

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: P1211741

Luminaire Tested: **GKO-PB1F-835-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211741
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-835-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

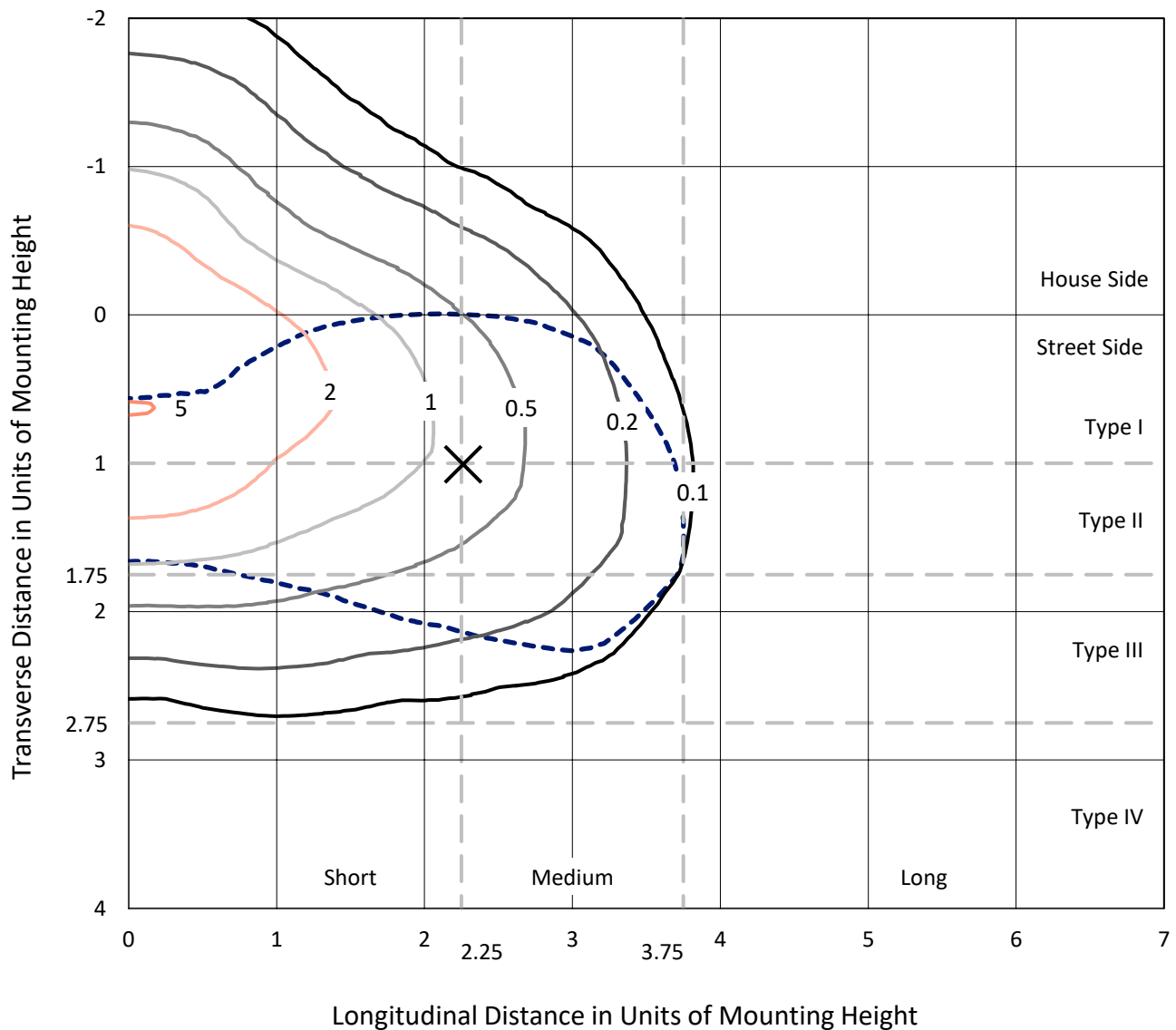
Lumens per Lamp: N/A
Luminaire Lumens: 5952.1 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

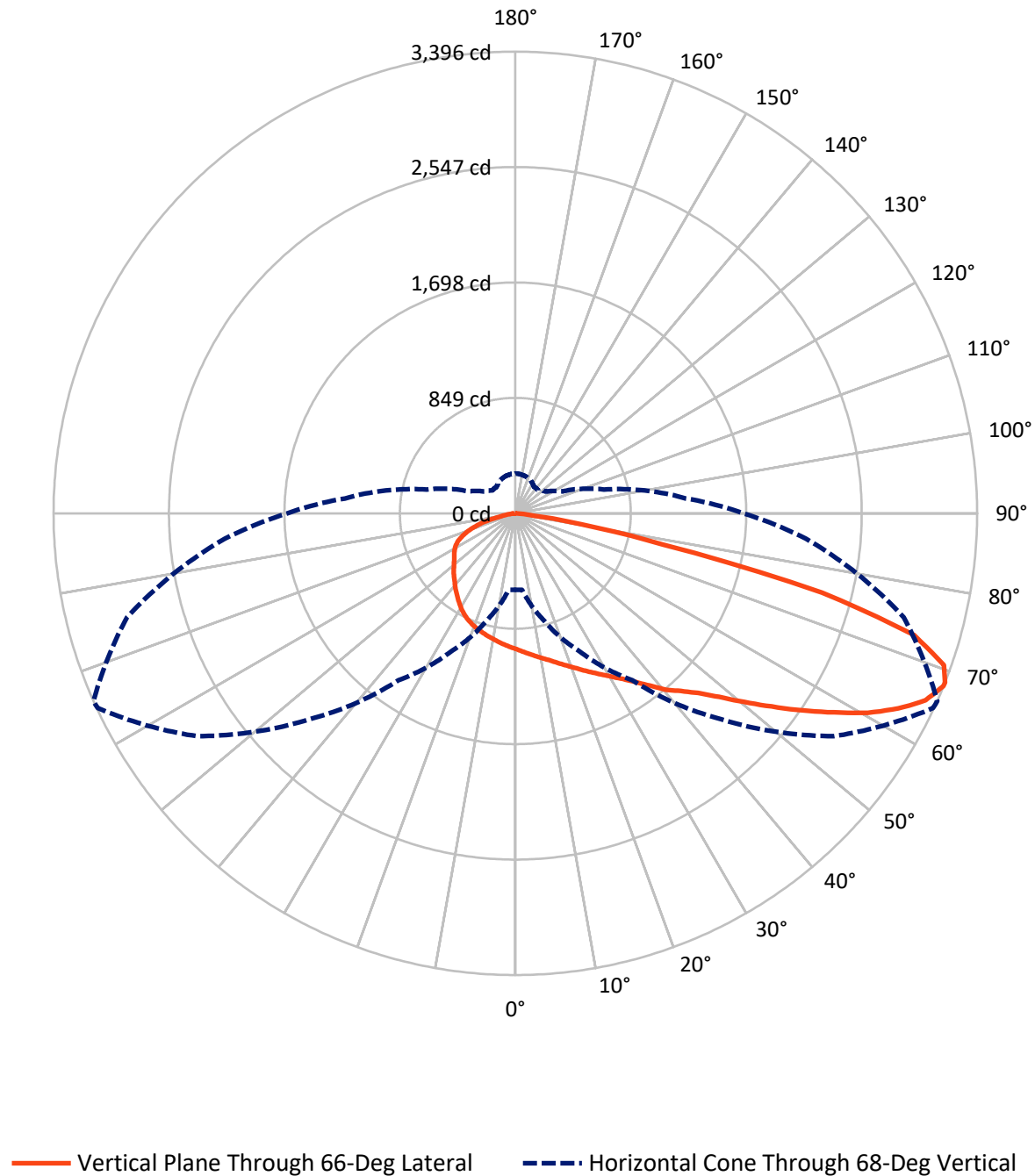
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.1 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	1523.8	0.0	1523.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4428.3	0.0	4428.3
	% Fixture	74.4	0.0	74.4
Total	Lumens	5952.1	0.0	5952.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.8	1.6
10°-20°	287.9	4.8
20°-30°	496.1	8.3
30°-40°	769.5	12.9
40°-50°	1054.2	17.7
50°-60°	1257.5	21.1
60°-70°	1260.1	21.2
70°-80°	666.8	11.2
80°-90°	64.4	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°	5952.1	100.0
0°-180°	5952.1	100.0



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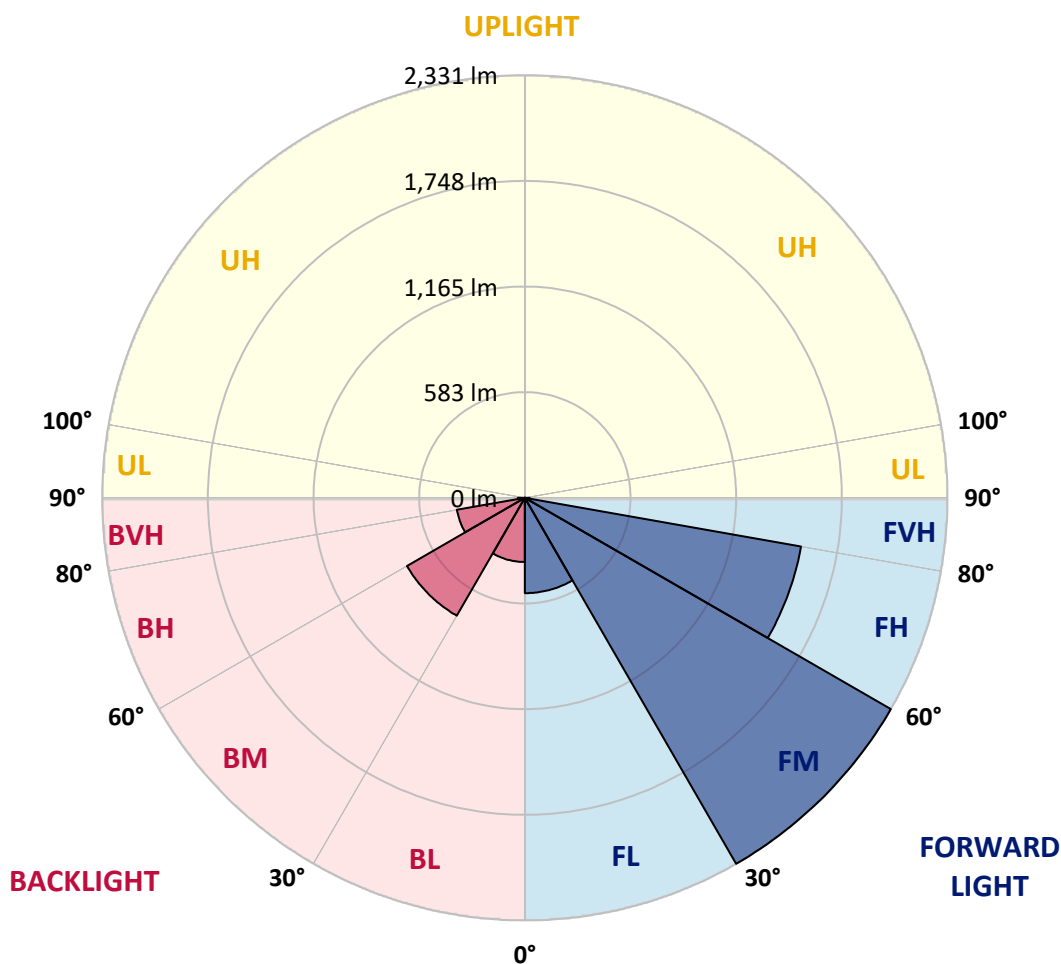
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	525.8	8.8			
FM	(30°-60°)	2330.6	39.2			
FH	(60°-80°)	1546.7	26.0			G1/1800
FVH	(80°-90°)	25.3	0.4			G1/100
BL	(0°-30°)	353.9	5.9	B1/500		
BM	(30°-60°)	750.6	12.6	B1/1000		
BH	(60°-80°)	380.2	6.4	B1/500		G1/500
