

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: P1211738

Luminaire Tested: **GKO-PB1F-735-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211738
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-735-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

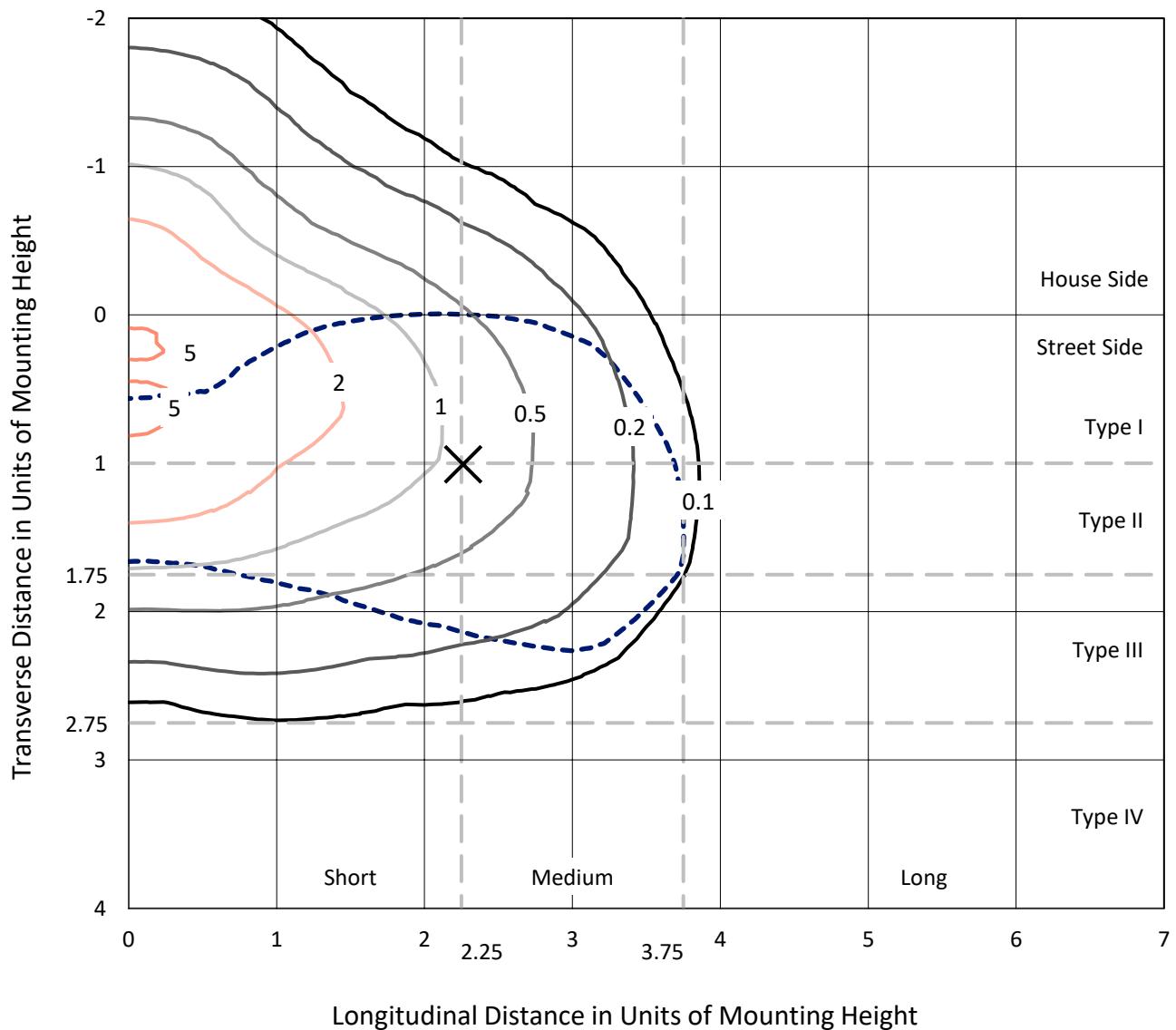
Lumens per Lamp: N/A
Luminaire Lumens: 6365.4 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

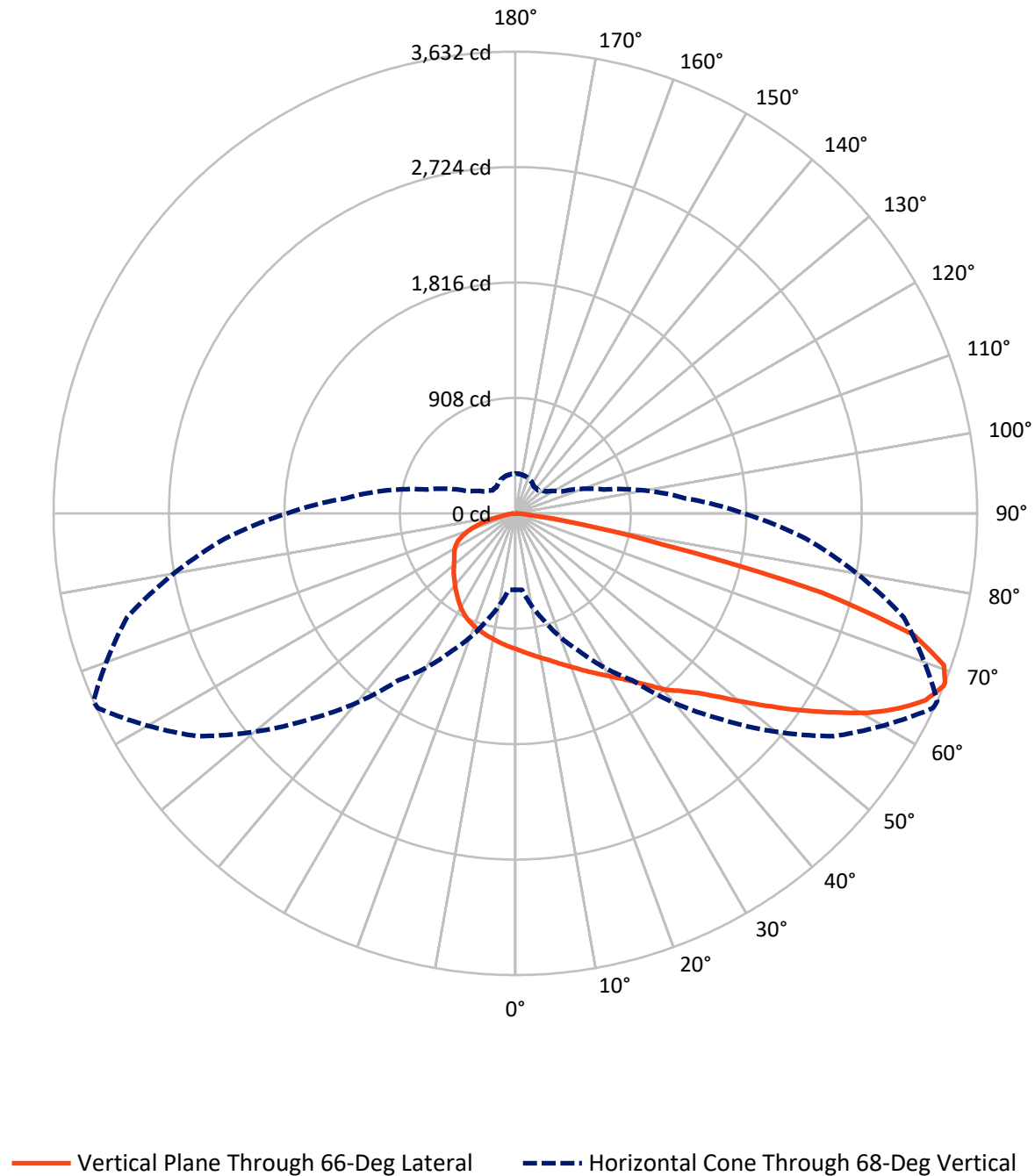
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.5 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	1629.6	0.0	1629.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4735.8	0.0	4735.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	6365.4	0.0	6365.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.4	1.6
10°-20°	307.8	4.8
20°-30°	530.5	8.3
30°-40°	822.9	12.9
40°-50°	1127.4	17.7
50°-60°	1344.8	21.1
60°-70°	1347.6	21.2
70°-80°	713.1	11.2
80°-90°	68.8	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°	6365.4	100.0
0°-180°	6365.4	100.0



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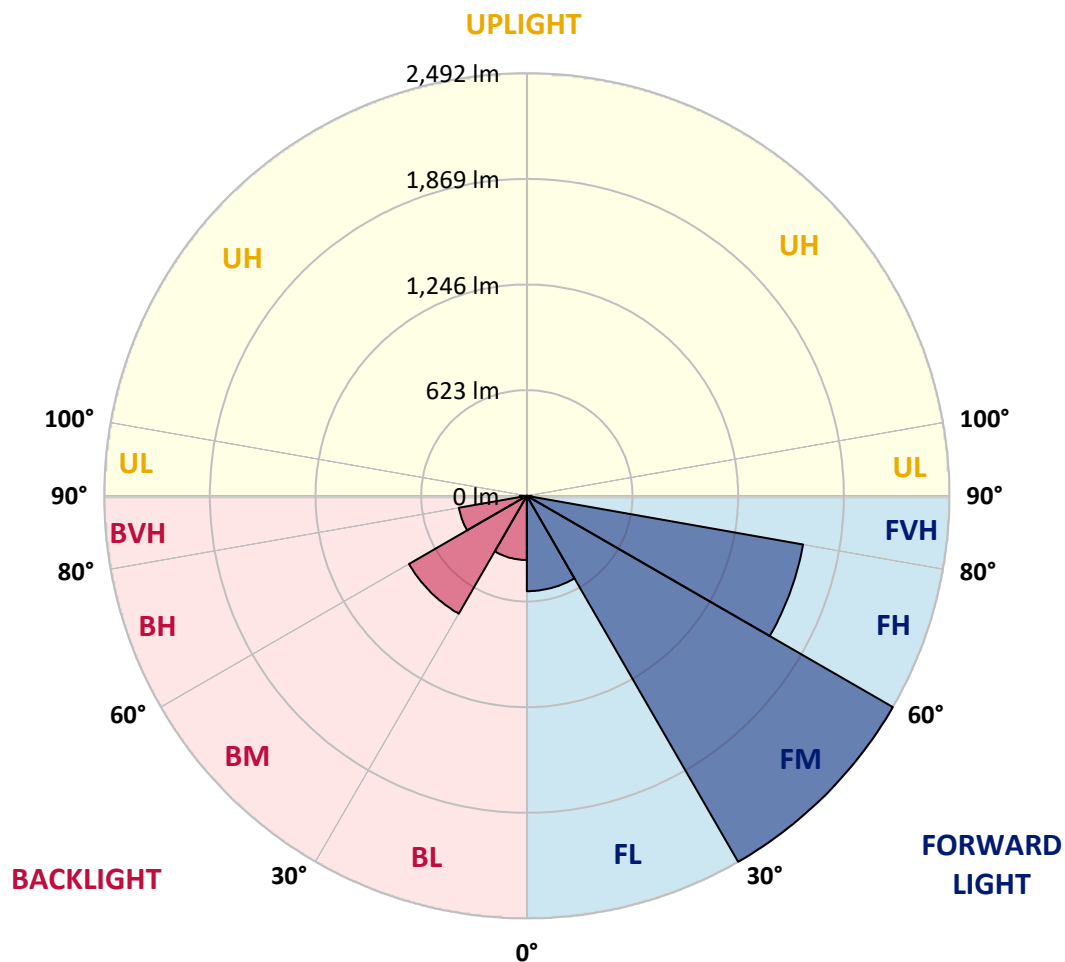
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	562.3	8.8			
FM	(30°-60°)	2492.4	39.2			
FH	(60°-80°)	1654.1	26.0			G1/1800
FVH	(80°-90°)	27.0	0.4			G1/100
BL	(0°-30°)	378.5	5.9	B1/500		
BM	(30°-60°)	802.8	12.6	B1/1000		
BH	(60°-80°)	406.6	6.4	B1/500		G1/500
