

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: P1211950

Luminaire Tested: **GKO-PB2B-735-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211950
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-735-U-T2U
Description: GEKKO WALL PACK 6000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6095.5 lumens
Efficiency: N/A
Efficacy: 145.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

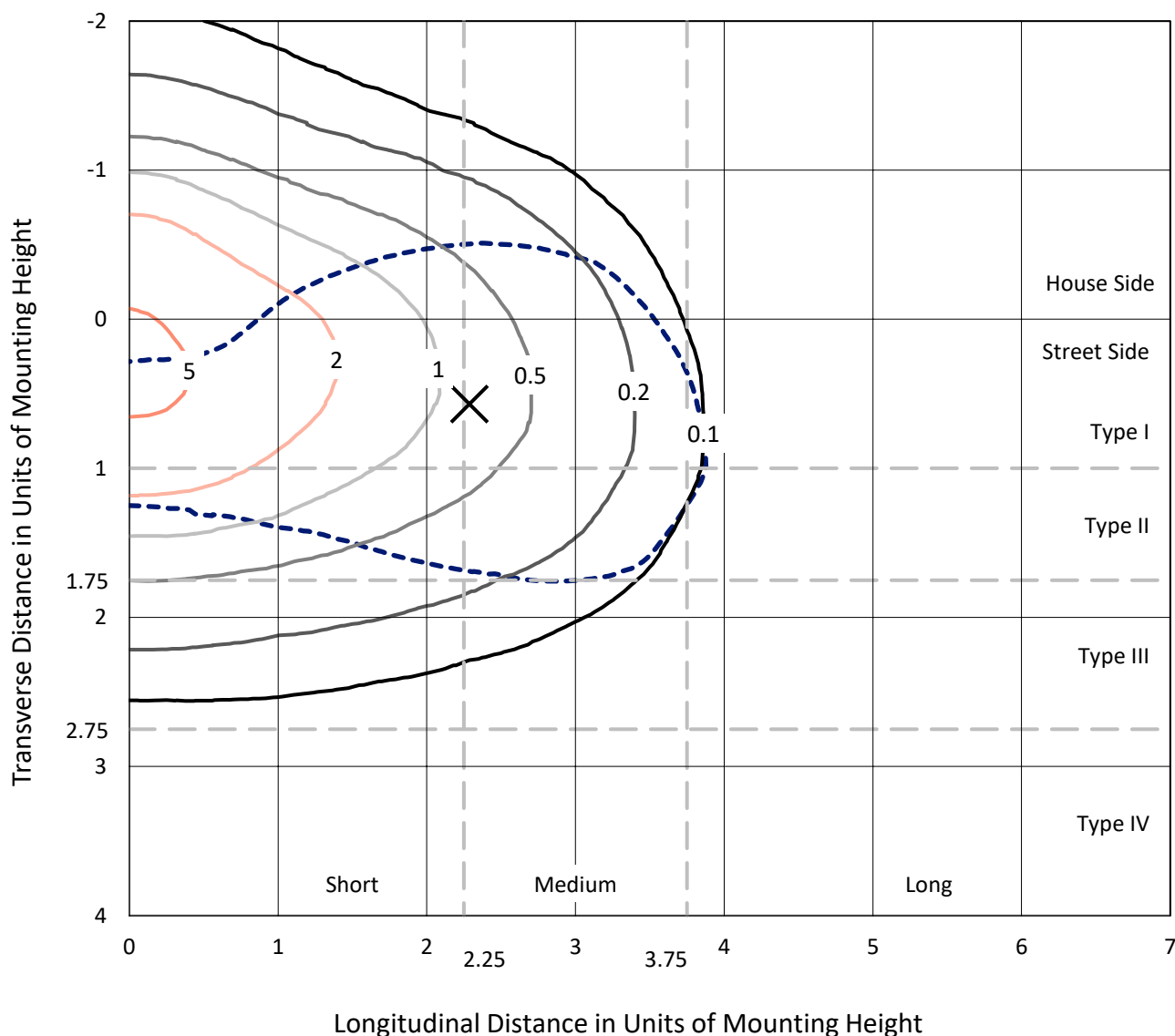
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

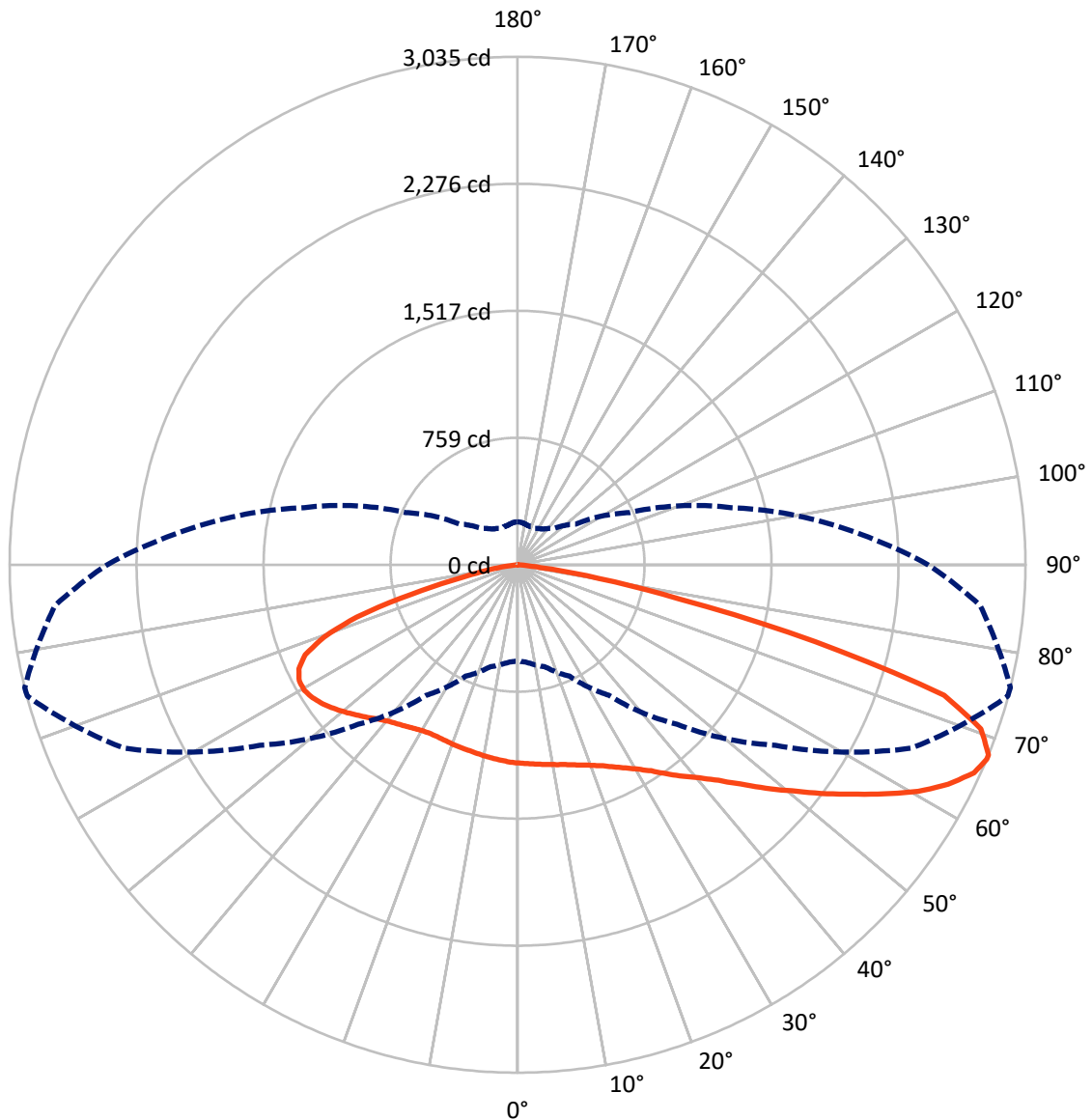
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.9 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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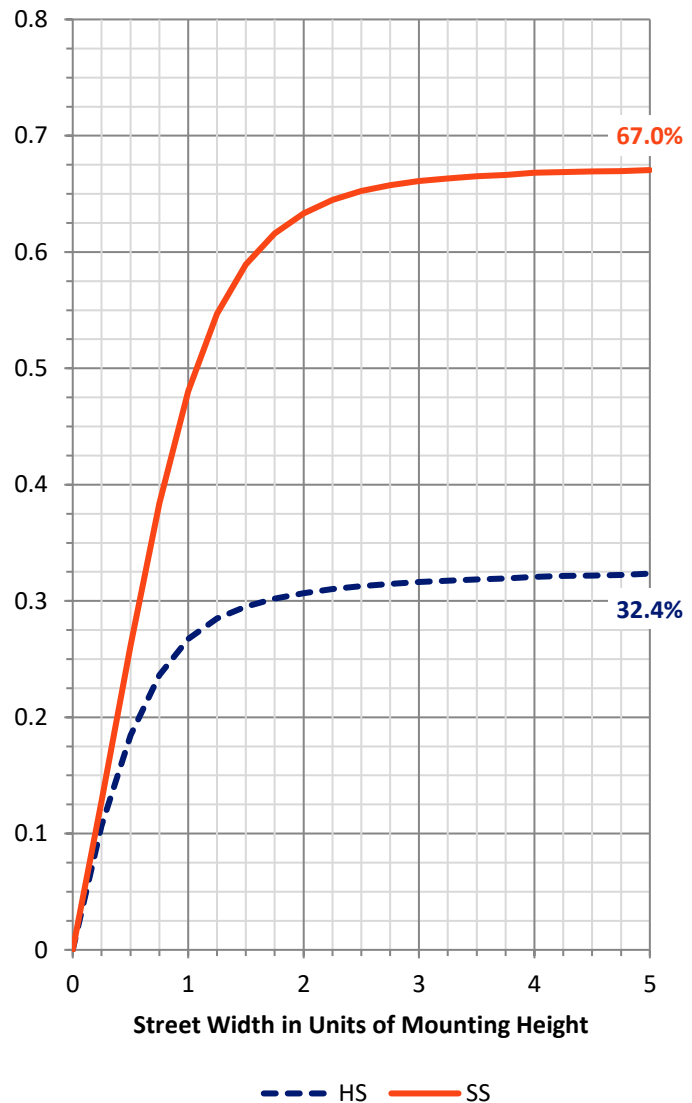
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2011.0	0.0	2011.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	4084.5	0.0	4084.5
	% Fixture	67.0	0.0	67.0
Total	Lumens	6095.5	0.0	6095.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.9	1.9
10°-20°	348.4	5.7
20°-30°	599.5	9.8
30°-40°	861.4	14.1
40°-50°	1092.4	17.9
50°-60°	1199.6	19.7
60°-70°	1163.4	19.1
70°-80°	642.3	10.5
80°-90°	74.5	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°	6095.5	100.0
0°-180°	6095.5	100.0