BVH	(80°-90°)	39.1	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°	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3
2.5°	1039.9	1039.9	1037.6	1036.4	1035.3	1028.3	1023.7	1017.9	1017.9	1008.7	1000.6
5°	1075.7	1076.9	1072.3	1072.3	1067.6	1058.4	1049.1	1037.6	1037.6	1023.7	1007.5
7.5°	1106.9	1110.4	1105.8	1105.8	1101.1	1090.7	1075.7	1059.5	1059.5	1039.9	1016.8
10°	1137.0	1139.3	1137.0	1139.3	1132.3	1123.1	1105.8	1083.8	1082.7	1058.4	1026.0
12.5°	1161.2	1163.5	1164.7	1168.2	1162.4	1155.4	1139.3	1111.5	1108.1	1079.2	1037.6
15°	1184.3	1186.6	1190.1	1194.7	1193.6	1187.8	1172.8	1141.6	1139.3	1102.3	1052.6
17.5°	1202.8	1204.0	1210.9	1220.2	1222.5	1223.6	1207.4	1175.1	1172.8	1128.9	1068.8
20°	1229.4	1231.7	1238.6	1247.9	1254.8	1259.4	1246.7	1210.9	1208.6	1160.1	1089.6
22.5°	1289.5	1286.0	1289.5	1289.5	1292.9	1299.9	1290.6	1254.8	1250.2	1197.0	1115.0
25°	1402.7	1399.2	1390.0	1369.2	1346.1	1344.9	1334.5	1299.9	1294.1	1235.2	1139.3
27.5°	1561.0	1552.9	1535.6	1491.7	1436.2	1400.4	1384.2	1348.4	1341.5	1273.3	1162.4
30°	1728.5	1737.8	1708.9	1648.8	1547.1	1470.9	1439.7	1399.2	1393.5	1316.1	1190.1
32.5°	1923.8	1925.0	1896.1	1812.9	1681.2	1559.9	1506.7	1457.0	1452.0	1365.7	1227.1
35°	2037.1	2041.7	2029.0	1951.5	1801.3	1658.1	1587.6	1527.5	1524.0	1428.1	1273.3
37.5°	2154.9	2165.3	2145.7	2060.2	1892.6	1749.3	1677.7	1611.8	1608.4	1499.8	1331.1
40°	2329.4	2324.8	2304.0	2178.0	1978.1	1825.6	1766.7	1714.7	1706.6	1587.6	1390.0
