

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: P1211753

Luminaire Tested: **GKO-PB1F-835-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211753
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-T2U
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

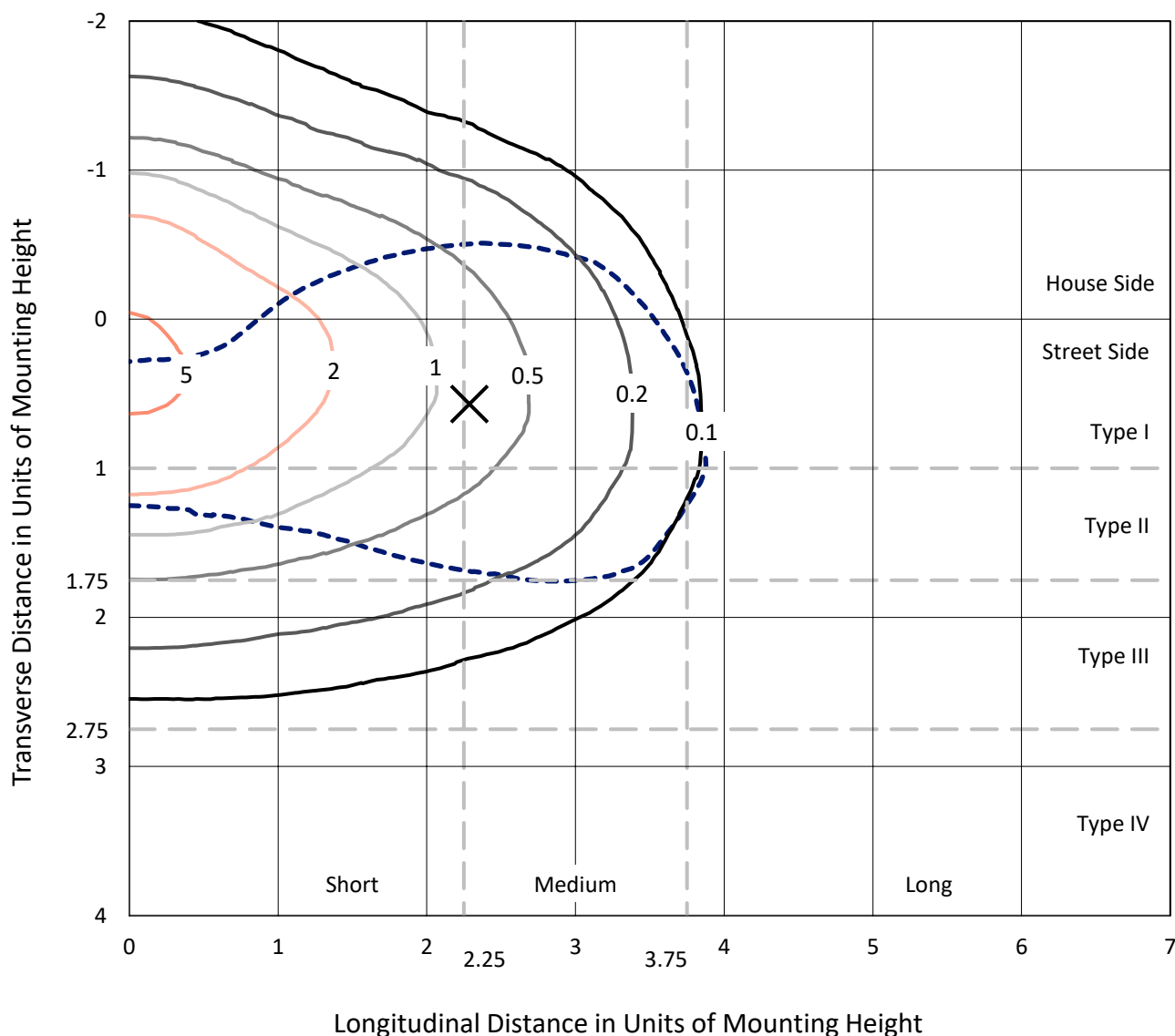
Lumens per Lamp: N/A
Luminaire Lumens: 5974.9 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

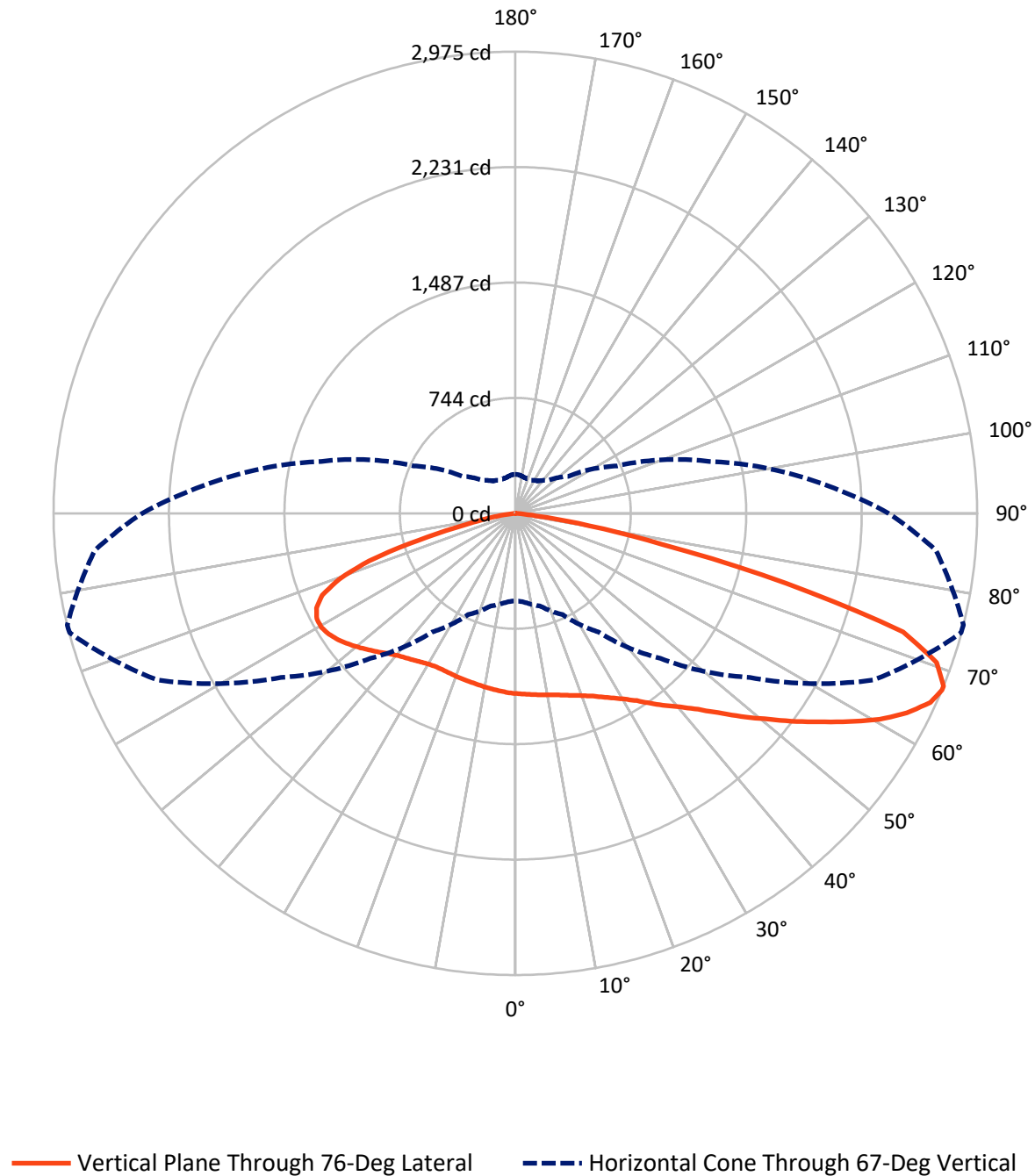
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.8 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	1971.2	0.0	1971.2
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	4003.6	0.0	4003.6
	% Fixture	67.0	0.0	67.0
Total	Lumens	5974.9	0.0	5974.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.6	1.9
10°-20°	341.6	5.7
20°-30°	587.6	9.8
30°-40°	844.4	14.1
40°-50°	1070.8	17.9
50°-60°	1175.9	19.7
60°-70°	1140.4	19.1
70°-80°	629.6	10.5
80°-90°	73.0	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°	5974.9	100.0
0°-180°	5974.9	100.0



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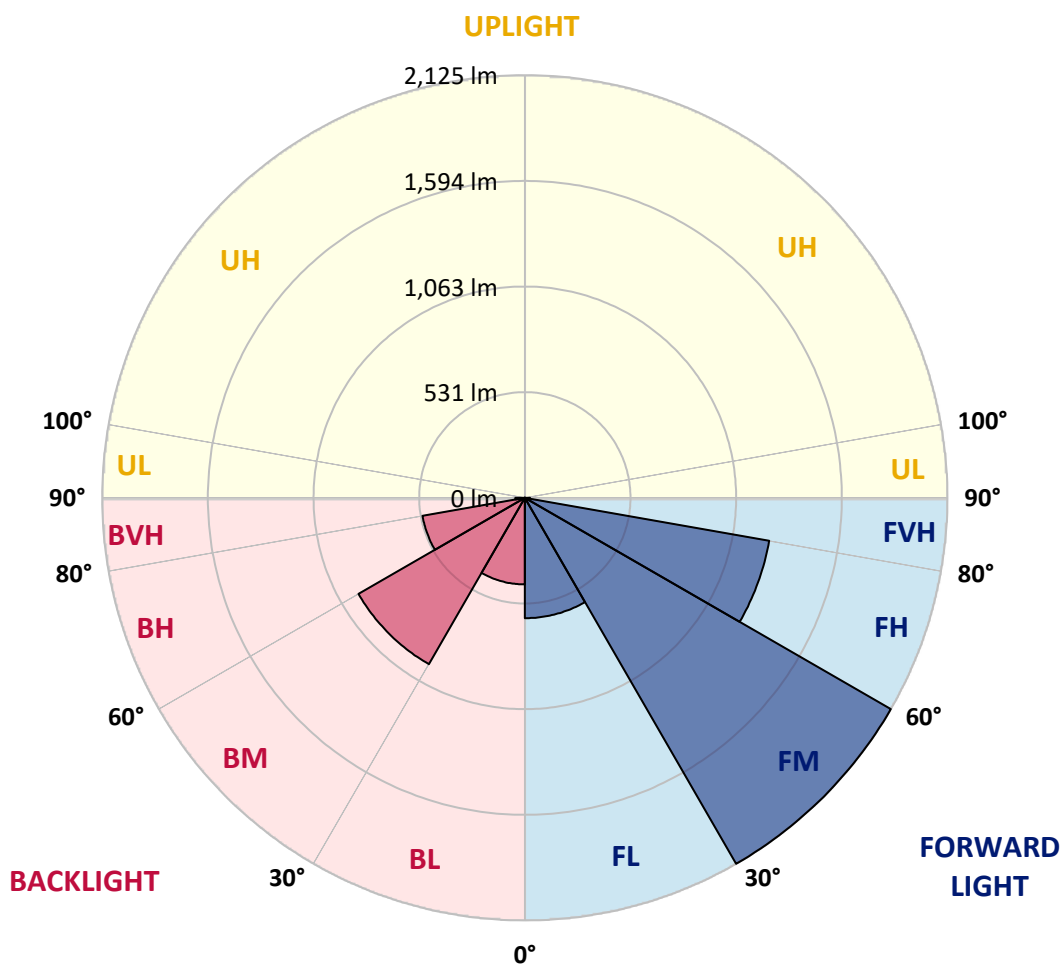
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	605.3	10.1			
FM	(30°-60°)	2125.1	35.6			
FH	(60°-80°)	1247.5	20.9			G1/1800
FVH	(80°-90°)	25.8	0.4			G1/100
BL	(0°-30°)	435.5	7.3	B1/500		
BM	(30°-60°)	965.9	16.2	B1/1000		
BH	(60°-80°)	522.5	8.7	B2/1000		G2/1000
BVH	(80°-90°)	47.2	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