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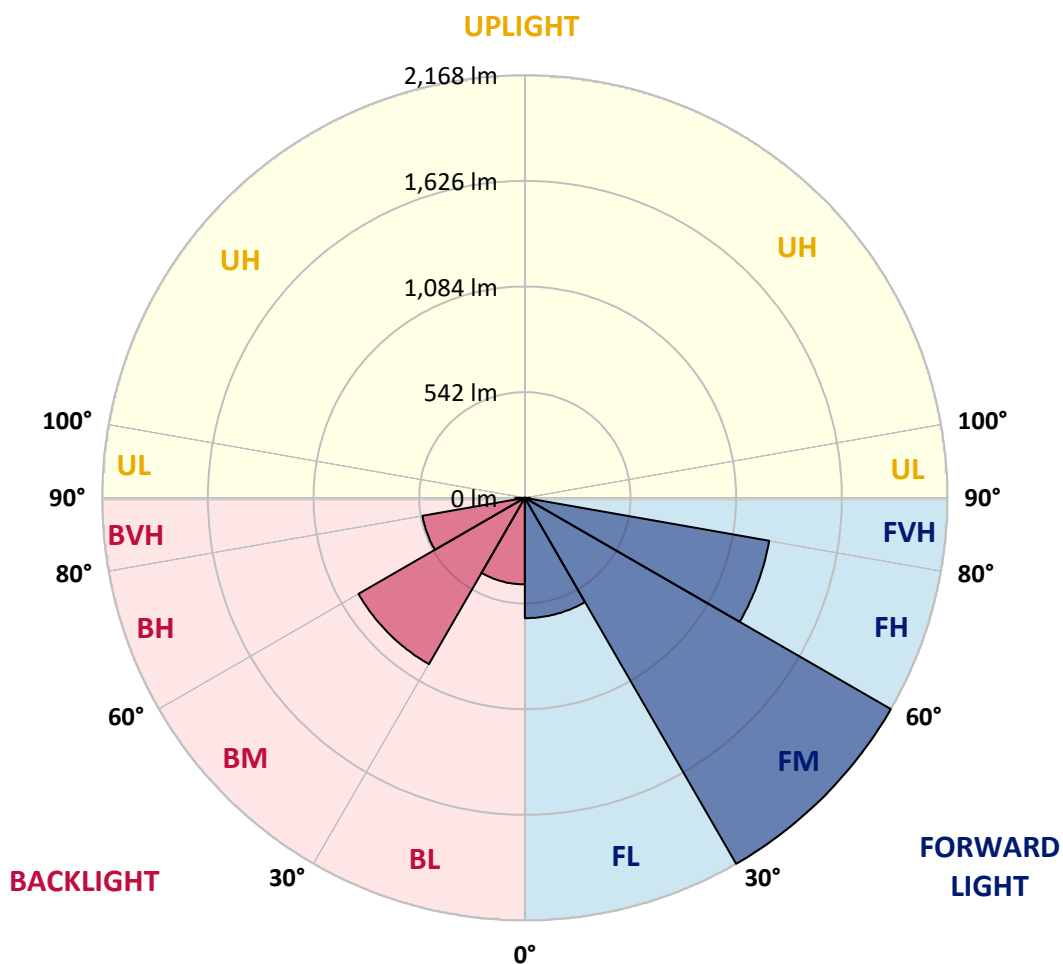
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	617.5	10.1			
FM	(30°-60°)	2168.0	35.6			
FH	(60°-80°)	1272.7	20.9			G1/1800
FVH	(80°-90°)	26.3	0.4			G1/100
BL	(0°-30°)	444.3	7.3	B1/500		
BM	(30°-60°)	985.4	16.2	B1/1000		
BH	(60°-80°)	533.1	8.7	B2/1000		G2/1000
BVH	(80°-90°)	48.2	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°	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9
2.5°	1220.3	1219.1	1217.9	1217.9	1213.2	1208.5	1203.8	1200.2	1190.8	1189.6	1184.9
5°	1256.8	1256.8	1253.3	1252.1	1245.0	1233.2	1222.6	1212.0	1199.0	1196.7	1186.1
7.5°	1304.0	1304.0	1298.1	1293.4	1282.7	1263.9	1245.0	1226.2	1207.3	1204.9	1188.4
10°	1364.1	1364.1	1359.4	1348.8	1326.4	1301.6	1271.0	1241.5	1216.7	1214.4	1190.8
12.5°	1426.6	1427.8	1420.7	1405.4	1378.2	1340.5	1302.8	1260.3	1228.5	1225.0	1195.5
15°	1490.3	1491.4	1486.7	1470.2	1433.7	1387.7	1337.0	1286.3	1243.8	1240.3	1202.6
17.5°	1552.7	1555.1	1550.4	1531.5	1489.1	1439.6	1377.1	1313.4	1262.7	1258.0	1214.4
20°	1611.7	1611.7	1611.7	1590.5	1549.2	1492.6	1420.7	1346.4	1283.9	1279.2	1228.5
22.5°	1664.7	1667.1	1670.6	1658.8	1611.7	1549.2	1471.4	1383.0	1311.0	1305.1	1246.2