42.5°	2455.3	2466.9	2421.8	2279.7	2071.7	1901.9	1855.6	1796.7	1786.3	1640.7	1424.7
45°	2498.1	2487.7	2438.0	2334.0	2194.2	1971.2	1940.0	1894.9	1884.5	1734.3	1492.8
47.5°	2507.3	2488.8	2444.9	2366.4	2298.2	2061.3	2042.8	2032.4	2017.4	1852.2	1574.9
50°	2450.7	2438.0	2417.2	2377.9	2365.2	2145.7	2154.9	2193.0	2180.3	1979.3	1666.2
52.5°	2322.4	2316.7	2335.2	2360.6	2327.1	2218.5	2287.8	2365.2	2360.6	2119.1	1764.4
55°	2081.0	2081.0	2184.9	2273.9	2293.6	2265.8	2431.1	2563.9	2558.2	2276.2	1858.0
57.5°	1860.3	1863.7	1950.4	2150.3	2233.5	2316.7	2590.5	2771.9	2762.7	2453.0	1956.2
60°	1581.8	1581.8	1713.5	1964.3	2146.8	2356.0	2731.5	2973.0	2978.7	2624.0	2053.2
62.5°	1252.5	1256.0	1438.5	1733.2	2022.0	2362.9	2843.6	3162.5	3161.3	2778.8	2128.3
65°	923.2	924.4	1172.8	1476.7	1834.8	2314.4	2904.8	3308.0	3315.0	2901.3	2172.2
67.5°	599.7	611.2	863.1	1198.2	1570.3	2176.9	2872.4	3385.5	3393.5	2957.9	2158.4
68°	561.5	563.9	816.9	1121.9	1498.6	2142.2	2857.4	3388.9	3395.9	2956.8	2144.5
70°	364.0	364.0	584.7	875.8	1195.9	1926.1	2726.9	3334.6	3342.7	2905.9	2044.0
72.5°	196.4	199.9	333.9	530.3	816.9	1490.5	2461.1	3051.5	3065.4	2627.5	1787.5
75°	137.5	139.8	194.1	296.9	444.8	970.6	1923.8	2331.7	2329.4	1815.2	1119.6
77.5°	99.4	99.4	110.9	184.9	233.4	443.7	952.1	1123.1	1110.4	886.2	565.0
80°	64.7	64.7	69.3	97.1	112.1	135.2	291.2	486.4	495.7	432.1	281.9
82.5°	26.6	27.7	30.0	39.3	40.4	56.6	83.2	139.8	135.2	109.8	79.7