2.5°	1196.1	1195.0	1193.8	1193.8	1189.2	1184.6	1179.9	1176.5	1167.2	1166.1	1161.4
5°	1231.9	1231.9	1228.5	1227.3	1220.4	1208.8	1198.4	1188.0	1175.3	1173.0	1162.6
7.5°	1278.2	1278.2	1272.4	1267.8	1257.4	1238.9	1220.4	1201.9	1183.4	1181.1	1164.9
10°	1337.1	1337.1	1332.5	1322.1	1300.1	1275.9	1245.8	1216.9	1192.6	1190.3	1167.2
12.5°	1398.4	1399.5	1392.6	1377.6	1351.0	1314.0	1277.0	1235.4	1204.2	1200.7	1171.8
15°	1460.8	1461.9	1457.3	1441.1	1405.3	1360.2	1310.5	1260.8	1219.2	1215.8	1178.8
17.5°	1522.0	1524.3	1519.7	1501.2	1459.6	1411.1	1349.8	1287.4	1237.7	1233.1	1190.3
20°	1579.8	1579.8	1579.8	1559.0	1518.5	1463.1	1392.6	1319.8	1258.5	1253.9	1204.2
22.5°	1631.8	1634.1	1637.6	1626.0	1579.8	1518.5	1442.3	1355.6	1285.1	1279.3	1221.5
25°	1683.8	1685.0	1694.2	1686.1	1641.0	1577.5	1495.4	1400.7	1317.5	1311.7	1242.3
27.5°	1743.9	1747.4	1753.1	1749.7	1698.8	1636.4	1554.4	1450.4	1353.3	1347.5	1267.8
30°	1814.4	1814.4	1817.9	1812.1	1761.2	1698.8	1613.3	1502.4	1398.4	1389.1	1299.0
32.5°	1872.2	1878.0	1875.6	1873.3	1820.2	1757.8	1673.4	1560.1	1450.4	1438.8	1341.7
35°	1926.5	1927.7	1926.5	1928.8	1875.6	1816.7	1737.0	1627.2	1508.1	1503.5	1396.0
37.5°	1957.7	1960.0	1965.8	1972.7	1925.3	1869.9	1800.5	1701.1	1579.8	1571.7	1460.8
40°	1972.7	1976.2	2007.4	2017.8	1966.9	1920.7	1867.6	1768.2	1649.1	1639.9	1525.5
42.5°	1995.8	2023.6	2039.8	2042.1	1998.1	1957.7	1925.3	1844.4	1734.7	1726.6	1612.2
