

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: P1211734

Luminaire Tested: **GKO-PB1F-830-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211734
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-830-U-T4W
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

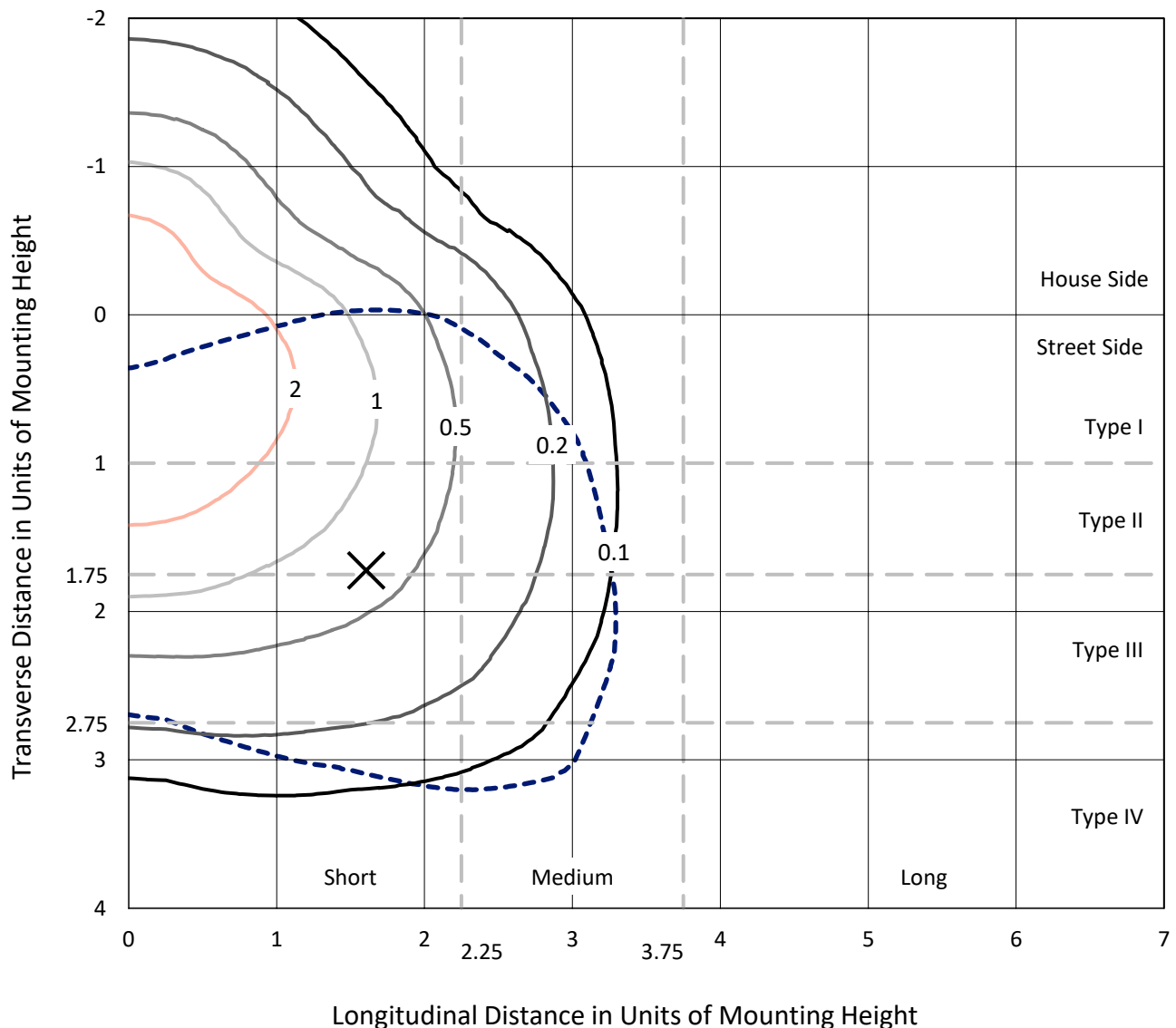
Lumens per Lamp: N/A
Luminaire Lumens: 5682.3 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
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

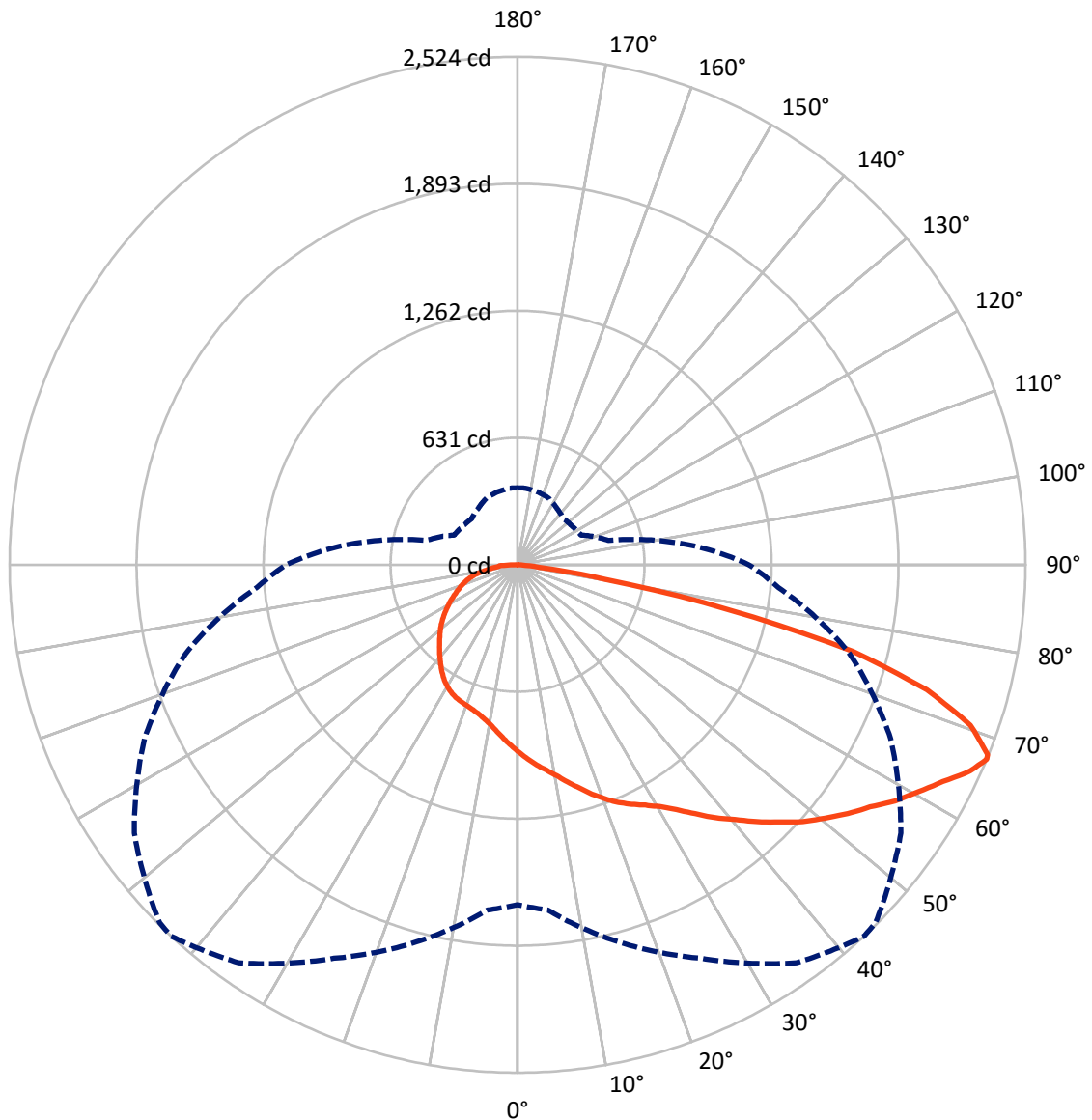
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.8 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	1528.4	0.0	1528.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4154.0	0.0	4154.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	5682.3	0.0	5682.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	1.6
10°-20°	274.0	4.8
20°-30°	474.4	8.3
30°-40°	704.0	12.4
40°-50°	956.4	16.8
50°-60°	1174.0	20.7
60°-70°	1237.4	21.8
70°-80°	683.0	12.0
80°-90°	90.0	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°	5682.3	100.0
0°-180°	5682.3	100.0

Coefficient of Utilization



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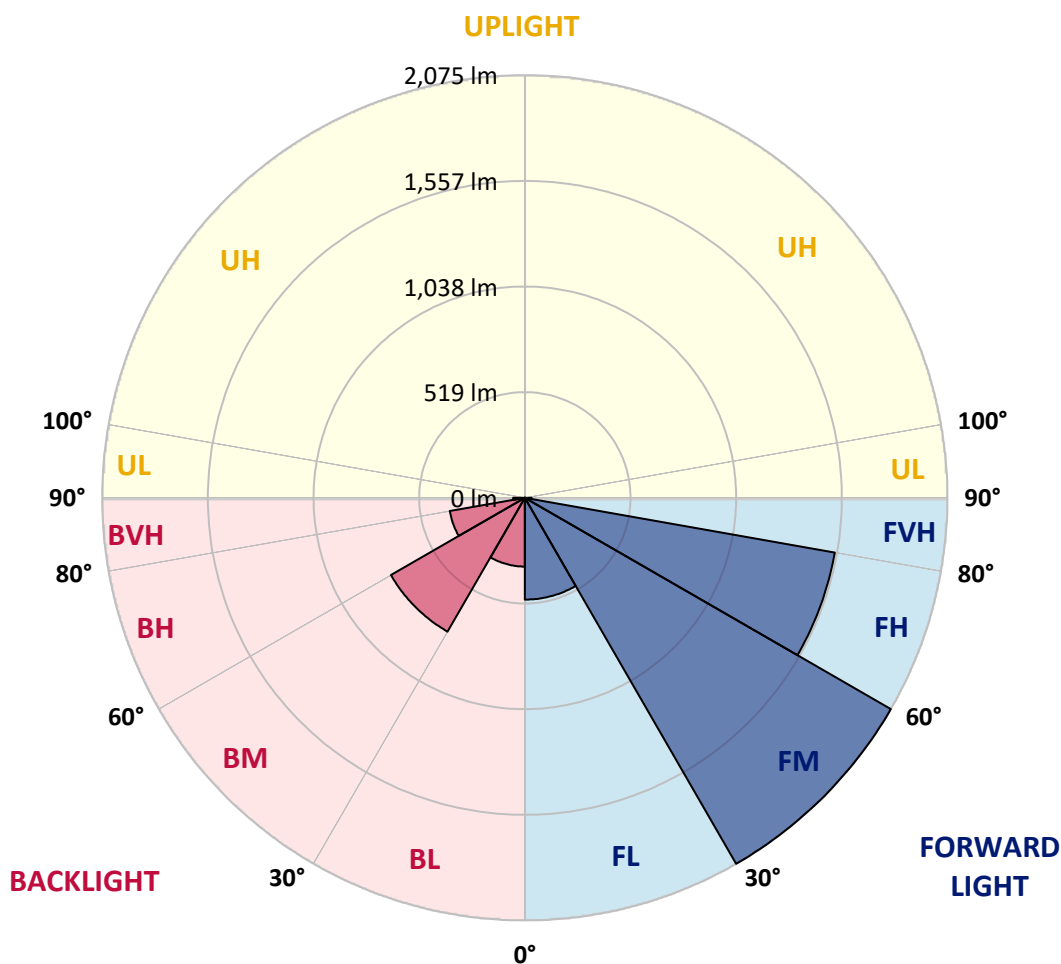
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	499.9	8.8			
FM	(30°-60°)	2075.3	36.5			
FH	(60°-80°)	1545.9	27.2			G1/1800
FVH	(80°-90°)	32.9	0.6			G1/100
BL	(0°-30°)	337.6	5.9	B1/500		
BM	(30°-60°)	759.1	13.4	B1/1000		