85°	3.5	3.5	4.6	5.8	6.9	12.7	11.6	11.6	11.6	13.9	12.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.3	3.5	3.5	4.6	3.5
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°	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3	998.3
2.5°	998.3	998.3	991.4	984.4	977.5	971.7	963.6	957.9	959.0	962.5	961.3
5°	1004.1	998.3	984.4	969.4	957.9	947.5	932.4	924.4	923.2	925.5	924.4
7.5°	1007.5	998.3	977.5	954.4	935.9	922.0	901.2	893.2	889.7	890.8	890.8
10°	1014.5	999.5	970.6	938.2	915.1	895.5	873.5	862.0	858.5	858.5	857.3
12.5°	1022.6	1001.8	963.6	924.4	894.3	871.2	845.8	833.1	829.6	829.6	828.5
15°	1030.7	1005.2	956.7	909.3	874.7	846.9	822.7	807.7	803.0	803.0	805.3
17.5°	1041.1	1008.7	949.8	895.5	853.9	822.7	797.3	782.2	776.5	779.9	782.2
20°	1051.5	1015.6	942.8	880.5	833.1	800.7	775.3	760.3	754.5	760.3	761.4
22.5°	1066.5	1021.4	934.8	863.1	812.3	776.5	753.4	739.5	736.0	741.8	746.4
25°	1081.5	1028.3	924.4	844.6	785.7	751.0	732.6	722.2	723.3	731.4	736.0
27.5°	1097.7	1034.1	914.0	821.5	756.8	724.5	710.6	708.3	712.9	722.2	727.9
30°	1117.3	1042.2	900.1	794.9	724.5	695.6	689.8	696.7	704.8	714.1	719.8
32.5°	1142.7	1052.6	886.2	764.9	691.0	664.4	673.6	688.6	697.9	707.1	712.9
35°	1178.6	1073.4	878.1	734.9	655.1	637.8	658.6	682.9	689.8	695.6	702.5
37.5°	1220.2	1101.1	874.7	707.1	622.8	614.7	643.6	672.5	674.8	677.1	684.0
40°	1260.6	1121.9	865.4	677.1	589.3	589.3	625.1	652.8	651.7	648.2	652.8
42.5°	1276.8	1119.6	838.9	648.2	562.7	563.9	596.2	622.8	615.9	615.9	622.8
