

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: P1211980

Luminaire Tested: **GKO-PB2B-835-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211980
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-835-U-T2U
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

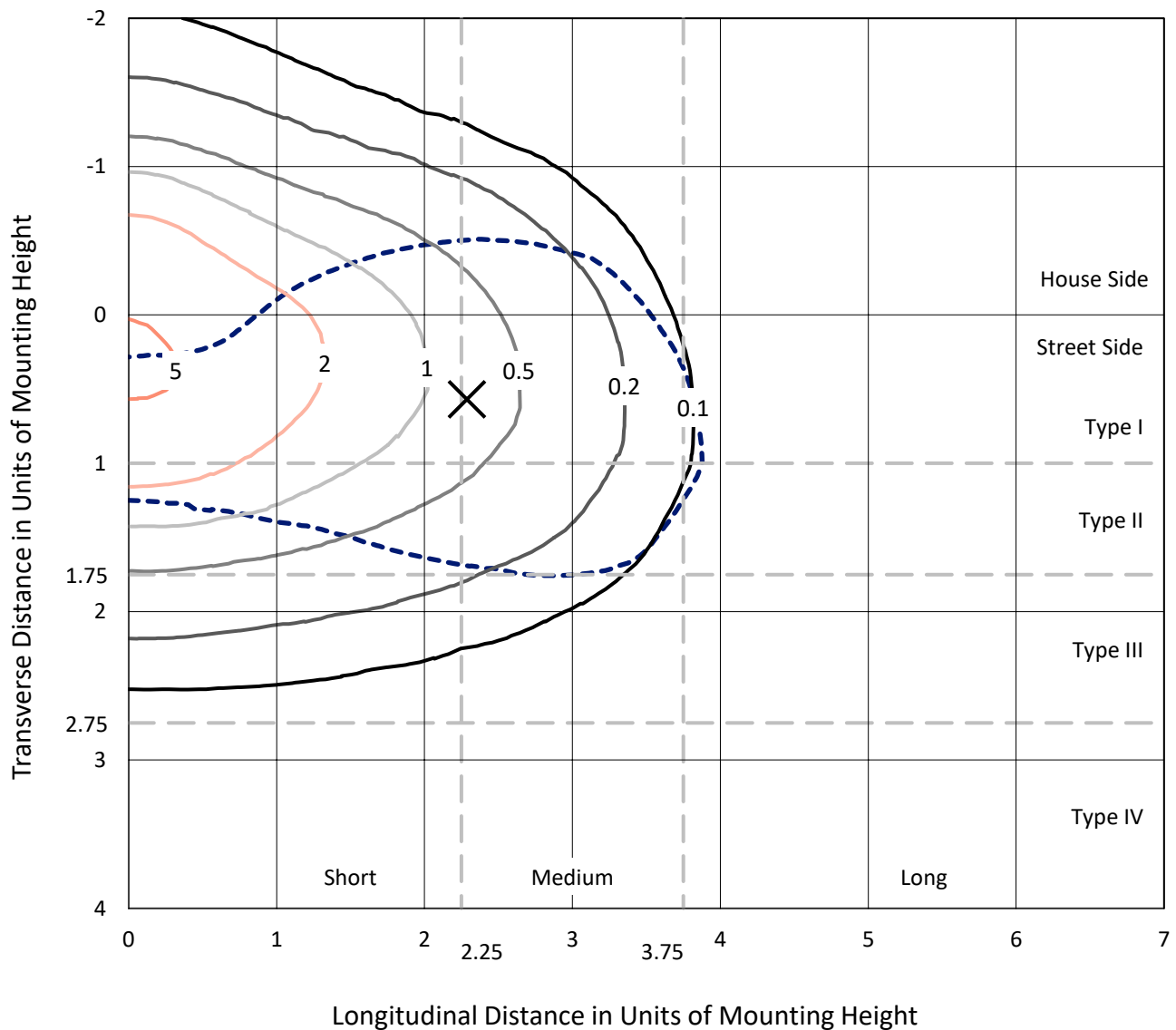
Lumens per Lamp: N/A
Luminaire Lumens: 5699.7 lumens
Efficiency: N/A
Efficacy: 136.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

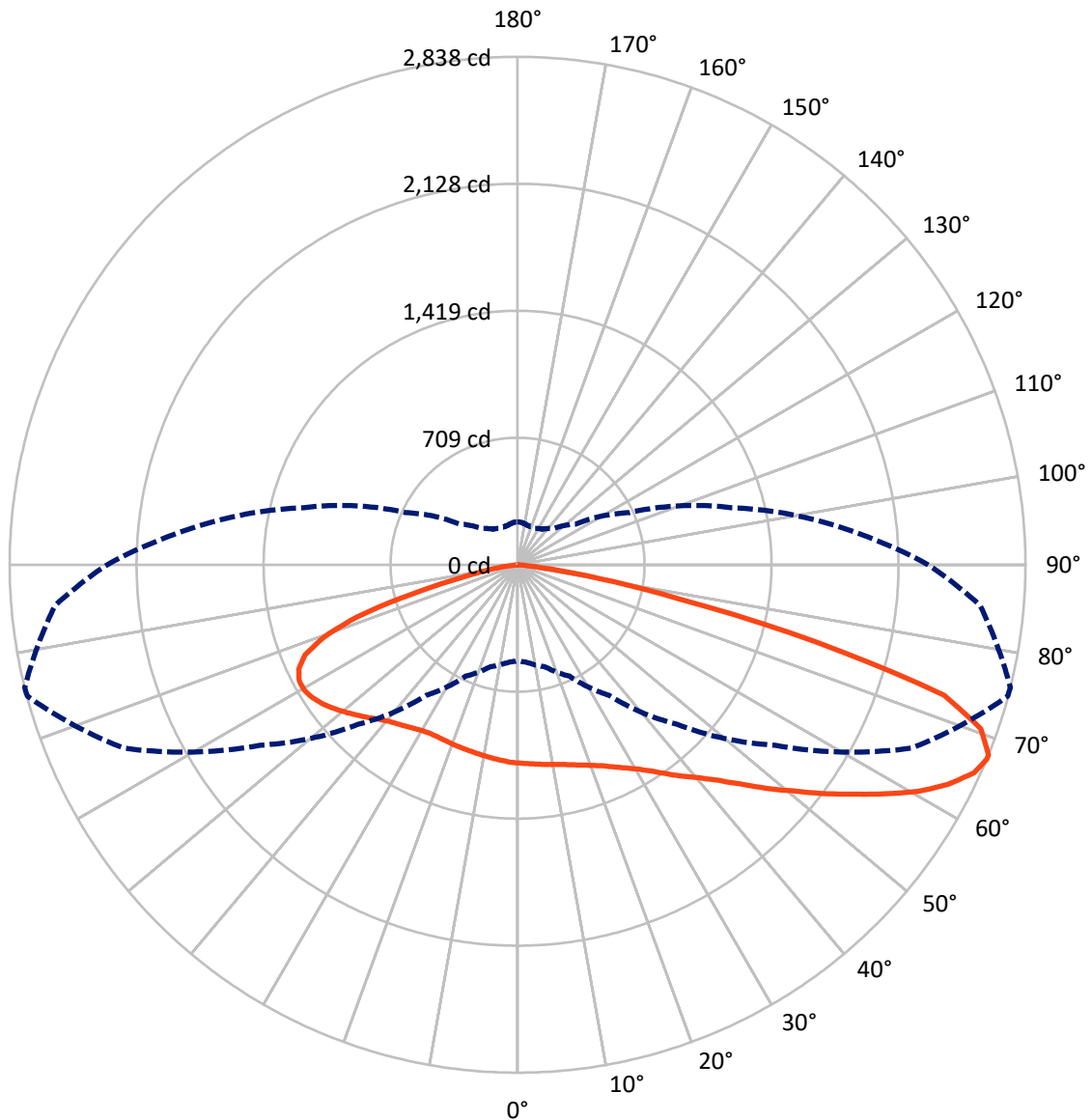
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.6 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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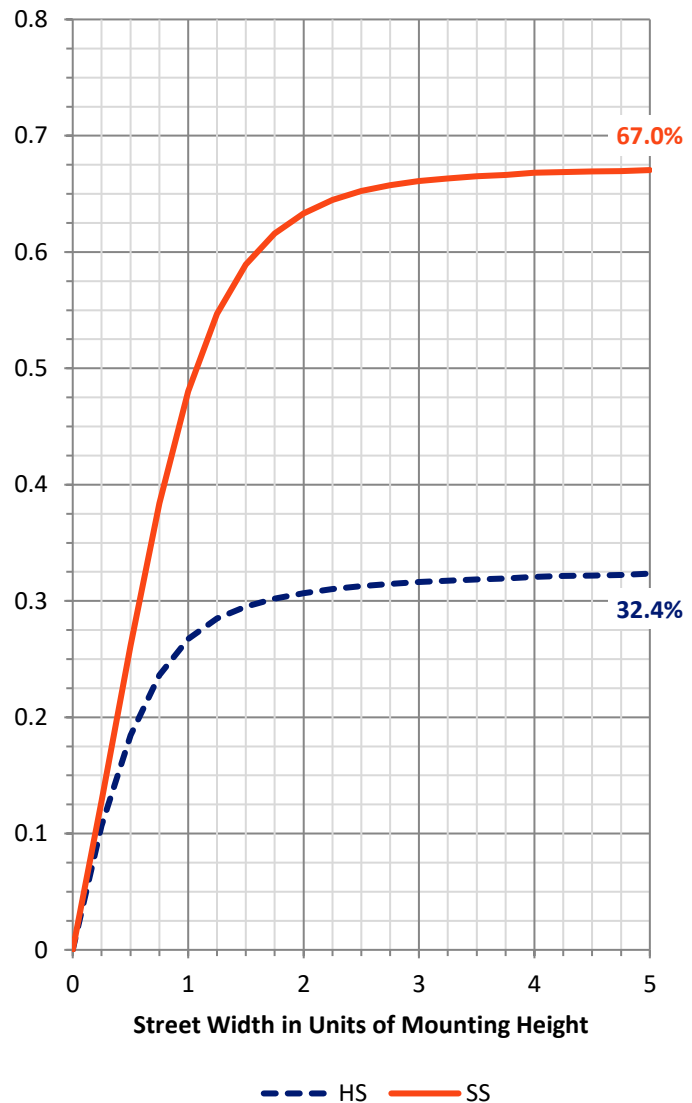
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1880.4	0.0	1880.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	3819.3	0.0	3819.3
	% Fixture	67.0	0.0	67.0
Total	Lumens	5699.7	0.0	5699.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.5	1.9
10°-20°	325.8	5.7
20°-30°	560.5	9.8
30°-40°	805.5	14.1
40°-50°	1021.5	17.9
50°-60°	1121.7	19.7
60°-70°	1087.9	19.1
70°-80°	600.6	10.5
80°-90°	69.7	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°	5699.7	100.0
0°-180°	5699.7	100.0

Coefficient of Utilization



