

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: P1211849

Luminaire Tested: **GKO-PB2C-830-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211849
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-830-U-T3
Description: GEKKO WALL PACK 8000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

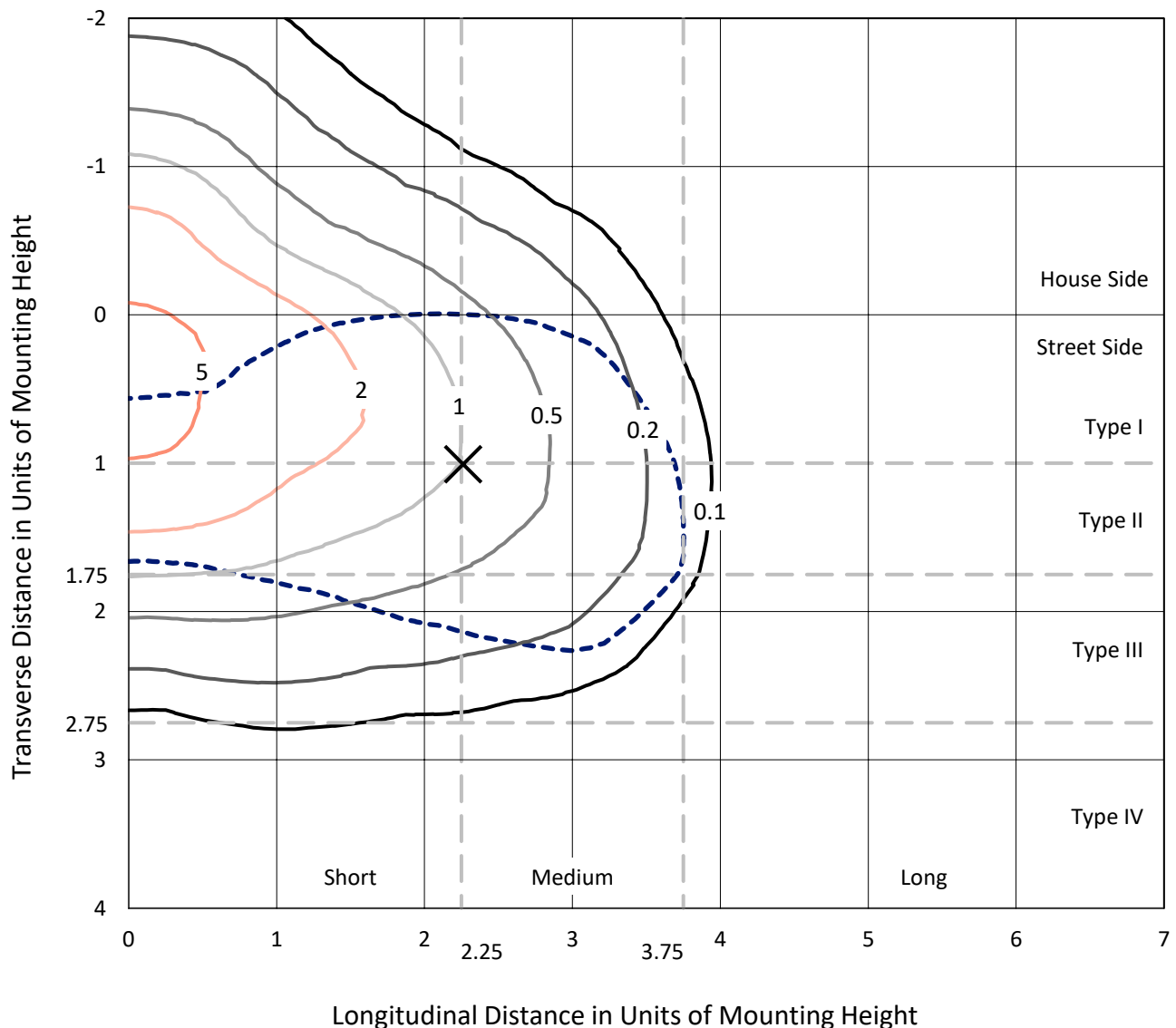
Lumens per Lamp: N/A
Luminaire Lumens: 7297 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 58.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
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

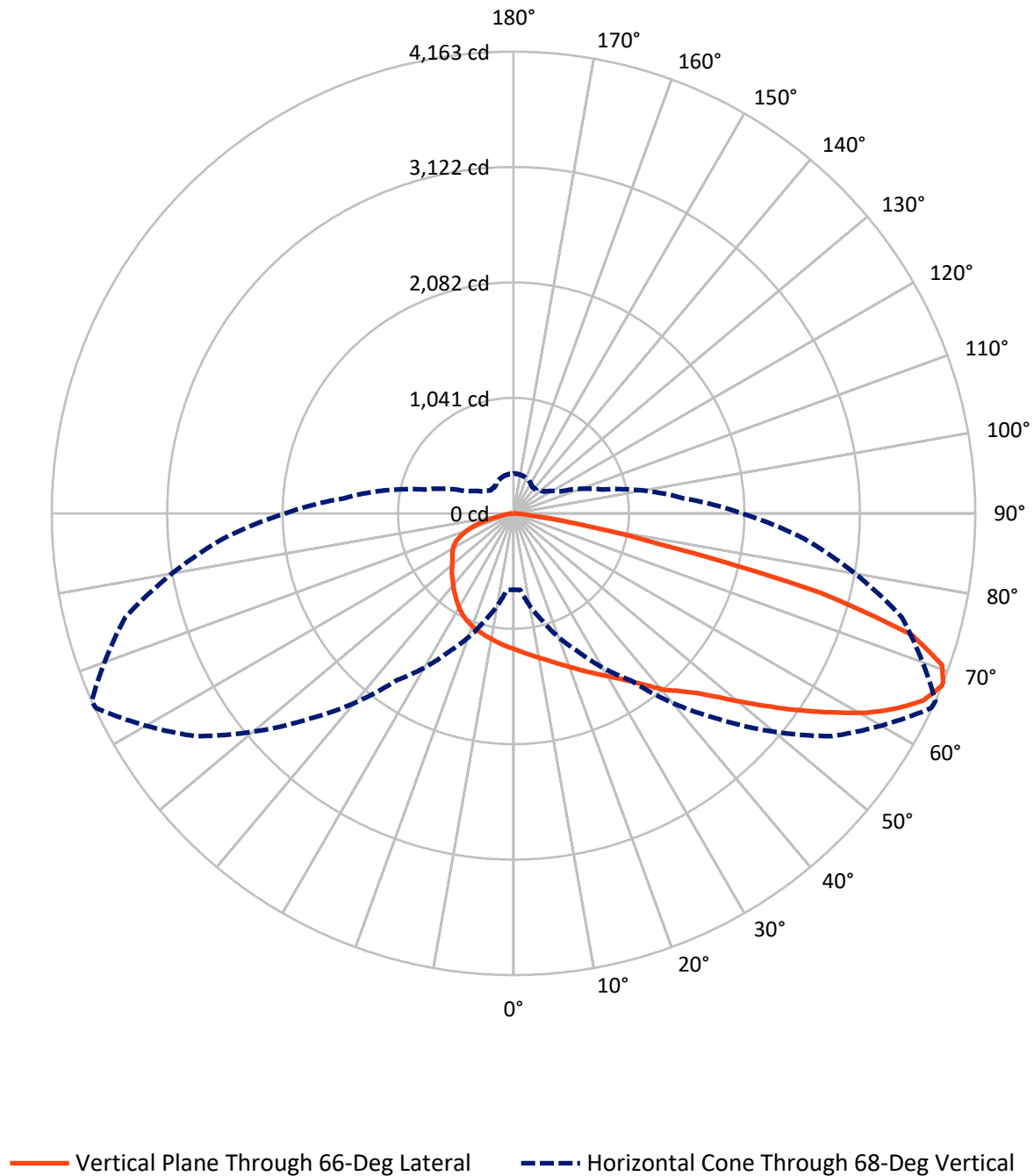
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.3 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	1868.1	0.0	1868.1
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	5428.9	0.0	5428.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	7297.0	0.0	7297.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.4	1.6
10°-20°	352.9	4.8
20°-30°	608.2	8.3
30°-40°	943.4	12.9
40°-50°	1292.4	17.7
50°-60°	1541.6	21.1
60°-70°	1544.8	21.2
70°-80°	817.5	11.2
80°-90°	78.9	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°	7297.0	100.0
0°-180°	7297.0	100.0



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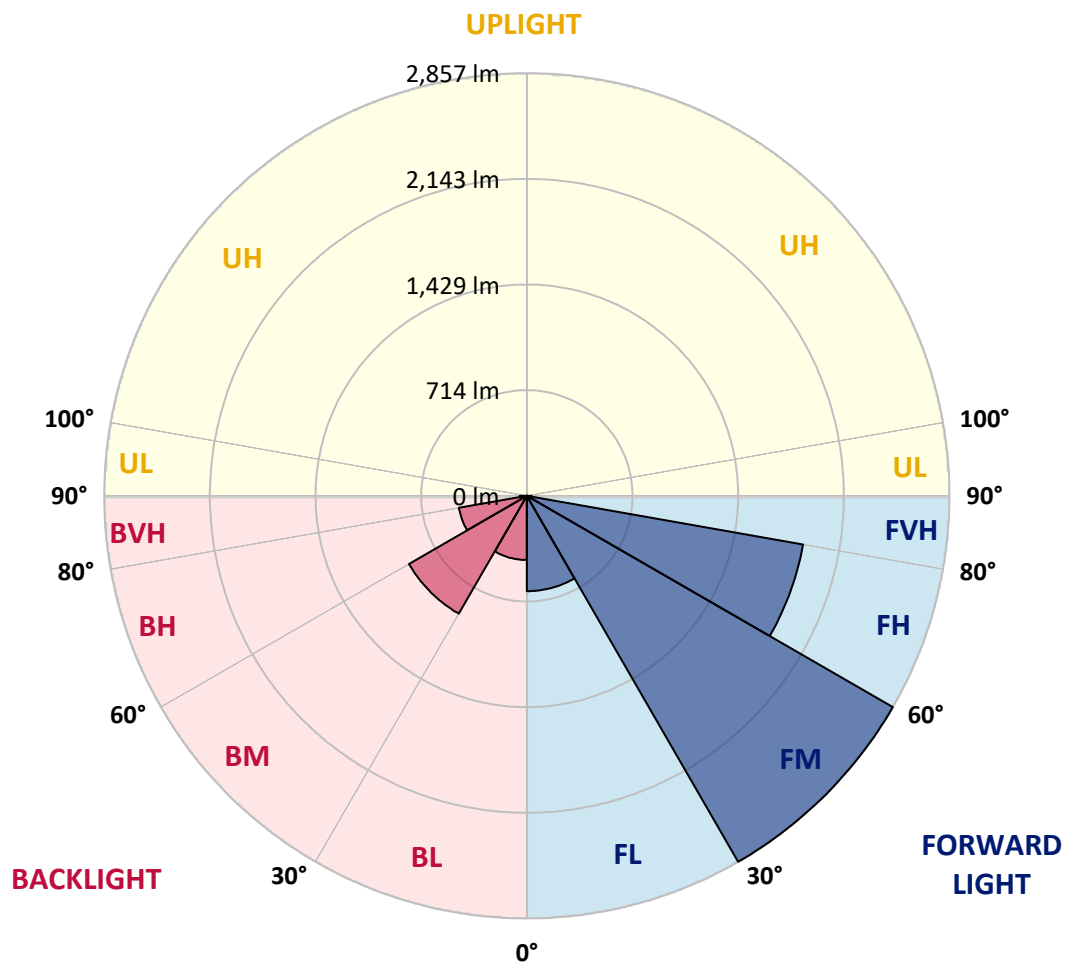
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	644.5	8.8			
FM	(30°-60°)	2857.1	39.2			
FH	(60°-80°)	1896.2	26.0			G2/5000
FVH	(80°-90°)	31.0	0.4			G1/100
BL	(0°-30°)	433.9	5.9	B1/500		
