

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: P1211829

Luminaire Tested: **GKO-PB2C-735-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211829
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-735-U-T3
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

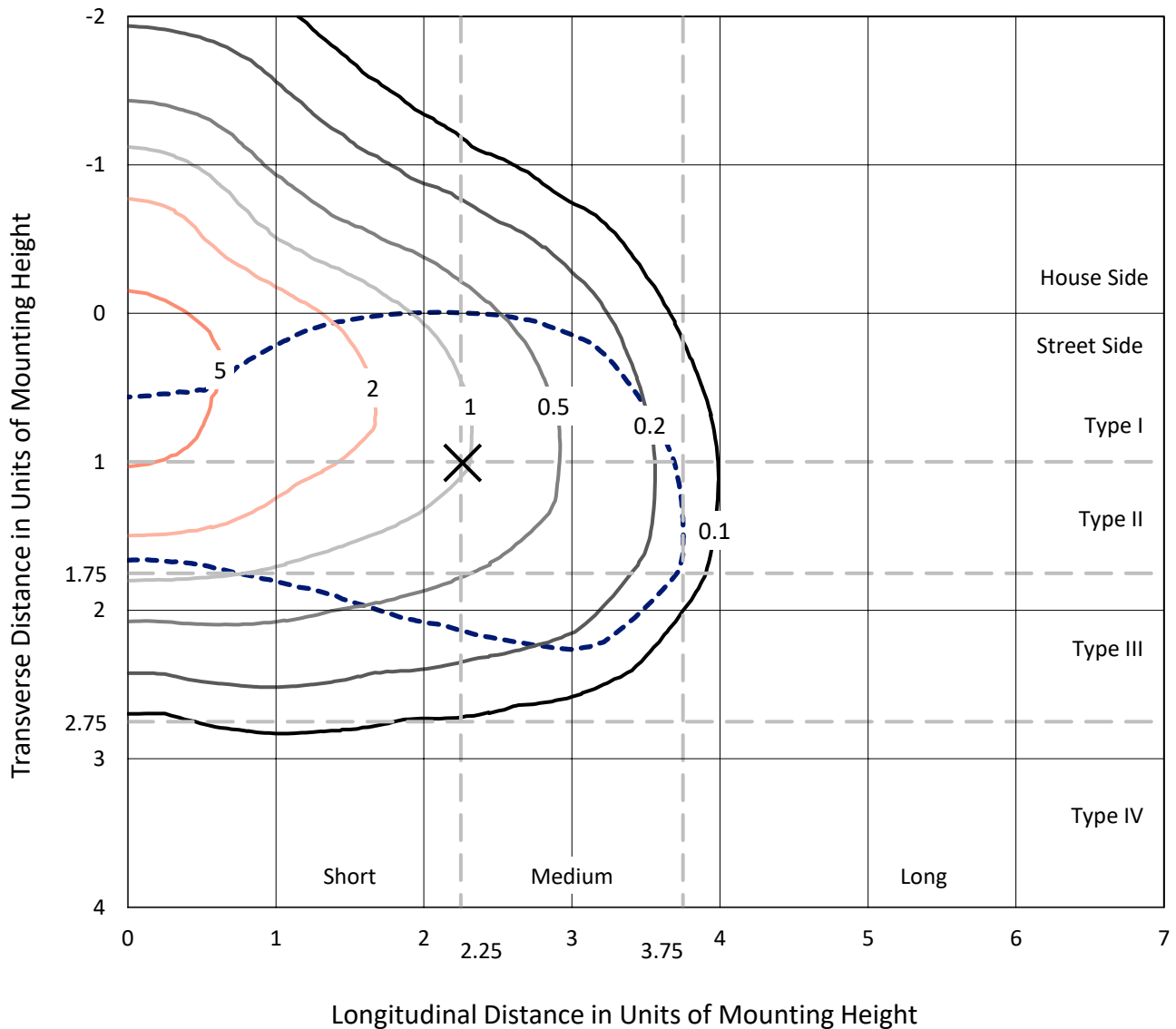
Lumens per Lamp: N/A
Luminaire Lumens: 7927.6 lumens
Efficiency: N/A
Efficacy: 136.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

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

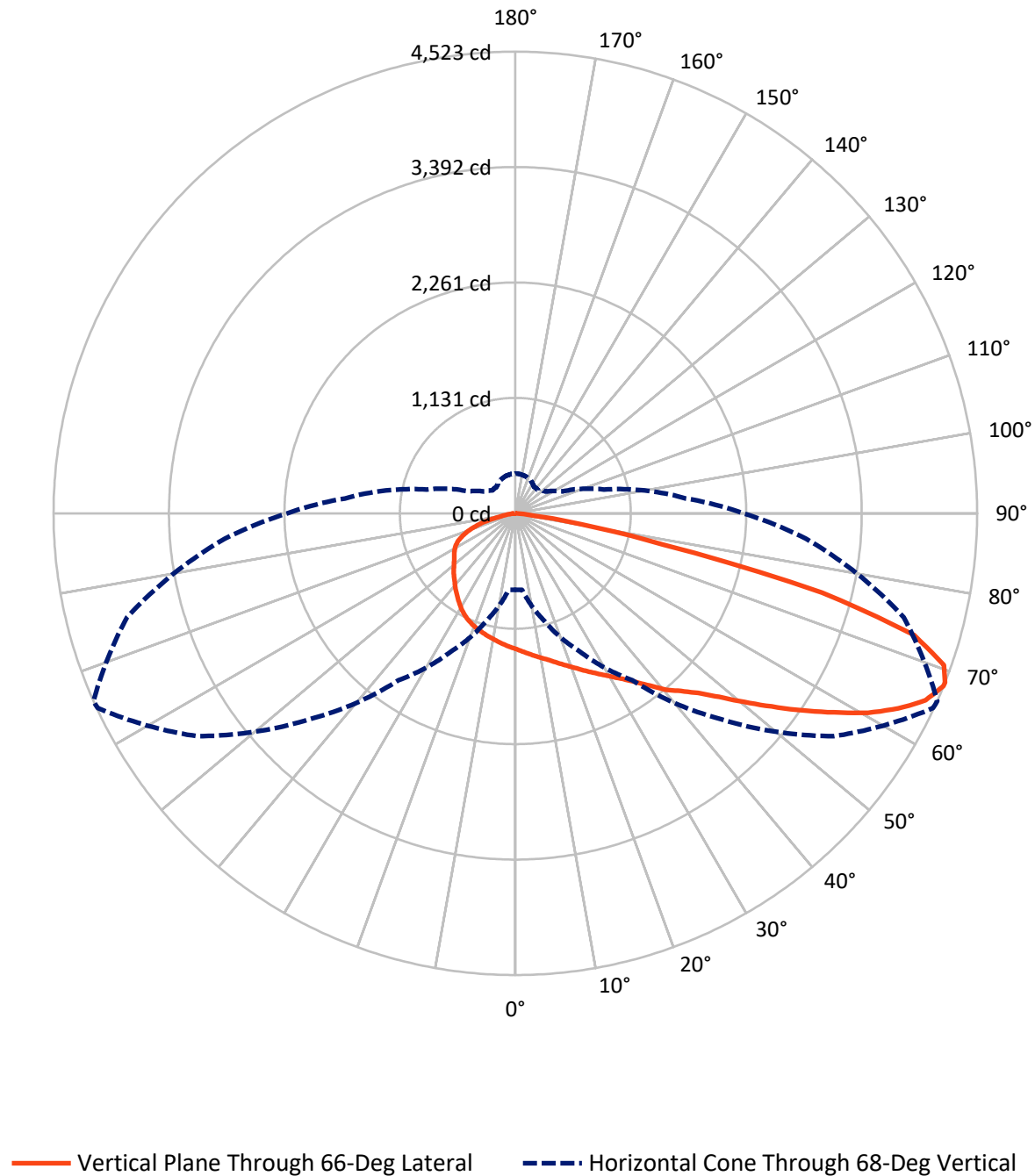
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.8 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	2029.6	0.0	2029.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	5898.0	0.0	5898.0
	% Fixture	74.4	0.0	74.4
Total	Lumens	7927.6	0.0	7927.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.5	1.6
10°-20°	383.4	4.8
20°-30°	660.7	8.3
30°-40°	1024.9	12.9
40°-50°	1404.1	17.7
50°-60°	1674.9	21.1
60°-70°	1678.3	21.2
70°-80°	888.1	11.2
80°-90°	85.7	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°	7927.6	100.0
0°-180°	7927.6	100.0

Coefficient of Utilization



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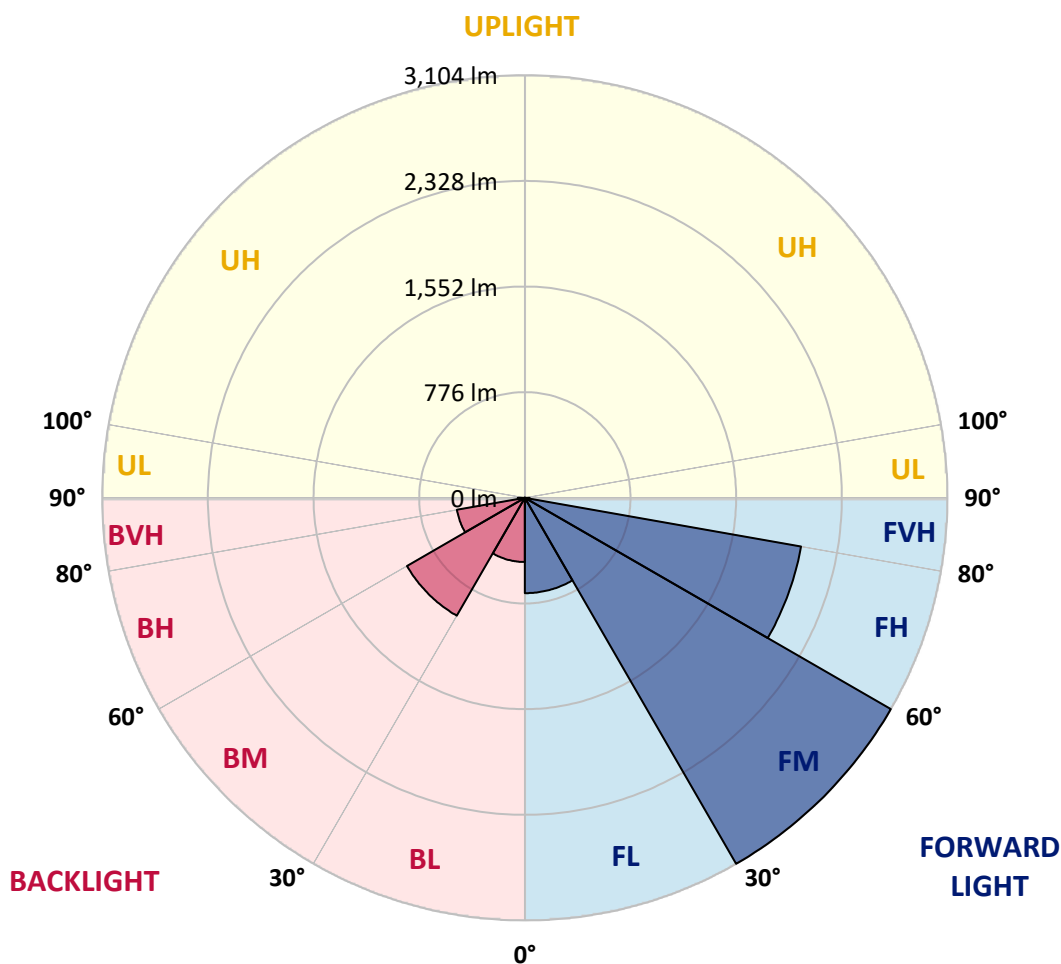
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	700.2	8.8			
FM	(30°-60°)	3104.1	39.2			
FH	(60°-80°)	2060.0	26.0			G2/5000
FVH	(80°-90°)	33.7	0.4			G1/100
BL	(0°-30°)	471.4	5.9	B1/500		
BM	(30°-60°)	999.8	12.6	B1/1000		