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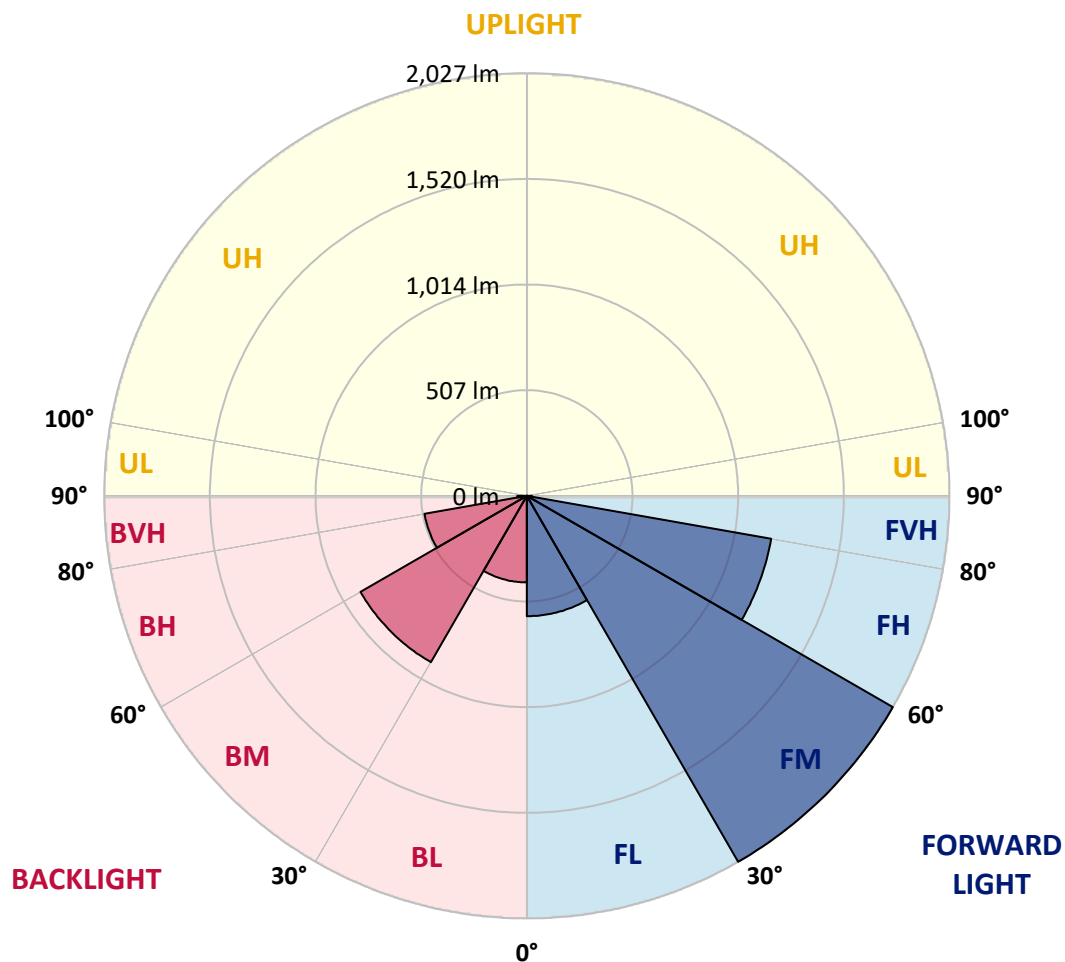
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	577.4	10.1			
FM	(30°-60°)	2027.2	35.6			
FH	(60°-80°)	1190.0	20.9			G1/1800
FVH	(80°-90°)	24.6	0.4			G1/100
BL	(0°-30°)	415.5	7.3	B1/500		
BM	(30°-60°)	921.5	16.2	B1/1000		
BH	(60°-80°)	498.4	8.7	B1/500		G1/500
BVH	(80°-90°)	45.0	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°	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0
2.5°	1141.0	1139.9	1138.8	1138.8	1134.4	1130.0	1125.6	1122.3	1113.5	1112.4	1108.0
5°	1175.2	1175.2	1171.9	1170.8	1164.2	1153.2	1143.2	1133.3	1121.2	1119.0	1109.1
7.5°	1219.3	1219.3	1213.8	1209.4	1199.5	1181.8	1164.2	1146.6	1128.9	1126.7	1111.3
10°	1275.5	1275.5	1271.1	1261.2	1240.3	1217.1	1188.4	1160.9	1137.7	1135.5	1113.5
12.5°	1334.0	1335.1	1328.5	1314.1	1288.8	1253.5	1218.2	1178.5	1148.8	1145.4	1117.9
15°	1393.5	1394.6	1390.2	1374.8	1340.6	1297.6	1250.2	1202.8	1163.1	1159.8	1124.5
17.5°	1451.9	1454.1	1449.7	1432.1	1392.4	1346.1	1287.7	1228.1	1180.7	1176.3	1135.5
20°	1507.1	1507.1	1507.1	1487.2	1448.6	1395.7	1328.5	1259.0	1200.6	1196.2	1148.8
22.5°	1556.7	1558.9	1562.2	1551.2	1507.1	1448.6	1375.9	1293.2	1225.9	1220.4	1165.3