BH	(60°-80°)	374.5	6.6	B1/500		G1/500
BVH	(80°-90°)	57.1	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°	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7
2.5°	975.9	978.2	975.9	973.6	969.1	966.8	964.5	958.8	952.0	941.8	933.8
5°	1019.1	1019.1	1015.7	1013.4	1006.6	999.8	996.4	982.7	967.9	950.9	934.9
7.5°	1058.9	1063.5	1057.8	1052.1	1041.9	1030.5	1028.2	1007.7	987.3	964.5	940.6
10°	1109.0	1112.4	1104.4	1099.9	1080.5	1065.7	1061.2	1036.2	1008.9	980.4	949.7
12.5°	1160.1	1162.4	1156.7	1146.5	1126.0	1107.8	1101.0	1068.0	1032.8	998.6	960.0
15°	1204.5	1206.8	1204.5	1193.1	1173.8	1151.0	1141.9	1105.6	1062.3	1018.0	972.5
17.5°	1237.5	1242.0	1242.0	1236.4	1219.3	1197.7	1192.0	1146.5	1096.5	1040.7	987.3
20°	1265.9	1268.2	1272.8	1269.3	1260.2	1242.0	1234.1	1190.9	1130.6	1066.9	1002.0
22.5°	1288.7	1290.9	1298.9	1297.8	1292.1	1283.0	1275.0	1235.2	1170.4	1093.0	1015.7
25°	1328.5	1327.3	1331.9	1328.5	1321.7	1318.2	1313.7	1278.4	1210.2	1123.8	1033.9
27.5°	1397.9	1395.6	1391.0	1374.0	1356.9	1352.4	1349.0	1323.9	1256.8	1159.0	1054.4
30°	1500.2	1502.5	1480.9	1442.2	1408.1	1394.5	1389.9	1372.8	1309.1	1200.0	1077.1
32.5°	1621.9	1620.8	1585.5	1530.9	1477.5	1450.2	1441.1	1422.9	1361.5	1240.9	1103.3
35°	1709.5	1707.2	1689.0	1640.1	1584.4	1519.6	1502.5	1474.1	1417.2	1287.5	1129.4
37.5°	1827.8	1824.4	1789.1	1737.9	1687.9	1594.6	1575.3	1536.6	1470.7	1333.0	1159.0
40°	1963.2	1941.5	1883.5	1831.2	1763.0	1664.0	1648.1	1598.0	1532.1	1388.8	1193.1
