

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: P1211770

Luminaire Tested: **GKO-PB2B-735-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211770
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-T4W
Description: GEKKO WALL PACK 6000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

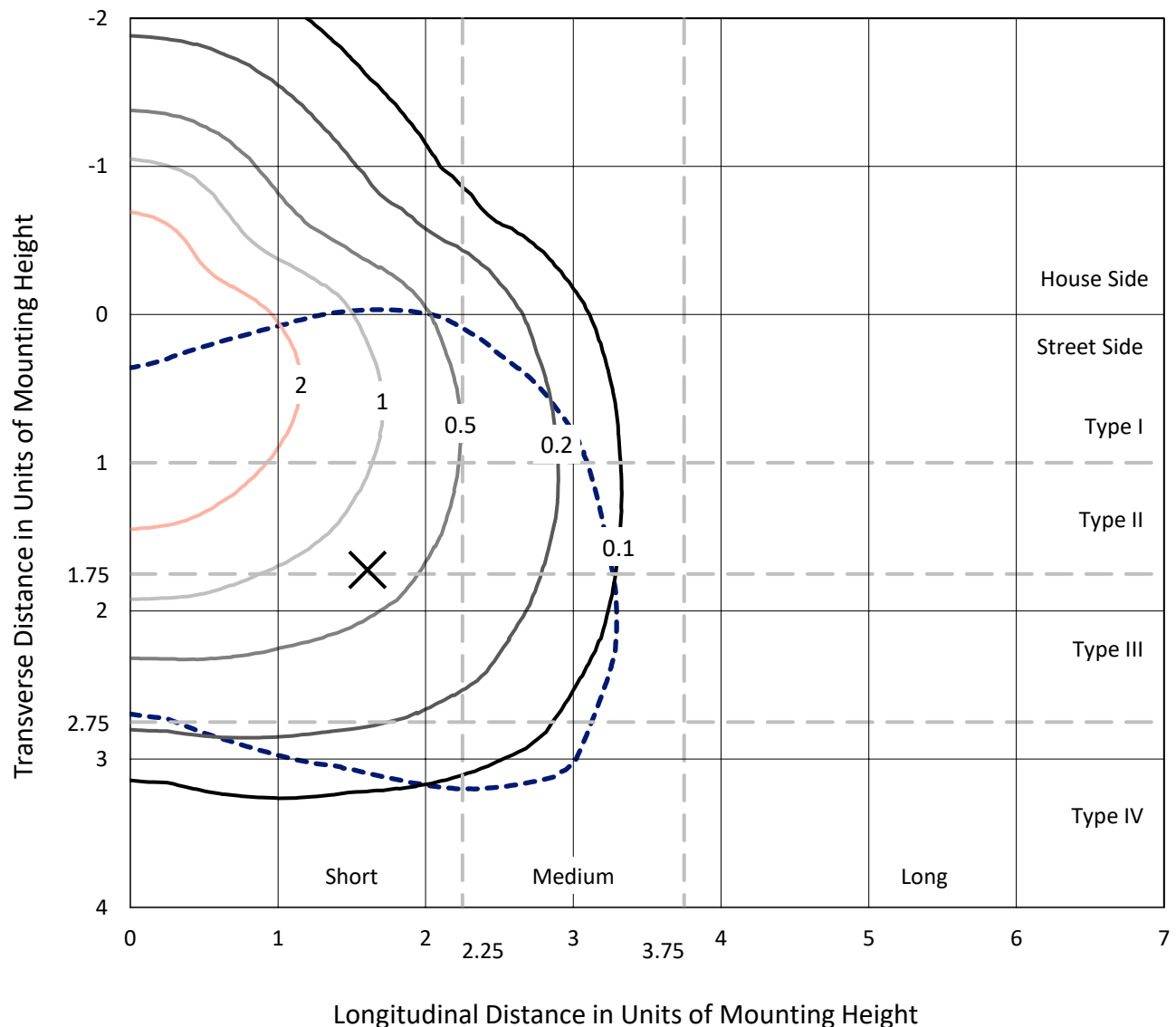
Lumens per Lamp: N/A
Luminaire Lumens: 5889.2 lumens
Efficiency: N/A
Efficacy: 140.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

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

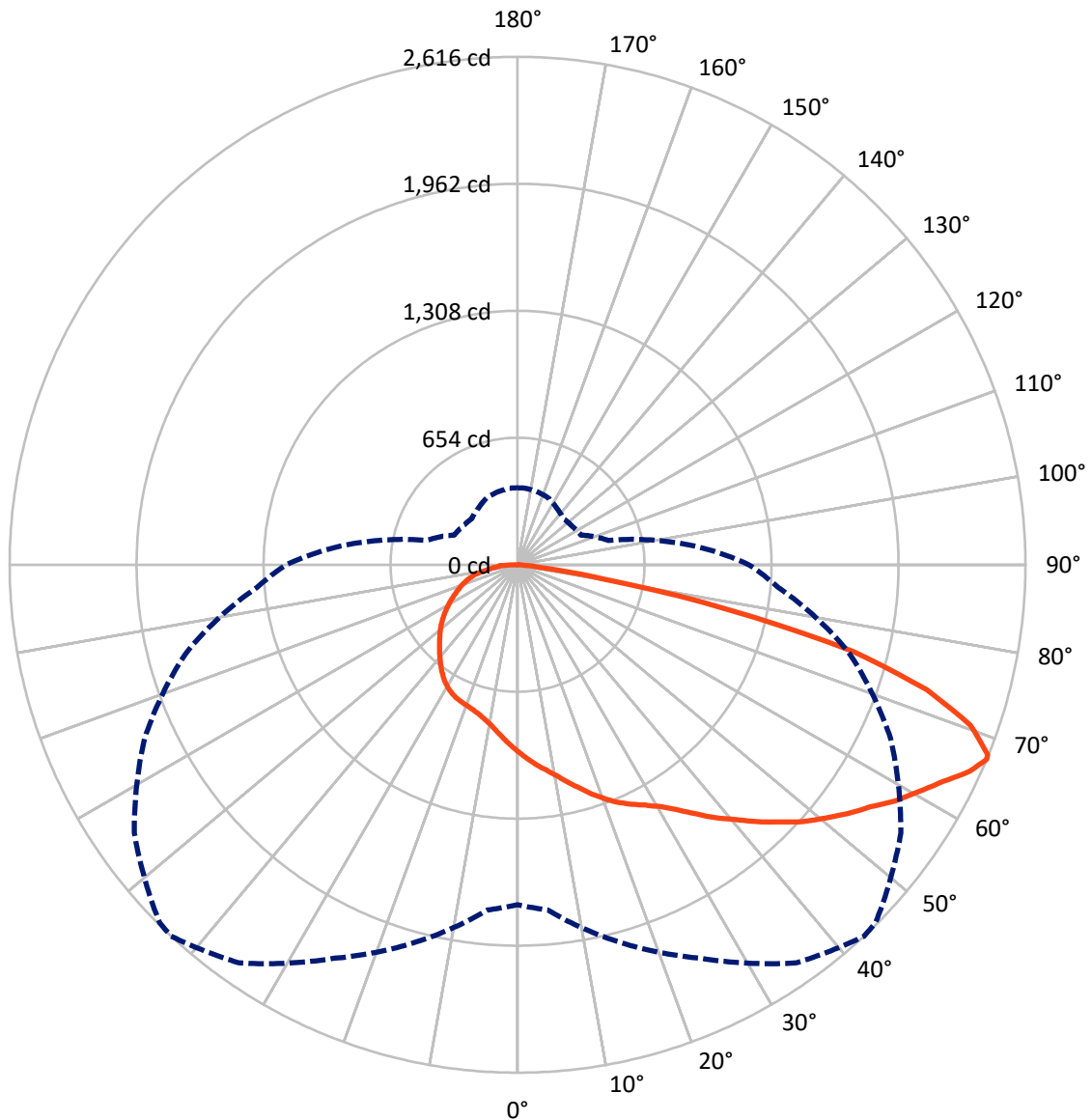
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 43-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1584.0	0.0	1584.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4305.2	0.0	4305.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	5889.2	0.0	5889.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	1.6
10°-20°	284.0	4.8
20°-30°	491.7	8.3
30°-40°	729.6	12.4
40°-50°	991.2	16.8
50°-60°	1216.8	20.7
60°-70°	1282.4	21.8
70°-80°	707.9	12.0
80°-90°	93.3	1.6
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°	5889.2	100.0
0°-180°	5889.2	100.0

Coefficient of Utilization



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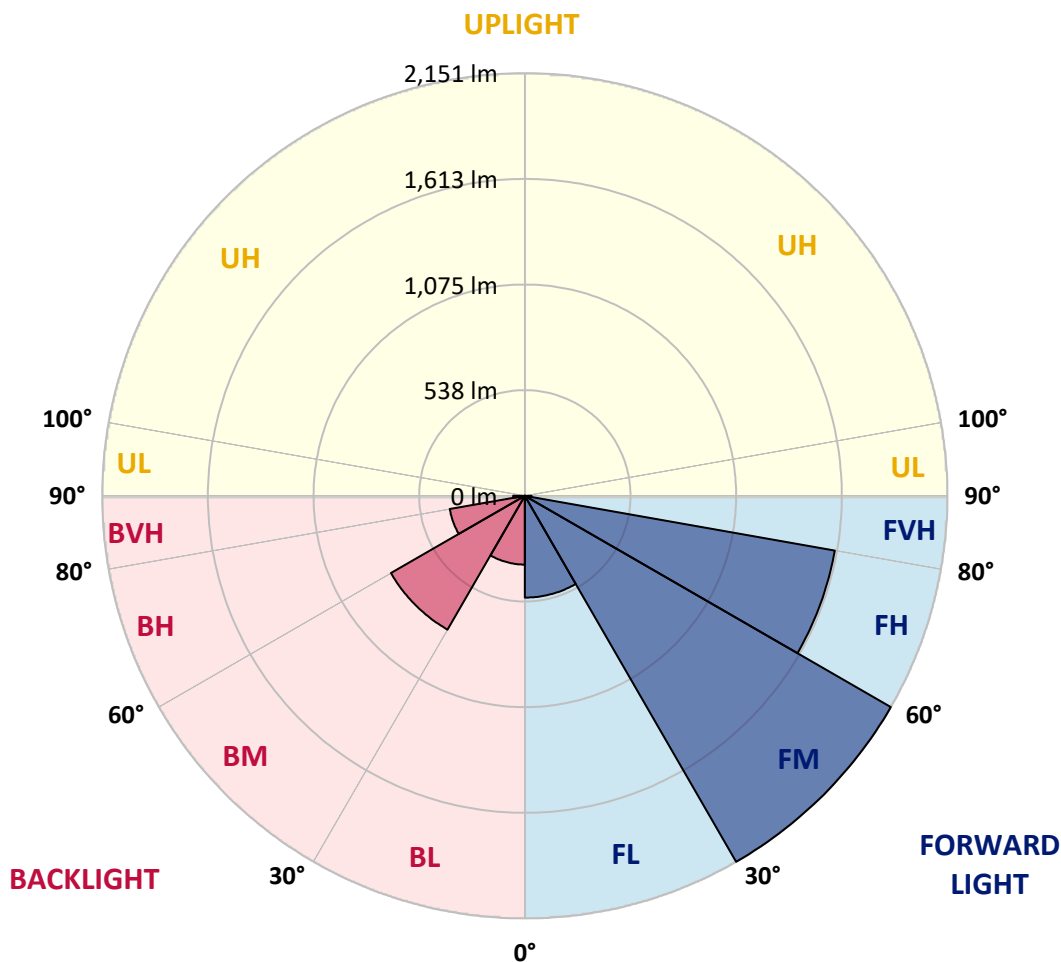
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	518.1	8.8			
FM	(30°-60°)	2150.9	36.5			
FH	(60°-80°)	1602.1	27.2			G1/1800
FVH	(80°-90°)	34.1	0.6			G1/100
BL	(0°-30°)	349.9	5.9	B1/500		