25°	1606.3	1607.4	1616.2	1608.5	1565.5	1504.8	1426.6	1336.2	1256.8	1251.3	1185.1
27.5°	1663.6	1666.9	1672.4	1669.1	1620.6	1561.1	1482.8	1383.6	1291.0	1285.5	1209.4
30°	1730.8	1730.8	1734.2	1728.6	1680.1	1620.6	1539.0	1433.2	1334.0	1325.1	1239.2
32.5°	1786.0	1791.5	1789.3	1787.1	1736.4	1676.8	1596.4	1488.3	1383.6	1372.6	1279.9
35°	1837.8	1838.9	1837.8	1840.0	1789.3	1733.1	1657.0	1552.3	1438.7	1434.3	1331.8
37.5°	1867.6	1869.8	1875.3	1881.9	1836.7	1783.8	1717.6	1622.8	1507.1	1499.3	1393.5
40°	1881.9	1885.2	1915.0	1924.9	1876.4	1832.3	1781.6	1686.8	1573.2	1564.4	1455.2
42.5°	1903.9	1930.4	1945.8	1948.0	1906.1	1867.6	1836.7	1759.5	1654.8	1647.1	1537.9
45°	1831.2	1821.3	1862.0	1909.4	1907.2	1890.7	1889.6	1841.1	1755.1	1747.4	1631.6
47.5°	1739.7	1732.0	1754.0	1823.5	1873.1	1900.6	1941.4	1937.0	1876.4	1865.3	1740.8
50°	1521.4	1534.6	1642.7	1737.5	1823.5	1903.9	1985.5	2037.3	1994.3	1985.5	1856.5
52.5°	1317.4	1326.2	1400.1	1626.1	1759.5	1894.0	2024.1	2143.2	2132.1	2122.2	1983.3
55°	1174.1	1182.9	1300.9	1445.3	1664.7	1843.3	2049.5	2243.5	2272.2	2262.2	2117.8
57.5°	1024.2	1038.5	1119.0	1245.8	1537.9	1759.5	2058.3	2344.9	2424.3	2415.5	2246.8
60°	879.8	899.6	947.0	1084.8	1381.4	1660.3	2035.1	2426.5	2570.9	2570.9	2380.2