42.5°	2086.0	2054.1	1979.1	1913.1	1827.8	1745.9	1725.4	1666.3	1591.2	1439.9	1228.4
45°	2270.3	2192.9	2084.9	2046.2	1898.3	1823.3	1806.2	1733.4	1656.1	1495.7	1263.7
47.5°	2247.5	2192.9	2157.6	2153.1	1972.3	1907.4	1882.4	1807.3	1725.4	1554.8	1300.0
50°	2291.9	2248.6	2250.9	2195.2	2039.4	1979.1	1960.9	1884.7	1796.0	1612.8	1338.7
52.5°	2282.8	2295.3	2288.4	2202.0	2104.2	2054.1	2040.5	1964.3	1863.1	1668.6	1372.8
55°	2355.6	2348.7	2333.9	2248.6	2175.8	2124.7	2113.3	2047.3	1931.3	1716.3	1402.4
57.5°	2409.0	2373.8	2372.6	2301.0	2255.5	2213.4	2195.2	2132.6	1995.0	1758.4	1425.2
60°	2376.0	2333.9	2364.7	2308.9	2304.4	2288.4	2278.2	2207.7	2051.9	1790.3	1434.3
62.5°	2199.7	2210.0	2301.0	2297.5	2357.8	2372.6	2361.2	2260.0	2089.4	1801.6	1427.4
65°	1966.6	1997.3	2137.2	2256.6	2420.4	2471.6	2460.2	2297.5	2086.0	1775.5	1381.9
67°	1689.0	1722.0	1940.4	2157.6	2414.7	2523.9	2515.9	2324.8	2045.0	1708.4	1300.0
67.5°	1627.6	1665.2	1883.5	2112.2	2394.2	2519.3	2513.7	2327.1	2031.4	1676.5	1268.2
70°	1197.7	1242.0	1550.3	1856.2	2230.4	2387.4	2386.3	2241.8	1890.4	1503.6	1099.9
72.5°	746.1	785.9	1105.6	1447.9	1932.4	2125.8	2117.8	1952.9	1627.6	1227.3	867.8
75°	457.2	482.3	696.1	944.0	1401.3	1720.9	1732.3	1526.4	1110.1	729.1	490.2
77.5°	279.8	307.1	439.0	582.3	856.5	1070.3	1072.6	846.2	569.8	397.0	268.4
80°	155.8	162.6	228.6	304.8	439.0	441.3	423.1	373.1	295.7	191.1	137.6
82.5°	61.4	66.0	99.0	122.8	125.1	130.8	121.7	110.3	93.3	61.4	43.2