45°	1919.6	1909.2	1951.9	2001.6	1999.3	1982.0	1980.8	1930.0	1839.8	1831.7	1710.4
47.5°	1823.6	1815.6	1838.7	1911.5	1963.5	1992.4	2035.1	2030.5	1966.9	1955.4	1824.8
50°	1594.8	1608.7	1721.9	1821.3	1911.5	1995.8	2081.4	2135.7	2090.6	2081.4	1946.1
52.5°	1381.0	1390.3	1467.7	1704.6	1844.4	1985.4	2121.8	2246.6	2235.1	2224.7	2079.0
55°	1230.8	1240.0	1363.7	1515.1	1745.1	1932.3	2148.4	2351.8	2381.8	2371.4	2220.0
57.5°	1073.6	1088.6	1173.0	1305.9	1612.2	1844.4	2157.6	2458.1	2541.3	2532.1	2355.2
60°	922.2	943.0	992.7	1137.2	1448.1	1740.4	2133.4	2543.6	2695.0	2695.0	2495.1
62.5°	782.4	793.9	845.9	976.5	1240.0	1607.5	2072.1	2597.9	2836.0	2830.2	2617.6
65°	666.8	672.6	714.2	826.3	1065.5	1460.8	1965.8	2594.5	2936.5	2937.7	2698.5
67°	562.8	572.1	618.3	720.0	932.6	1322.1	1843.3	2542.5	2972.4	2974.7	2718.1
67.5°	527.0	537.4	588.2	693.4	904.9	1283.9	1814.4	2520.5	2970.1	2974.7	2712.3
70°	362.9	365.2	450.7	570.9	744.2	1081.7	1614.5	2368.0	2882.2	2878.8	2586.4
72.5°	231.1	227.7	309.7	417.2	598.6	876.0	1362.5	2101.0	2615.3	2611.8	2280.1
75°	153.7	157.2	209.2	298.2	420.7	677.2	1062.1	1585.6	1816.7	1802.8	1504.7
77.5°	109.8	107.5	129.4	215.0	282.0	411.4	576.7	843.6	965.0	965.0	826.3
80°	60.1	61.3	70.5	119.0	159.5	160.6	216.1	423.0	471.5	481.9	401.0
82.5°	17.3	18.5	25.4	40.4	43.9	48.5	75.1	121.3	127.1	134.1	108.6
85°	0.0	0.0	0.0	1.2	4.6	5.8	5.8	6.9	11.6	11.6	12.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3	4.6	4.6	5.8