62.5°	746.4	757.4	807.0	931.6	1182.9	1533.5	1976.7	2478.3	2705.4	2699.9	2497.1
65°	636.1	641.6	681.3	788.3	1016.5	1393.5	1875.3	2475.0	2801.3	2802.4	2574.2
67°	536.9	545.7	589.8	686.8	889.7	1261.2	1758.4	2425.4	2835.5	2837.7	2593.0
67.5°	502.7	512.6	561.1	661.5	863.2	1224.8	1730.8	2404.4	2833.3	2837.7	2587.5
70°	346.2	348.4	430.0	544.6	710.0	1031.9	1540.1	2258.9	2749.5	2746.2	2467.3
72.5°	220.5	217.2	295.5	398.0	571.1	835.7	1299.8	2004.3	2494.8	2491.5	2175.1
75°	146.6	149.9	199.5	284.4	401.3	646.0	1013.2	1512.6	1733.1	1719.8	1435.4
77.5°	104.7	102.5	123.5	205.1	269.0	392.5	550.1	804.8	920.5	920.5	788.3
80°	57.3	58.4	67.2	113.6	152.1	153.2	206.2	403.5	449.8	459.7	382.6
82.5°	16.5	17.6	24.3	38.6	41.9	46.3	71.7	115.8	121.3	127.9	103.6
85°	0.0	0.0	0.0	1.1	4.4	5.5	5.5	6.6	11.0	11.0	12.1
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.2	4.4	4.4	5.5
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°	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0	1108.0
2.5°	1106.9	1108.0	1103.6	1098.0	1093.6	1091.4	1084.8	1079.3	1082.6	1085.9	1085.9
5°	1105.8	1104.7	1095.8	1085.9	1079.3	1074.9	1063.9	1056.1	1057.3	1060.6	1059.5
7.5°	1105.8	1101.3	1089.2	1074.9	1063.9	1055.0	1040.7	1031.9	1030.8	1033.0	1030.8