BVH	(80°-90°)	41.8	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°	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6
2.5°	1112.1	1112.1	1109.6	1108.4	1107.2	1099.7	1094.8	1088.6	1088.6	1078.7	1070.1
5°	1150.4	1151.6	1146.7	1146.7	1141.8	1131.9	1122.0	1109.6	1109.6	1094.8	1077.5
7.5°	1183.8	1187.5	1182.5	1182.5	1177.6	1166.5	1150.4	1133.1	1133.1	1112.1	1087.4
10°	1215.9	1218.4	1215.9	1218.4	1211.0	1201.1	1182.5	1159.1	1157.8	1131.9	1097.3
12.5°	1241.8	1244.3	1245.6	1249.3	1243.1	1235.7	1218.4	1188.7	1185.0	1154.1	1109.6
15°	1266.6	1269.0	1272.7	1277.7	1276.4	1270.3	1254.2	1220.8	1218.4	1178.8	1125.7
17.5°	1286.3	1287.6	1295.0	1304.9	1307.3	1308.6	1291.3	1256.7	1254.2	1207.2	1143.0
20°	1314.8	1317.2	1324.6	1334.5	1341.9	1346.9	1333.3	1295.0	1292.5	1240.6	1165.2
22.5°	1379.0	1375.3	1379.0	1379.0	1382.7	1390.1	1380.2	1341.9	1337.0	1280.2	1192.4
25°	1500.1	1496.4	1486.5	1464.3	1439.6	1438.3	1427.2	1390.1	1383.9	1320.9	1218.4
27.5°	1669.4	1660.7	1642.2	1595.2	1535.9	1497.6	1480.3	1442.0	1434.6	1361.7	1243.1
30°	1848.6	1858.4	1827.6	1763.3	1654.6	1573.0	1539.6	1496.4	1490.2	1407.4	1272.7
32.5°	2057.4	2058.6	2027.7	1938.8	1797.9	1668.2	1611.3	1558.2	1553.2	1460.6	1312.3
35°	2178.5	2183.4	2169.8	2087.0	1926.4	1773.2	1697.8	1633.6	1629.8	1527.3	1361.7
37.5°	2304.5	2315.6	2294.6	2203.2	2024.0	1870.8	1794.2	1723.8	1720.1	1603.9	1423.5
40°	2491.1	2486.2	2463.9	2329.2	2115.5	1952.4	1889.3	1833.7	1825.1	1697.8	1486.5