BM	(30°-60°)	786.7	13.4	B1/1000		
BH	(60°-80°)	388.2	6.6	B1/500		G1/500
BVH	(80°-90°)	59.2	1.0			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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6
2.5°	1011.4	1013.8	1011.4	1009.1	1004.3	1002.0	999.6	993.7	986.7	976.0	967.8
5°	1056.2	1056.2	1052.7	1050.3	1043.2	1036.2	1032.6	1018.5	1003.2	985.5	969.0
7.5°	1097.5	1102.2	1096.3	1090.4	1079.8	1068.0	1065.6	1044.4	1023.2	999.6	974.9
10°	1149.3	1152.9	1144.6	1139.9	1119.9	1104.5	1099.8	1073.9	1045.6	1016.1	984.3
12.5°	1202.4	1204.7	1198.8	1188.2	1167.0	1148.2	1141.1	1106.9	1070.3	1035.0	994.9
15°	1248.3	1250.7	1248.3	1236.6	1216.5	1192.9	1183.5	1145.8	1101.0	1055.0	1007.9
17.5°	1282.5	1287.2	1287.2	1281.4	1263.7	1241.3	1235.4	1188.2	1136.4	1078.6	1023.2
20°	1312.0	1314.4	1319.1	1315.5	1306.1	1287.2	1279.0	1234.2	1171.7	1105.7	1038.5
22.5°	1335.6	1337.9	1346.2	1345.0	1339.1	1329.7	1321.4	1280.2	1213.0	1132.8	1052.7
25°	1376.8	1375.7	1380.4	1376.8	1369.8	1366.2	1361.5	1325.0	1254.2	1164.7	1071.5
27.5°	1448.7	1446.4	1441.7	1424.0	1406.3	1401.6	1398.1	1372.1	1302.6	1201.2	1092.7
30°	1554.8	1557.2	1534.8	1494.7	1459.4	1445.2	1440.5	1422.8	1356.8	1243.6	1116.3
32.5°	1681.0	1679.8	1643.2	1586.7	1531.3	1503.0	1493.5	1474.7	1411.0	1286.1	1143.4
35°	1771.7	1769.4	1750.5	1699.8	1642.1	1574.9	1557.2	1527.7	1468.8	1334.4	1170.5
37.5°	1894.3	1890.8	1854.3	1801.2	1749.3	1652.7	1632.6	1592.6	1524.2	1381.6	1201.2