25°	1717.8	1719.0	1728.4	1720.2	1674.2	1609.3	1525.6	1428.9	1344.1	1338.2	1267.4
27.5°	1779.1	1782.6	1788.5	1785.0	1733.1	1669.5	1585.7	1479.6	1380.6	1374.7	1293.4
30°	1851.0	1851.0	1854.6	1848.7	1796.8	1733.1	1645.9	1532.7	1426.6	1417.2	1325.2
32.5°	1910.0	1915.9	1913.5	1911.2	1856.9	1793.3	1707.2	1591.6	1479.6	1467.8	1368.8
35°	1965.4	1966.6	1965.4	1967.7	1913.5	1853.4	1772.0	1660.0	1538.6	1533.9	1424.2
37.5°	1997.2	1999.6	2005.5	2012.5	1964.2	1907.6	1836.9	1735.5	1611.7	1603.4	1490.3
40°	2012.5	2016.1	2047.9	2058.5	2006.7	1959.5	1905.3	1803.9	1682.4	1673.0	1556.3
42.5°	2036.1	2064.4	2080.9	2083.3	2038.5	1997.2	1964.2	1881.7	1769.7	1761.4	1644.7
45°	1958.3	1947.7	1991.3	2042.0	2039.7	2022.0	2020.8	1968.9	1877.0	1868.7	1744.9
47.5°	1860.5	1852.2	1875.8	1950.1	2003.1	2032.6	2076.2	2071.5	2006.7	1994.9	1861.6
50°	1627.0	1641.2	1756.7	1858.1	1950.1	2036.1	2123.4	2178.8	2132.8	2123.4	1985.4
52.5°	1408.9	1418.3	1497.3	1739.0	1881.7	2025.5	2164.6	2292.0	2280.2	2269.6	2121.0
55°	1255.6	1265.1	1391.2	1545.7	1780.3	1971.3	2191.8	2399.3	2429.9	2419.3	2264.9
57.5°	1095.3	1110.6	1196.7	1332.3	1644.7	1881.7	2201.2	2507.7	2592.6	2583.2	2402.8
60°	940.8	962.1	1012.8	1160.1	1477.3	1775.6	2176.4	2595.0	2749.4	2749.4	2545.5