42.5°	2625.8	2638.2	2590.0	2438.0	2215.6	2033.9	1984.5	1921.5	1910.3	1754.7	1523.6
45°	2671.5	2660.4	2607.3	2496.1	2346.5	2108.1	2074.7	2026.5	2015.4	1854.7	1596.5
47.5°	2681.4	2661.6	2614.7	2530.7	2457.7	2204.4	2184.7	2173.5	2157.5	1980.8	1684.2
50°	2620.9	2607.3	2585.0	2543.0	2529.4	2294.6	2304.5	2345.3	2331.7	2116.7	1781.8
52.5°	2483.7	2477.5	2497.3	2524.5	2488.6	2372.5	2446.6	2529.4	2524.5	2266.2	1886.9
55°	2225.4	2225.4	2336.7	2431.8	2452.8	2423.1	2599.8	2742.0	2735.8	2434.3	1987.0
57.5°	1989.4	1993.1	2085.8	2299.6	2388.5	2477.5	2770.4	2964.4	2954.5	2623.3	2092.0
60°	1691.6	1691.6	1832.5	2100.6	2295.9	2519.5	2921.1	3179.4	3185.6	2806.2	2195.8
62.5°	1339.5	1343.2	1538.4	1853.5	2162.4	2526.9	3041.0	3382.0	3380.8	2971.8	2276.1
65°	987.3	988.5	1254.2	1579.2	1962.2	2475.0	3106.5	3537.7	3545.1	3102.8	2323.1
67.5°	641.3	653.7	923.0	1281.4	1679.3	2328.0	3071.9	3620.5	3629.2	3163.3	2308.2
68°	600.5	603.0	873.6	1199.8	1602.7	2290.9	3055.8	3624.2	3631.6	3162.1	2293.4
70°	389.2	389.2	625.2	936.6	1278.9	2059.9	2916.2	3566.1	3574.8	3107.7	2185.9
72.5°	210.1	213.8	357.1	567.2	873.6	1594.0	2632.0	3263.4	3278.2	2809.9	1911.6
75°	147.0	149.5	207.6	317.6	475.7	1038.0	2057.4	2493.6	2491.1	1941.2	1197.4
77.5°	106.3	106.3	118.6	197.7	249.6	474.5	1018.2	1201.1	1187.5	947.8	604.2
80°	69.2	69.2	74.1	103.8	119.9	144.6	311.4	520.2	530.1	462.1	301.5
82.5°	28.4	29.7	32.1	42.0	43.2	60.5	89.0	149.5	144.6	117.4	85.3
85°	3.7	3.7	4.9	6.2	7.4	13.6	12.4	12.4	12.4	14.8	13.6