BH	(60°-80°)	506.4	6.4	B2/1000		G2/1000
BVH	(80°-90°)	52.0	0.7			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6
2.5°	1385.0	1385.0	1382.0	1380.4	1378.9	1369.7	1363.5	1355.8	1355.8	1343.5	1332.7
5°	1432.7	1434.3	1428.1	1428.1	1422.0	1409.7	1397.4	1382.0	1382.0	1363.5	1342.0
7.5°	1474.3	1478.9	1472.8	1472.8	1466.6	1452.8	1432.7	1411.2	1411.2	1385.0	1354.3
10°	1514.3	1517.4	1514.3	1517.4	1508.2	1495.8	1472.8	1443.5	1442.0	1409.7	1366.6
12.5°	1546.6	1549.7	1551.2	1555.9	1548.2	1538.9	1517.4	1480.5	1475.8	1437.4	1382.0
15°	1577.4	1580.5	1585.1	1591.3	1589.7	1582.0	1562.0	1520.5	1517.4	1468.1	1402.0
17.5°	1602.0	1603.6	1612.8	1625.1	1628.2	1629.7	1608.2	1565.1	1562.0	1503.5	1423.5
20°	1637.4	1640.5	1649.7	1662.1	1671.3	1677.4	1660.5	1612.8	1609.7	1545.1	1451.2
22.5°	1717.5	1712.8	1717.5	1717.5	1722.1	1731.3	1719.0	1671.3	1665.1	1594.3	1485.1
25°	1868.3	1863.7	1851.3	1823.6	1792.9	1791.3	1777.5	1731.3	1723.6	1645.1	1517.4
27.5°	2079.1	2068.3	2045.2	1986.8	1912.9	1865.2	1843.6	1795.9	1786.7	1695.9	1548.2
30°	2302.2	2314.6	2276.1	2196.1	2060.6	1959.1	1917.5	1863.7	1856.0	1752.8	1585.1
32.5°	2562.3	2563.9	2525.4	2414.6	2239.2	2077.6	2006.8	1940.6	1934.4	1819.0	1634.3
35°	2713.1	2719.3	2702.4	2599.3	2399.2	2208.4	2114.5	2034.5	2029.9	1902.1	1695.9
37.5°	2870.1	2884.0	2857.8	2743.9	2520.8	2329.9	2234.5	2146.8	2142.2	1997.5	1772.9
40°	3102.5	3096.3	3068.6	2900.9	2634.7	2431.5	2353.0	2283.8	2273.0	2114.5	1851.3