40°	2034.6	2012.2	1952.1	1897.9	1827.1	1724.6	1708.1	1656.2	1587.8	1439.3	1236.6
42.5°	2161.9	2128.9	2051.1	1982.7	1894.3	1809.5	1788.2	1726.9	1649.1	1492.4	1273.1
45°	2352.9	2272.7	2160.7	2120.7	1967.4	1889.6	1871.9	1796.5	1716.3	1550.1	1309.6
47.5°	2329.3	2272.7	2236.2	2231.5	2044.0	1976.8	1950.9	1873.1	1788.2	1611.4	1347.4
50°	2375.3	2330.5	2332.8	2275.1	2113.6	2051.1	2032.3	1953.3	1861.3	1671.5	1387.4
52.5°	2365.9	2378.8	2371.7	2282.2	2180.8	2128.9	2114.8	2035.8	1930.9	1729.3	1422.8
55°	2441.3	2434.2	2418.9	2330.5	2255.0	2202.0	2190.2	2121.8	2001.6	1778.8	1453.5
57.5°	2496.7	2460.2	2459.0	2384.7	2337.6	2293.9	2275.1	2210.2	2067.6	1822.4	1477.0
60°	2462.5	2418.9	2450.7	2393.0	2388.2	2371.7	2361.1	2288.0	2126.6	1855.4	1486.5
62.5°	2279.8	2290.4	2384.7	2381.2	2443.7	2459.0	2447.2	2342.3	2165.5	1867.2	1479.4
65°	2038.1	2070.0	2215.0	2338.7	2508.5	2561.5	2549.7	2381.2	2161.9	1840.1	1432.2
67°	1750.5	1784.7	2011.0	2236.2	2502.6	2615.8	2607.5	2409.5	2119.5	1770.6	1347.4
67.5°	1686.9	1725.8	1952.1	2189.0	2481.4	2611.0	2605.1	2411.8	2105.3	1737.6	1314.4
70°	1241.3	1287.2	1606.7	1923.8	2311.6	2474.3	2473.1	2323.4	1959.2	1558.4	1139.9
72.5°	773.3	814.6	1145.8	1500.6	2002.8	2203.2	2194.9	2024.0	1686.9	1271.9	899.4
75°	473.9	499.8	721.4	978.4	1452.3	1783.5	1795.3	1581.9	1150.5	755.6	508.1
77.5°	290.0	318.3	455.0	603.5	887.6	1109.3	1111.6	877.0	590.6	411.4	278.2
80°	161.5	168.6	236.9	315.9	455.0	457.4	438.5	386.6	306.5	198.0	142.6