62.5°	798.2	810.0	863.0	996.3	1265.1	1640.0	2113.9	2650.4	2893.3	2887.4	2670.4
65°	680.3	686.2	728.6	843.0	1087.0	1490.3	2005.5	2646.8	2995.8	2997.0	2753.0
67°	574.2	583.6	630.8	734.5	951.4	1348.8	1880.5	2593.8	3032.4	3034.7	2773.0
67.5°	537.6	548.2	600.1	707.4	923.2	1309.9	1851.0	2571.4	3030.0	3034.7	2767.1
70°	370.2	372.6	459.8	582.4	759.3	1103.5	1647.1	2415.8	2940.4	2936.9	2638.6
72.5°	235.8	232.3	316.0	425.6	610.7	893.7	1390.0	2143.4	2668.1	2664.5	2326.2
75°	156.8	160.3	213.4	304.2	429.2	690.9	1083.5	1617.6	1853.4	1839.2	1535.1
77.5°	112.0	109.6	132.0	219.3	287.7	419.7	588.3	860.7	984.5	984.5	843.0
80°	61.3	62.5	71.9	121.4	162.7	163.9	220.5	431.5	481.0	491.6	409.1
82.5°	17.7	18.9	25.9	41.3	44.8	49.5	76.6	123.8	129.7	136.8	110.8
85°	0.0	0.0	0.0	1.2	4.7	5.9	5.9	7.1	11.8	11.8	13.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4	4.7	4.7	5.9
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°	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9
2.5°	1183.7	1184.9	1180.2	1174.3	1169.6	1167.2	1160.1	1154.2	1157.8	1161.3	1161.3
5°	1182.5	1181.4	1171.9	1161.3	1154.2	1149.5	1137.7	1129.5	1130.7	1134.2	1133.0
7.5°	1182.5	1177.8	1164.8	1149.5	1137.7	1128.3	1113.0	1103.5	1102.4	1104.7	1102.4