42.5°	3270.2	3285.6	3225.6	3036.3	2759.3	2533.1	2471.5	2393.0	2379.2	2185.3	1897.5
45°	3327.2	3313.3	3247.2	3108.6	2922.4	2625.4	2583.9	2523.9	2510.0	2309.9	1988.3
47.5°	3339.5	3314.9	3256.4	3151.7	3060.9	2745.5	2720.8	2707.0	2687.0	2466.9	2097.6
50°	3264.1	3247.2	3219.5	3167.1	3150.2	2857.8	2870.1	2920.9	2904.0	2636.2	2219.1
52.5°	3093.3	3085.6	3110.2	3144.0	3099.4	2954.8	3047.1	3150.2	3144.0	2822.4	2350.0
55°	2771.6	2771.6	2910.1	3028.6	3054.8	3017.9	3237.9	3414.9	3407.2	3031.7	2474.6
57.5°	2477.7	2482.3	2597.7	2864.0	2974.8	3085.6	3450.3	3691.9	3679.6	3267.2	2605.4
60°	2106.8	2106.8	2282.2	2616.2	2859.3	3137.9	3638.0	3959.7	3967.4	3494.9	2734.7
62.5°	1668.2	1672.8	1916.0	2308.4	2693.1	3147.1	3787.3	4212.1	4210.5	3701.1	2834.7
65°	1229.6	1231.1	1562.0	1966.8	2443.8	3082.5	3868.9	4406.0	4415.2	3864.3	2893.2
67.5°	798.7	814.1	1149.6	1595.9	2091.4	2899.4	3825.8	4509.1	4519.9	3939.7	2874.7
68°	747.9	751.0	1088.0	1494.3	1996.0	2853.2	3805.8	4513.7	4522.9	3938.1	2856.3
70°	484.8	484.8	778.7	1166.5	1592.8	2565.4	3631.9	4441.4	4452.1	3870.4	2722.4
72.5°	261.6	266.2	444.8	706.4	1088.0	1985.2	3277.9	4064.3	4082.8	3499.5	2380.7
75°	183.1	186.2	258.5	395.5	592.5	1292.7	2562.3	3105.6	3102.5	2417.7	1491.2
77.5°	132.3	132.3	147.7	246.2	310.9	591.0	1268.1	1495.8	1478.9	1180.4	752.5
80°	86.2	86.2	92.3	129.3	149.3	180.1	387.8	647.9	660.2	575.6	375.5
82.5°	35.4	36.9	40.0	52.3	53.9	75.4	110.8	186.2	180.1	146.2	106.2
85°	4.6	4.6	6.2	7.7	9.2	16.9	15.4	15.4	15.4	18.5	16.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.1	4.6	4.6	6.2	4.6