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.5	3.7	3.7	4.9	3.7
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°	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6	1067.6
2.5°	1067.6	1067.6	1060.2	1052.8	1045.4	1039.2	1030.5	1024.4	1025.6	1029.3	1028.1
5°	1073.8	1067.6	1052.8	1036.7	1024.4	1013.2	997.2	988.5	987.3	989.8	988.5
7.5°	1077.5	1067.6	1045.4	1020.7	1000.9	986.1	963.8	955.2	951.5	952.7	952.7
10°	1084.9	1068.9	1038.0	1003.4	978.7	957.6	934.2	921.8	918.1	918.1	916.9
12.5°	1093.6	1071.3	1030.5	988.5	956.4	931.7	904.5	890.9	887.2	887.2	886.0
15°	1102.2	1075.0	1023.1	972.5	935.4	905.7	879.8	863.7	858.8	858.8	861.3
17.5°	1113.3	1078.7	1015.7	957.6	913.2	879.8	852.6	836.5	830.4	834.1	836.5
20°	1124.5	1086.2	1008.3	941.6	890.9	856.3	829.1	813.1	806.9	813.1	814.3
22.5°	1140.5	1092.3	999.7	923.0	868.7	830.4	805.7	790.8	787.1	793.3	798.2
25°	1156.6	1099.7	988.5	903.3	840.3	803.2	783.4	772.3	773.5	782.2	787.1
27.5°	1173.9	1105.9	977.4	878.6	809.4	774.8	759.9	757.5	762.4	772.3	778.5
30°	1194.9	1114.6	962.6	850.1	774.8	743.9	737.7	745.1	753.8	763.6	769.8
32.5°	1222.1	1125.7	947.8	818.0	738.9	710.5	720.4	736.5	746.3	756.2	762.4
35°	1260.4	1147.9	939.1	785.9	700.6	682.1	704.3	730.3	737.7	743.9	751.3
37.5°	1304.9	1177.6	935.4	756.2	666.0	657.4	688.3	719.2	721.6	724.1	731.5
40°	1348.1	1199.8	925.5	724.1	630.2	630.2	668.5	698.2	696.9	693.2	698.2
42.5°	1365.4	1197.4	897.1	693.2	601.8	603.0	637.6	666.0	658.6	658.6	666.0