BM	(30°-60°)	920.2	12.6	B1/1000		
BH	(60°-80°)	466.1	6.4	B1/500		G1/500
BVH	(80°-90°)	47.9	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-G2

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9
2.5°	1274.9	1274.9	1272.0	1270.6	1269.2	1260.7	1255.0	1247.9	1247.9	1236.6	1226.7
5°	1318.8	1320.2	1314.5	1314.5	1308.9	1297.5	1286.2	1272.0	1272.0	1255.0	1235.2
7.5°	1357.0	1361.3	1355.6	1355.6	1349.9	1337.2	1318.8	1298.9	1298.9	1274.9	1246.5
10°	1393.8	1396.7	1393.8	1396.7	1388.2	1376.9	1355.6	1328.7	1327.3	1297.5	1257.9
12.5°	1423.6	1426.4	1427.8	1432.1	1425.0	1416.5	1396.7	1362.7	1358.4	1323.0	1272.0
15°	1451.9	1454.8	1459.0	1464.7	1463.3	1456.2	1437.8	1399.5	1396.7	1351.4	1290.4
17.5°	1474.6	1476.0	1484.5	1495.8	1498.7	1500.1	1480.3	1440.6	1437.8	1383.9	1310.3
20°	1507.2	1510.0	1518.5	1529.8	1538.3	1544.0	1528.4	1484.5	1481.7	1422.2	1335.8
22.5°	1580.8	1576.6	1580.8	1580.8	1585.1	1593.6	1582.2	1538.3	1532.7	1467.5	1366.9
25°	1719.6	1715.4	1704.1	1678.6	1650.2	1648.8	1636.1	1593.6	1586.5	1514.3	1396.7
27.5°	1913.7	1903.8	1882.5	1828.7	1760.7	1716.8	1697.0	1653.1	1644.6	1561.0	1425.0
30°	2119.1	2130.4	2095.0	2021.4	1896.7	1803.2	1765.0	1715.4	1708.3	1613.4	1459.0
32.5°	2358.5	2359.9	2324.5	2222.5	2061.0	1912.3	1847.1	1786.2	1780.6	1674.3	1504.3
35°	2497.3	2503.0	2487.4	2392.5	2208.3	2032.7	1946.3	1872.6	1868.4	1750.8	1561.0
37.5°	2641.8	2654.5	2630.5	2525.6	2320.2	2144.6	2056.8	1976.0	1971.8	1838.6	1631.8
40°	2855.7	2850.0	2824.5	2670.1	2425.1	2238.1	2165.8	2102.1	2092.2	1946.3	1704.1