82.5°	63.7	68.4	102.6	127.3	129.7	135.6	126.1	114.3	96.7	63.7	44.8
85°	0.0	0.0	0.0	2.4	8.3	16.5	16.5	11.8	4.7	3.5	3.5
87.5°	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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°	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6	966.6
2.5°	965.4	964.3	956.0	946.6	939.5	933.6	927.7	920.6	920.6	923.0	921.8
5°	963.1	957.2	941.9	925.4	912.4	900.6	890.0	880.6	879.4	880.6	881.7
7.5°	964.3	953.6	930.1	905.3	884.1	868.8	853.5	846.4	845.2	845.2	845.2
10°	969.0	953.6	921.8	887.6	861.7	839.3	822.8	815.7	816.9	818.1	819.3
12.5°	977.2	956.0	915.9	872.3	839.3	816.9	800.4	794.5	799.2	805.1	806.3
15°	985.5	960.7	910.0	859.3	821.6	796.9	785.1	783.9	792.2	802.8	805.1
17.5°	994.9	964.3	903.0	842.8	802.8	782.7	776.8	780.4	793.3	809.8	813.4
20°	1004.3	969.0	894.7	827.5	785.1	770.9	774.5	785.1	801.6	821.6	825.2
22.5°	1013.8	972.5	884.1	808.7	766.2	761.5	774.5	792.2	808.7	831.1	835.8
25°	1024.4	977.2	871.1	785.1	747.4	750.9	773.3	794.5	812.2	835.8	841.7
27.5°	1040.9	984.3	858.2	763.9	726.1	737.9	767.4	793.3	812.2	834.6	841.7
30°	1057.4	991.4	847.6	741.5	704.9	720.2	755.6	787.4	806.3	826.3	835.8
32.5°	1076.2	1000.8	838.1	719.1	681.3	700.2	739.1	774.5	796.9	814.6	824.0
35°	1096.3	1014.9	831.1	699.0	657.8	674.3	714.4	758.0	780.4	796.9	805.1
37.5°	1122.2	1030.3	826.3	679.0	633.0	647.2	688.4	734.4	760.3	773.3	783.9
40°	1150.5	1052.7	826.3	662.5	609.4	618.9	661.3	710.8	736.7	747.4	758.0