10°	1106.9	1099.1	1082.6	1062.8	1047.3	1034.1	1016.5	1006.5	1003.2	1004.3	1002.1
12.5°	1109.1	1096.9	1076.0	1050.6	1030.8	1013.2	993.3	981.2	979.0	981.2	981.2
15°	1112.4	1096.9	1070.5	1039.6	1013.2	993.3	973.5	962.4	962.4	963.5	963.5
17.5°	1119.0	1100.2	1066.1	1027.5	995.5	973.5	955.8	948.1	949.2	952.5	952.5
20°	1125.6	1104.7	1061.7	1015.4	980.1	954.7	940.4	934.9	939.3	943.7	943.7
22.5°	1135.5	1110.2	1057.3	1004.3	962.4	937.1	925.0	920.5	925.0	930.5	928.3
25°	1151.0	1120.1	1053.9	994.4	945.9	918.3	906.2	901.8	904.0	908.4	908.4
27.5°	1168.6	1132.2	1052.8	982.3	926.1	896.3	882.0	875.3	875.3	876.4	877.6
30°	1198.4	1153.2	1057.3	973.5	908.4	873.1	854.4	844.5	843.4	847.8	847.8
32.5°	1233.6	1181.8	1068.3	965.7	890.8	845.6	820.2	812.5	810.3	813.6	810.3
35°	1273.3	1213.8	1082.6	964.6	873.1	815.8	787.2	778.3	771.7	769.5	767.3
37.5°	1329.6	1257.9	1096.9	959.1	855.5	783.8	753.0	734.2	726.5	724.3	724.3
40°	1384.7	1300.9	1114.6	950.3	834.6	751.9	707.8	686.8	683.5	683.5	683.5
42.5°	1454.1	1357.1	1138.8	944.8	809.2	719.9	659.3	635.0	635.0	635.0	633.9
45°	1540.1	1431.0	1169.7	942.6	784.9	681.3	607.5	575.5	574.4	573.3	572.2
47.5°	1640.4	1508.2	1199.5	937.1	756.3	635.0	547.9	512.6	504.9	502.7	499.4
50°	1744.1	1591.9	1231.4	929.4	722.1	581.0	491.7	450.9	434.4	428.9	431.1