42.5°	3010.1	3024.3	2969.0	2794.8	2539.8	2331.6	2274.9	2202.7	2189.9	2011.4	1746.6
45°	3062.5	3049.8	2988.8	2861.4	2690.0	2416.6	2378.3	2323.1	2310.3	2126.2	1830.1
47.5°	3073.8	3051.2	2997.3	2901.0	2817.4	2527.1	2504.4	2491.6	2473.2	2270.7	1930.7
50°	3004.4	2988.8	2963.3	2915.2	2899.6	2630.5	2641.8	2688.5	2673.0	2426.5	2042.6
52.5°	2847.2	2840.1	2862.8	2893.9	2852.9	2719.7	2804.7	2899.6	2893.9	2597.9	2163.0
55°	2551.1	2551.1	2678.6	2787.7	2811.8	2777.8	2980.3	3143.2	3136.2	2790.5	2277.8
57.5°	2280.6	2284.8	2391.1	2636.1	2738.1	2840.1	3175.8	3398.2	3386.9	3007.3	2398.2
60°	1939.2	1939.2	2100.7	2408.1	2631.9	2888.3	3348.6	3644.7	3651.8	3216.9	2517.1
62.5°	1535.5	1539.8	1763.6	2124.8	2478.9	2896.8	3486.0	3877.0	3875.6	3406.7	2609.2
65°	1131.8	1133.2	1437.8	1810.3	2249.4	2837.3	3561.1	4055.5	4064.0	3556.9	2663.0
67.5°	735.2	749.3	1058.1	1468.9	1925.0	2668.7	3521.5	4150.4	4160.3	3626.3	2646.0
68°	688.4	691.3	1001.5	1375.4	1837.2	2626.2	3503.0	4154.6	4163.1	3624.9	2629.0
70°	446.2	446.2	716.8	1073.7	1466.1	2361.3	3343.0	4088.1	4098.0	3562.5	2505.8
72.5°	240.8	245.1	409.4	650.2	1001.5	1827.3	3017.2	3741.0	3758.0	3221.2	2191.3
75°	168.6	171.4	238.0	364.0	545.4	1189.9	2358.5	2858.5	2855.7	2225.3	1372.6
77.5°	121.8	121.8	136.0	226.6	286.1	543.9	1167.2	1376.9	1361.3	1086.5	692.7
80°	79.3	79.3	85.0	119.0	137.4	165.7	357.0	596.4	607.7	529.8	345.6
82.5°	32.6	34.0	36.8	48.2	49.6	69.4	102.0	171.4	165.7	134.6	97.7