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°	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6	1329.6
2.5°	1329.6	1329.6	1320.4	1311.2	1301.9	1294.2	1283.5	1275.8	1277.3	1281.9	1280.4
5°	1337.3	1329.6	1311.2	1291.2	1275.8	1261.9	1241.9	1231.1	1229.6	1232.7	1231.1
7.5°	1342.0	1329.6	1301.9	1271.2	1246.5	1228.1	1200.4	1189.6	1185.0	1186.5	1186.5
10°	1351.2	1331.2	1292.7	1249.6	1218.8	1192.7	1163.4	1148.0	1143.4	1143.4	1141.9
12.5°	1362.0	1334.3	1283.5	1231.1	1191.1	1160.4	1126.5	1109.6	1105.0	1105.0	1103.4
15°	1372.7	1338.9	1274.2	1211.1	1165.0	1128.0	1095.7	1075.7	1069.6	1069.6	1072.6
17.5°	1386.6	1343.5	1265.0	1192.7	1137.3	1095.7	1061.9	1041.9	1034.2	1038.8	1041.9
20°	1400.4	1352.7	1255.8	1172.7	1109.6	1066.5	1032.6	1012.6	1004.9	1012.6	1014.2
22.5°	1420.4	1360.4	1245.0	1149.6	1081.9	1034.2	1003.4	984.9	980.3	988.0	994.2
25°	1440.4	1369.7	1231.1	1125.0	1046.5	1000.3	975.7	961.8	963.4	974.1	980.3
27.5°	1462.0	1377.3	1217.3	1094.2	1008.0	964.9	946.4	943.4	949.5	961.8	969.5
30°	1488.2	1388.1	1198.8	1058.8	964.9	926.4	918.7	928.0	938.8	951.1	958.8
32.5°	1522.0	1402.0	1180.4	1018.8	920.3	884.9	897.2	917.2	929.5	941.8	949.5
35°	1569.7	1429.7	1169.6	978.8	872.6	849.5	877.2	909.5	918.7	926.4	935.7
37.5°	1625.1	1466.6	1165.0	941.8	829.5	818.7	857.2	895.7	898.7	901.8	911.0
40°	1679.0	1494.3	1152.7	901.8	784.9	784.9	832.6	869.5	868.0	863.3	869.5