42.5°	1178.8	1075.1	825.2	646.0	584.7	591.8	634.2	684.9	709.6	717.9	726.1
45°	1211.8	1101.0	824.0	627.1	557.6	564.6	608.3	658.9	682.5	689.6	696.7
47.5°	1247.2	1126.9	819.3	603.5	532.8	538.7	582.3	629.5	653.1	661.3	668.4
50°	1279.0	1151.7	807.5	576.4	510.4	516.3	555.2	594.1	615.3	624.8	631.8
52.5°	1307.3	1169.4	788.6	545.8	485.7	492.7	522.2	556.4	572.9	580.0	584.7
55°	1329.7	1178.8	758.0	516.3	462.1	465.6	489.2	519.9	532.8	534.0	537.5
57.5°	1345.0	1177.6	716.7	482.1	438.5	439.7	456.2	483.3	492.7	491.6	493.9
60°	1348.5	1162.3	667.2	450.3	414.9	411.4	427.9	446.8	452.7	457.4	463.3
62.5°	1334.4	1125.8	610.6	418.5	391.4	385.5	397.3	413.8	423.2	425.5	427.9
65°	1282.5	1058.6	542.2	385.5	367.8	357.2	370.1	393.7	409.0	413.8	412.6
67°	1191.8	964.3	483.3	360.7	344.2	334.8	353.6	378.4	389.0	396.1	396.1
67.5°	1162.3	930.1	463.3	352.5	338.3	330.1	347.7	371.3	385.5	393.7	393.7
70°	986.7	762.7	391.4	311.2	304.1	305.3	326.5	352.5	370.1	378.4	378.4
72.5°	752.1	590.6	318.3	271.1	268.8	277.0	304.1	327.7	350.1	364.2	363.1
75°	426.7	340.7	232.2	221.6	231.0	247.5	281.7	307.7	327.7	341.9	340.7
77.5°	248.7	205.1	160.3	152.1	179.2	216.9	252.3	285.3	299.4	304.1	300.6
80°	126.1	107.3	100.2	103.7	120.2	161.5	220.4	259.3	269.9	273.5	269.9
82.5°	40.1	36.5	40.1	53.0	80.2	127.3	178.0	234.6	247.5	247.5	246.4
85°	2.4	2.4	2.4	23.6	55.4	94.3	139.1	205.1	232.2	229.9	226.3
87.5°	1.2	1.2	1.2	15.3	43.6	79.0	122.6	186.3	221.6	205.1	193.3
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)