10°	1183.7	1175.5	1157.8	1136.6	1120.0	1105.9	1087.0	1076.4	1072.9	1074.1	1071.7
12.5°	1186.1	1173.1	1150.7	1123.6	1102.4	1083.5	1062.3	1049.3	1046.9	1049.3	1049.3
15°	1189.6	1173.1	1144.8	1111.8	1083.5	1062.3	1041.1	1029.3	1029.3	1030.4	1030.4
17.5°	1196.7	1176.6	1140.1	1098.8	1064.6	1041.1	1022.2	1013.9	1015.1	1018.7	1018.7
20°	1203.8	1181.4	1135.4	1085.9	1048.1	1021.0	1005.7	999.8	1004.5	1009.2	1009.2
22.5°	1214.4	1187.2	1130.7	1074.1	1029.3	1002.1	989.2	984.5	989.2	995.1	992.7
25°	1230.9	1197.9	1127.1	1063.5	1011.6	982.1	969.1	964.4	966.8	971.5	971.5
27.5°	1249.7	1210.8	1125.9	1050.5	990.4	958.5	943.2	936.1	936.1	937.3	938.5
30°	1281.6	1233.2	1130.7	1041.1	971.5	933.8	913.7	903.1	901.9	906.6	906.6
32.5°	1319.3	1263.9	1142.4	1032.8	952.6	904.3	877.2	868.9	866.6	870.1	866.6
35°	1361.7	1298.1	1157.8	1031.6	933.8	872.5	841.8	832.4	825.3	822.9	820.6
37.5°	1421.9	1345.2	1173.1	1025.7	914.9	838.3	805.3	785.2	777.0	774.6	774.6
40°	1480.8	1391.2	1192.0	1016.3	892.5	804.1	756.9	734.5	731.0	731.0	731.0
42.5°	1555.1	1451.3	1217.9	1010.4	865.4	769.9	705.0	679.1	679.1	679.1	677.9
45°	1647.1	1530.3	1250.9	1008.0	839.4	728.6	649.6	615.4	614.3	613.1	611.9
47.5°	1754.3	1612.9	1282.7	1002.1	808.8	679.1	586.0	548.2	540.0	537.6	534.1