42.5°	1700.5	1491.2	1117.3	863.3	749.5	751.0	794.1	829.5	820.3	820.3	829.5
45°	1762.1	1515.9	1091.1	832.6	717.1	711.0	744.8	772.5	787.9	807.9	817.2
47.5°	1840.6	1549.7	1071.1	797.2	686.4	666.4	684.8	731.0	757.2	778.7	786.4
50°	1922.1	1588.2	1052.6	760.2	655.6	615.6	624.8	675.6	698.7	709.4	714.1
52.5°	2005.2	1623.6	1038.8	729.5	620.2	555.6	575.6	623.3	640.2	646.4	649.4
55°	2079.1	1652.8	1026.5	703.3	580.2	507.8	523.2	572.5	584.8	591.0	595.6
57.5°	2157.6	1685.1	1018.8	678.7	535.5	466.3	477.1	521.7	538.6	544.8	549.4
60°	2226.8	1715.9	1012.6	652.5	494.0	429.4	435.5	478.6	497.1	500.2	504.8
62.5°	2273.0	1735.9	1003.4	620.2	455.5	394.0	395.5	437.1	457.1	460.1	463.2
65°	2285.3	1731.3	975.7	577.1	417.1	358.6	358.6	398.6	420.1	430.9	435.5
67.5°	2248.4	1692.8	917.2	521.7	380.1	326.3	326.3	361.6	384.7	397.0	401.7
68°	2236.1	1675.9	898.7	507.8	370.9	318.6	318.6	355.5	377.0	387.8	390.9
70°	2131.4	1592.8	814.1	455.5	341.6	295.5	295.5	327.8	350.9	350.9	349.3
72.5°	1851.3	1380.4	669.4	381.7	298.6	261.6	266.2	297.0	304.7	312.4	310.9
75°	1146.5	826.4	449.4	301.6	250.8	229.3	238.5	266.2	270.9	287.8	283.2
77.5°	574.0	404.7	238.5	175.4	193.9	197.0	213.9	233.9	247.8	266.2	253.9
80°	283.2	197.0	140.0	109.3	113.9	144.7	186.2	201.6	226.2	238.5	227.8
82.5°	78.5	60.0	56.9	60.0	84.6	112.3	146.2	178.5	210.8	221.6	206.2
85°	13.9	10.8	9.2	29.2	58.5	83.1	118.5	158.5	189.3	181.6	170.8
87.5°	4.6	3.1	3.1	18.5	43.1	67.7	101.6	141.6	161.6	146.2	130.8
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)