85°	0.0	0.0	0.0	2.3	8.0	15.9	15.9	11.4	4.5	3.4	3.4
87.5°	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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°	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7	932.7
2.5°	931.5	930.4	922.4	913.3	906.5	900.8	895.1	888.3	888.3	890.6	889.4
5°	929.3	923.6	908.8	892.9	880.3	869.0	858.7	849.6	848.5	849.6	850.8
7.5°	930.4	920.2	897.4	873.5	853.0	838.3	823.5	816.7	815.5	815.5	815.5
10°	934.9	920.2	889.4	856.5	831.4	809.8	793.9	787.1	788.2	789.4	790.5
12.5°	942.9	922.4	883.8	841.7	809.8	788.2	772.3	766.6	771.2	776.8	778.0
15°	950.9	927.0	878.1	829.2	792.8	768.9	757.5	756.4	764.3	774.6	776.8
17.5°	960.0	930.4	871.2	813.2	774.6	755.2	749.5	753.0	765.5	781.4	784.8
20°	969.1	934.9	863.3	798.5	757.5	743.9	747.3	757.5	773.4	792.8	796.2
22.5°	978.2	938.4	853.0	780.3	739.3	734.8	747.3	764.3	780.3	801.9	806.4
25°	988.4	942.9	840.5	757.5	721.1	724.5	746.1	766.6	783.7	806.4	812.1
27.5°	1004.3	949.7	828.0	737.0	700.6	712.0	740.4	765.5	783.7	805.3	812.1
30°	1020.2	956.6	817.8	715.4	680.2	695.0	729.1	759.8	778.0	797.3	806.4
32.5°	1038.4	965.7	808.7	693.8	657.4	675.6	713.1	747.3	768.9	785.9	795.0
35°	1057.8	979.3	801.9	674.5	634.7	650.6	689.3	731.3	753.0	768.9	776.8
37.5°	1082.8	994.1	797.3	655.1	610.8	624.4	664.2	708.6	733.6	746.1	756.4
40°	1110.1	1015.7	797.3	639.2	588.0	597.1	638.1	685.9	710.9	721.1	731.3
42.5°	1137.4	1037.3	796.2	623.3	564.2	571.0	611.9	660.8	684.7	692.7	700.6