45°	1414.8	1217.1	876.1	668.5	575.8	570.9	598.1	620.3	632.7	648.7	656.1
47.5°	1477.9	1244.3	860.0	640.1	551.1	535.0	549.9	586.9	607.9	625.2	631.4
50°	1543.4	1275.2	845.2	610.4	526.4	494.3	501.7	542.5	561.0	569.6	573.4
52.5°	1610.1	1303.6	834.1	585.7	498.0	446.1	462.1	500.4	514.0	519.0	521.5
55°	1669.4	1327.1	824.2	564.7	465.8	407.8	420.1	459.7	469.6	474.5	478.2
57.5°	1732.4	1353.1	818.0	544.9	430.0	374.4	383.1	418.9	432.5	437.4	441.1
60°	1788.0	1377.8	813.1	523.9	396.6	344.8	349.7	384.3	399.1	401.6	405.3
62.5°	1825.1	1393.8	805.7	498.0	365.8	316.3	317.6	350.9	367.0	369.5	371.9
65°	1835.0	1390.1	783.4	463.4	334.9	287.9	287.9	320.0	337.3	346.0	349.7
67.5°	1805.3	1359.2	736.5	418.9	305.2	262.0	262.0	290.4	308.9	318.8	322.5
68°	1795.4	1345.6	721.6	407.8	297.8	255.8	255.8	285.4	302.7	311.4	313.9
70°	1711.4	1278.9	653.7	365.8	274.3	237.2	237.2	263.2	281.7	281.7	280.5
72.5°	1486.5	1108.4	537.5	306.4	239.7	210.1	213.8	238.5	244.7	250.8	249.6
75°	920.6	663.6	360.8	242.2	201.4	184.1	191.5	213.8	217.5	231.1	227.4
77.5°	460.9	325.0	191.5	140.9	155.7	158.2	171.8	187.8	198.9	213.8	203.9
80°	227.4	158.2	112.4	87.7	91.4	116.2	149.5	161.9	181.6	191.5	182.9
82.5°	63.0	48.2	45.7	48.2	68.0	90.2	117.4	143.3	169.3	177.9	165.6
85°	11.1	8.6	7.4	23.5	47.0	66.7	95.1	127.3	152.0	145.8	137.2
87.5°	3.7	2.5	2.5	14.8	34.6	54.4	81.6	113.7	129.7	117.4	105.0
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)