45°	1323.0	1138.1	819.2	625.1	538.4	533.8	559.2	580.0	591.6	606.6	613.5
47.5°	1381.9	1163.5	804.2	598.5	515.3	500.3	514.2	548.8	568.5	584.7	590.4
50°	1443.2	1192.4	790.3	570.8	492.2	462.2	469.1	507.2	524.6	532.7	536.1
52.5°	1505.5	1219.0	779.9	547.7	465.6	417.1	432.1	468.0	480.7	485.3	487.6
55°	1561.0	1240.9	770.7	528.0	435.6	381.3	392.9	429.8	439.1	443.7	447.2
57.5°	1619.9	1265.2	764.9	509.6	402.1	350.1	358.2	391.7	404.4	409.0	412.5
60°	1671.9	1288.3	760.3	489.9	370.9	322.4	327.0	359.3	373.2	375.5	379.0
62.5°	1706.6	1303.3	753.4	465.6	342.0	295.8	296.9	328.1	343.2	345.5	347.8
65°	1715.8	1299.9	732.6	433.3	313.1	269.2	269.2	299.3	315.4	323.5	327.0
67.5°	1688.1	1271.0	688.6	391.7	285.4	245.0	245.0	271.5	288.9	298.1	301.6
68°	1678.9	1258.3	674.8	381.3	278.5	239.2	239.2	266.9	283.1	291.2	293.5
70°	1600.3	1195.9	611.2	342.0	256.5	221.8	221.8	246.1	263.4	263.4	262.3
72.5°	1390.0	1036.4	502.6	286.6	224.2	196.4	199.9	223.0	228.8	234.6	233.4
75°	860.8	620.5	337.4	226.5	188.3	172.2	179.1	199.9	203.4	216.1	212.6
77.5°	431.0	303.9	179.1	131.7	145.6	147.9	160.6	175.6	186.0	199.9	190.6
80°	212.6	147.9	105.1	82.0	85.5	108.6	139.8	151.4	169.9	179.1	171.0
82.5°	58.9	45.1	42.8	45.1	63.5	84.3	109.8	134.0	158.3	166.4	154.8
85°	10.4	8.1	6.9	22.0	43.9	62.4	89.0	119.0	142.1	136.3	128.3
87.5°	3.5	2.3	2.3	13.9	32.4	50.8	76.3	106.3	121.3	109.8	98.2
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)