0	613.0	611.9	608.7	613.0
42.5°	1198.9	1051.4	787.7	608.7	528.4	529.5	559.9	584.8	578.3	578.3	584.8
45°	1242.3	1068.7	769.3	587.0	505.6	501.3	525.1	544.7	555.5	569.6	576.1
47.5°	1297.7	1092.6	755.2	562.0	483.9	469.8	482.8	515.4	533.8	549.0	554.4
50°	1355.2	1119.7	742.1	536.0	462.2	434.0	440.5	476.3	492.6	500.2	503.4
52.5°	1413.8	1144.7	732.4	514.3	437.3	391.7	405.8	439.4	451.4	455.7	457.9
55°	1465.8	1165.3	723.7	495.8	409.0	358.1	368.9	403.6	412.3	416.6	419.9
57.5°	1521.2	1188.1	718.3	478.5	377.6	328.8	336.4	367.8	379.8	384.1	387.3
60°	1570.0	1209.8	713.9	460.0	348.3	302.7	307.1	337.4	350.5	352.6	355.9
62.5°	1602.5	1223.9	707.4	437.3	321.2	277.8	278.8	308.1	322.2	324.4	326.6
65°	1611.2	1220.6	687.9	406.9	294.0	252.8	252.8	281.0	296.2	303.8	307.1
67.5°	1585.2	1193.5	646.7	367.8	268.0	230.0	230.0	255.0	271.3	279.9	283.2
68°	1576.5	1181.6	633.6	358.1	261.5	224.6	224.6	250.6	265.8	273.4	275.6
70°	1502.7	1123.0	574.0	321.2	240.9	208.3	208.3	231.1	247.4	247.4	246.3
72.5°	1305.3	973.2	472.0	269.1	210.5	184.5	187.7	209.4	214.8	220.3	219.2
75°	808.3	582.6	316.8	212.7	176.9	161.7	168.2	187.7	191.0	202.9	199.6
77.5°	404.7	285.4	168.2	123.7	136.7	138.9	150.8	164.9	174.7	187.7	179.0
80°	199.6	138.9	98.7	77.0	80.3	102.0	131.3	142.1	159.5	168.2	160.6
82.5°	55.3	42.3	40.1	42.3	59.7	79.2	103.1	125.9	148.6	156.2	145.4
85°	9.8	7.6	6.5	20.6	41.2	58.6	83.5	111.8	133.5	128.0	120.4
87.5°	3.3	2.2	2.2	13.0	30.4	47.7	71.6	99.8	113.9	103.1	92.2
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)