45°	1169.2	1062.3	795.0	605.1	538.0	544.8	586.9	635.8	658.6	665.4	672.2
47.5°	1203.4	1087.4	790.5	582.3	514.1	519.8	561.9	607.4	630.1	638.1	644.9
50°	1234.1	1111.2	779.1	556.2	492.5	498.2	535.7	573.2	593.7	602.8	609.6
52.5°	1261.4	1128.3	760.9	526.6	468.6	475.4	503.9	536.9	552.8	559.6	564.2
55°	1283.0	1137.4	731.3	498.2	445.9	449.3	472.0	501.6	514.1	515.2	518.7
57.5°	1297.8	1136.3	691.5	465.2	423.1	424.3	440.2	466.3	475.4	474.3	476.6
60°	1301.2	1121.5	643.8	434.5	400.4	397.0	412.9	431.1	436.8	441.3	447.0
62.5°	1287.5	1086.2	589.2	403.8	377.6	371.9	383.3	399.2	408.3	410.6	412.9
65°	1237.5	1021.4	523.2	371.9	354.9	344.6	357.1	379.9	394.7	399.2	398.1
67°	1149.9	930.4	466.3	348.0	332.1	323.0	341.2	365.1	375.3	382.2	382.2
67.5°	1121.5	897.4	447.0	340.1	326.4	318.5	335.5	358.3	371.9	379.9	379.9
70°	952.0	735.9	377.6	300.3	293.4	294.6	315.1	340.1	357.1	365.1	365.1
72.5°	725.7	569.8	307.1	261.6	259.3	267.3	293.4	316.2	337.8	351.5	350.3
75°	411.7	328.7	224.1	213.8	222.9	238.9	271.8	296.9	316.2	329.8	328.7
77.5°	240.0	197.9	154.7	146.7	172.9	209.3	243.4	275.3	288.9	293.4	290.0
80°	121.7	103.5	96.7	100.1	116.0	155.8	212.7	250.2	260.5	263.9	260.5
82.5°	38.7	35.3	38.7	51.2	77.3	122.8	171.7	226.3	238.9	238.9	237.7
85°	2.3	2.3	2.3	22.7	53.5	91.0	134.2	197.9	224.1	221.8	218.4
87.5°	1.1	1.1	1.1	14.8	42.1	76.2	118.3	179.7	213.8	197.9	186.5
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)