52.5°	1854.3	1673.5	1262.3	918.3	681.3	527.0	434.4	391.4	374.8	368.2	367.1
55°	1962.4	1756.2	1291.0	904.0	637.2	471.8	385.9	344.0	329.6	327.4	327.4
57.5°	2071.5	1835.6	1313.0	883.1	588.7	423.3	344.0	309.8	299.9	304.3	304.3
60°	2170.7	1905.0	1324.0	854.4	540.2	379.2	310.9	285.5	281.1	292.1	291.0
62.5°	2260.0	1951.3	1318.5	812.5	492.8	341.8	285.5	266.8	267.9	281.1	282.2
65°	2303.0	1959.1	1286.6	755.2	439.9	309.8	259.1	241.4	243.6	258.0	261.3
67°	2293.1	1929.3	1233.6	690.1	396.9	285.5	242.5	224.9	226.0	238.1	239.2
67.5°	2282.1	1915.0	1219.3	670.3	385.9	281.1	238.1	221.6	223.8	234.8	234.8
70°	2135.4	1769.4	1087.0	568.9	334.0	250.3	217.2	206.2	208.4	215.0	215.0
72.5°	1866.5	1532.4	879.8	456.4	283.3	221.6	196.2	189.6	189.6	189.6	184.1
75°	1190.6	960.2	575.5	349.5	233.7	189.6	176.4	168.7	164.3	170.9	168.7
77.5°	658.2	501.6	299.9	200.6	168.7	157.7	153.2	149.9	148.8	164.3	159.9
80°	312.0	248.1	168.7	114.7	97.0	116.9	132.3	130.1	155.4	212.8	213.9
82.5°	99.2	81.6	68.4	62.8	65.0	83.8	102.5	118.0	201.7	228.2	224.9
85°	12.1	11.0	7.7	25.4	43.0	61.7	79.4	153.2	185.2	154.3	145.5
87.5°	4.4	4.4	4.4	17.6	33.1	47.4	71.7	154.3	113.6	103.6	94.8
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)