85°	4.2	4.2	5.7	7.1	8.5	15.6	14.2	14.2	14.2	17.0	15.6
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.2	4.2	5.7	4.2
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°	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9
2.5°	1223.9	1223.9	1215.4	1206.9	1198.4	1191.3	1181.4	1174.3	1175.7	1180.0	1178.5
5°	1231.0	1223.9	1206.9	1188.5	1174.3	1161.5	1143.1	1133.2	1131.8	1134.6	1133.2
7.5°	1235.2	1223.9	1198.4	1170.0	1147.4	1130.4	1104.9	1095.0	1090.7	1092.1	1092.1
10°	1243.7	1225.3	1189.9	1150.2	1121.9	1097.8	1070.9	1056.7	1052.5	1052.5	1051.1
12.5°	1253.6	1228.1	1181.4	1133.2	1096.4	1068.1	1036.9	1021.3	1017.1	1017.1	1015.6
15°	1263.5	1232.4	1172.9	1114.8	1072.3	1038.3	1008.6	990.1	984.5	984.5	987.3
17.5°	1276.3	1236.6	1164.4	1097.8	1046.8	1008.6	977.4	959.0	951.9	956.1	959.0
20°	1289.0	1245.1	1155.9	1079.4	1021.3	981.6	950.5	932.1	925.0	932.1	933.5
22.5°	1307.4	1252.2	1146.0	1058.1	995.8	951.9	923.6	906.6	902.3	909.4	915.1
25°	1325.9	1260.7	1133.2	1035.5	963.2	920.7	898.1	885.3	886.7	896.7	902.3
27.5°	1345.7	1267.8	1120.5	1007.1	927.8	888.2	871.2	868.3	874.0	885.3	892.4
30°	1369.8	1277.7	1103.5	974.6	888.2	852.7	845.7	854.2	864.1	875.4	882.5
32.5°	1400.9	1290.4	1086.5	937.7	847.1	814.5	825.8	844.2	855.6	866.9	874.0
35°	1444.8	1315.9	1076.6	900.9	803.2	781.9	807.4	837.2	845.7	852.7	861.2
37.5°	1495.8	1349.9	1072.3	866.9	763.5	753.6	789.0	824.4	827.2	830.1	838.6
40°	1545.4	1375.4	1061.0	830.1	722.4	722.4	766.3	800.3	798.9	794.7	800.3