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°	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
2.5°	1160.3	1161.4	1156.8	1151.0	1146.4	1144.1	1137.2	1131.4	1134.9	1138.3	1138.3
5°	1159.1	1158.0	1148.7	1138.3	1131.4	1126.8	1115.2	1107.1	1108.3	1111.8	1110.6
7.5°	1159.1	1154.5	1141.8	1126.8	1115.2	1106.0	1090.9	1081.7	1080.5	1082.9	1080.5
10°	1160.3	1152.2	1134.9	1114.1	1097.9	1084.0	1065.5	1055.1	1051.7	1052.8	1050.5
12.5°	1162.6	1149.9	1127.9	1101.4	1080.5	1062.1	1041.3	1028.5	1026.2	1028.5	1028.5
15°	1166.1	1149.9	1122.2	1089.8	1062.1	1041.3	1020.5	1008.9	1008.9	1010.1	1010.1
17.5°	1173.0	1153.4	1117.5	1077.1	1043.6	1020.5	1002.0	993.9	995.0	998.5	998.5
20°	1179.9	1158.0	1112.9	1064.4	1027.4	1000.8	985.8	980.0	984.6	989.3	989.3
22.5°	1190.3	1163.8	1108.3	1052.8	1008.9	982.3	969.6	965.0	969.6	975.4	973.1
25°	1206.5	1174.2	1104.8	1042.4	991.6	962.7	950.0	945.3	947.6	952.3	952.3
27.5°	1225.0	1186.9	1103.7	1029.7	970.8	939.6	924.5	917.6	917.6	918.8	919.9
30°	1256.2	1208.8	1108.3	1020.5	952.3	915.3	895.6	885.2	884.1	888.7	888.7
32.5°	1293.2	1238.9	1119.8	1012.4	933.8	886.4	859.8	851.7	849.4	852.9	849.4
35°	1334.8	1272.4	1134.9	1011.2	915.3	855.2	825.1	815.9	809.0	806.7	804.3
37.5°	1393.7	1318.6	1149.9	1005.4	896.8	821.7	789.3	769.7	761.6	759.3	759.3
40°	1451.5	1363.7	1168.4	996.2	874.8	788.2	741.9	720.0	716.5	716.5	716.5
42.5°	1524.3	1422.6	1193.8	990.4	848.3	754.7	691.1	665.7	665.7	665.7	664.5