50°	1865.2	1702.5	1316.9	993.9	772.2	621.3	525.8	482.2	464.5	458.6	461.0
52.5°	1983.1	1789.7	1349.9	982.1	728.6	563.6	464.5	418.5	400.9	393.8	392.6
55°	2098.6	1878.1	1380.6	966.8	681.5	504.6	412.6	367.8	352.5	350.2	350.2
57.5°	2215.3	1963.0	1404.2	944.4	629.6	452.7	367.8	331.3	320.7	325.4	325.4
60°	2321.4	2037.3	1416.0	913.7	577.7	405.6	332.5	305.4	300.6	312.4	311.3
62.5°	2416.9	2086.8	1410.1	868.9	527.0	365.5	305.4	285.3	286.5	300.6	301.8
65°	2462.9	2095.1	1375.9	807.6	470.4	331.3	277.1	258.2	260.6	275.9	279.4
67°	2452.3	2063.2	1319.3	738.1	424.4	305.4	259.4	240.5	241.7	254.7	255.8
67.5°	2440.5	2047.9	1304.0	716.8	412.6	300.6	254.7	237.0	239.3	251.1	251.1
70°	2283.7	1892.3	1162.5	608.4	357.2	267.6	232.3	220.5	222.8	229.9	229.9
72.5°	1996.0	1638.8	940.8	488.1	303.0	237.0	209.9	202.8	202.8	202.8	196.9
75°	1273.3	1026.9	615.4	373.7	249.9	202.8	188.6	180.4	175.7	182.7	180.4
77.5°	703.9	536.4	320.7	214.6	180.4	168.6	163.9	160.3	159.2	175.7	171.0
80°	333.7	265.3	180.4	122.6	103.8	125.0	141.5	139.1	166.2	227.5	228.7
82.5°	106.1	87.2	73.1	67.2	69.6	89.6	109.6	126.2	215.8	244.1	240.5
85°	13.0	11.8	8.3	27.1	46.0	66.0	84.9	163.9	198.1	165.1	155.6
87.5°	4.7	4.7	4.7	18.9	35.4	50.7	76.6	165.1	121.4	110.8	101.4
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)