42.5°	1565.2	1372.6	1028.4	794.7	689.8	691.3	730.9	763.5	755.0	755.0	763.5
45°	1621.9	1395.3	1004.3	766.3	660.1	654.4	685.6	711.1	725.3	743.7	752.2
47.5°	1694.2	1426.4	985.9	733.8	631.8	613.4	630.3	672.8	696.9	716.8	723.8
50°	1769.2	1461.8	968.9	699.8	603.4	566.6	575.1	621.8	643.1	653.0	657.3
52.5°	1845.7	1494.4	956.1	671.4	570.9	511.4	529.8	573.7	589.3	594.9	597.8
55°	1913.7	1521.3	944.8	647.3	534.0	467.4	481.6	526.9	538.3	543.9	548.2
57.5°	1986.0	1551.1	937.7	624.7	492.9	429.2	439.1	480.2	495.8	501.4	505.7
60°	2049.7	1579.4	932.1	600.6	454.7	395.2	400.9	440.5	457.5	460.4	464.6
62.5°	2092.2	1597.8	923.6	570.9	419.3	362.6	364.0	402.3	420.7	423.5	426.4
65°	2103.5	1593.6	898.1	531.2	383.9	330.0	330.0	366.9	386.7	396.6	400.9
67.5°	2069.5	1558.2	844.2	480.2	349.9	300.3	300.3	332.9	354.1	365.5	369.7
68°	2058.2	1542.6	827.2	467.4	341.4	293.2	293.2	327.2	347.0	357.0	359.8
70°	1961.9	1466.1	749.3	419.3	314.5	272.0	272.0	301.7	323.0	323.0	321.5
72.5°	1704.1	1270.6	616.2	351.3	274.8	240.8	245.1	273.4	280.5	287.6	286.1
75°	1055.3	760.7	413.6	277.6	230.9	211.1	219.6	245.1	249.3	264.9	260.6
77.5°	528.4	372.5	219.6	161.5	178.5	181.3	196.9	215.3	228.1	245.1	233.7
80°	260.6	181.3	128.9	100.6	104.8	133.2	171.4	185.6	208.2	219.6	209.6
82.5°	72.2	55.2	52.4	55.2	77.9	103.4	134.6	164.3	194.1	204.0	189.8
85°	12.7	9.9	8.5	26.9	53.8	76.5	109.1	145.9	174.2	167.1	157.2
87.5°	4.2	2.8	2.8	17.0	39.7	62.3	93.5	130.3	148.7	134.6	120.4
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)