45°	1614.5	1500.1	1226.2	988.1	822.8	714.2	636.8	603.3	602.1	600.9	599.8
47.5°	1719.6	1581.0	1257.4	982.3	792.8	665.7	574.4	537.4	529.3	527.0	523.5
50°	1828.3	1668.8	1290.9	974.2	757.0	609.0	515.4	472.7	455.3	449.6	451.9
52.5°	1943.8	1754.3	1323.2	962.7	714.2	552.4	455.3	410.3	392.9	386.0	384.8
55°	2057.1	1841.0	1353.3	947.6	668.0	494.6	404.5	360.6	345.5	343.2	343.2
57.5°	2171.5	1924.2	1376.4	925.7	617.1	443.8	360.6	324.7	314.3	319.0	319.0
60°	2275.5	1997.0	1388.0	895.6	566.3	397.5	325.9	299.3	294.7	306.3	305.1
62.5°	2369.1	2045.5	1382.2	851.7	516.6	358.3	299.3	279.7	280.8	294.7	295.9
65°	2414.2	2053.6	1348.7	791.6	461.1	324.7	271.6	253.1	255.4	270.4	273.9
67°	2403.8	2022.4	1293.2	723.4	416.0	299.3	254.2	235.8	236.9	249.6	250.8
67.5°	2392.2	2007.4	1278.2	702.6	404.5	294.7	249.6	232.3	234.6	246.2	246.2
70°	2238.5	1854.8	1139.5	596.3	350.2	262.3	227.7	216.1	218.4	225.4	225.4
72.5°	1956.5	1606.4	922.2	478.4	297.0	232.3	205.7	198.8	198.8	198.8	193.0
75°	1248.1	1006.6	603.3	366.3	245.0	198.8	184.9	176.8	172.2	179.1	176.8
77.5°	689.9	525.8	314.3	210.3	176.8	165.3	160.6	157.2	156.0	172.2	167.6
80°	327.1	260.0	176.8	120.2	101.7	122.5	138.7	136.4	162.9	223.0	224.2
82.5°	104.0	85.5	71.7	65.9	68.2	87.8	107.5	123.7	211.5	239.2	235.8
85°	12.7	11.6	8.1	26.6	45.1	64.7	83.2	160.6	194.2	161.8	152.5
87.5°	4.6	4.6	4.6	18.5	34.7	49.7	75.1	161.8	119.0	108.6	99.4
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)