

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: P1211732

Luminaire Tested: **GKO-PB1F-735-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211732
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-735-U-T4W
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

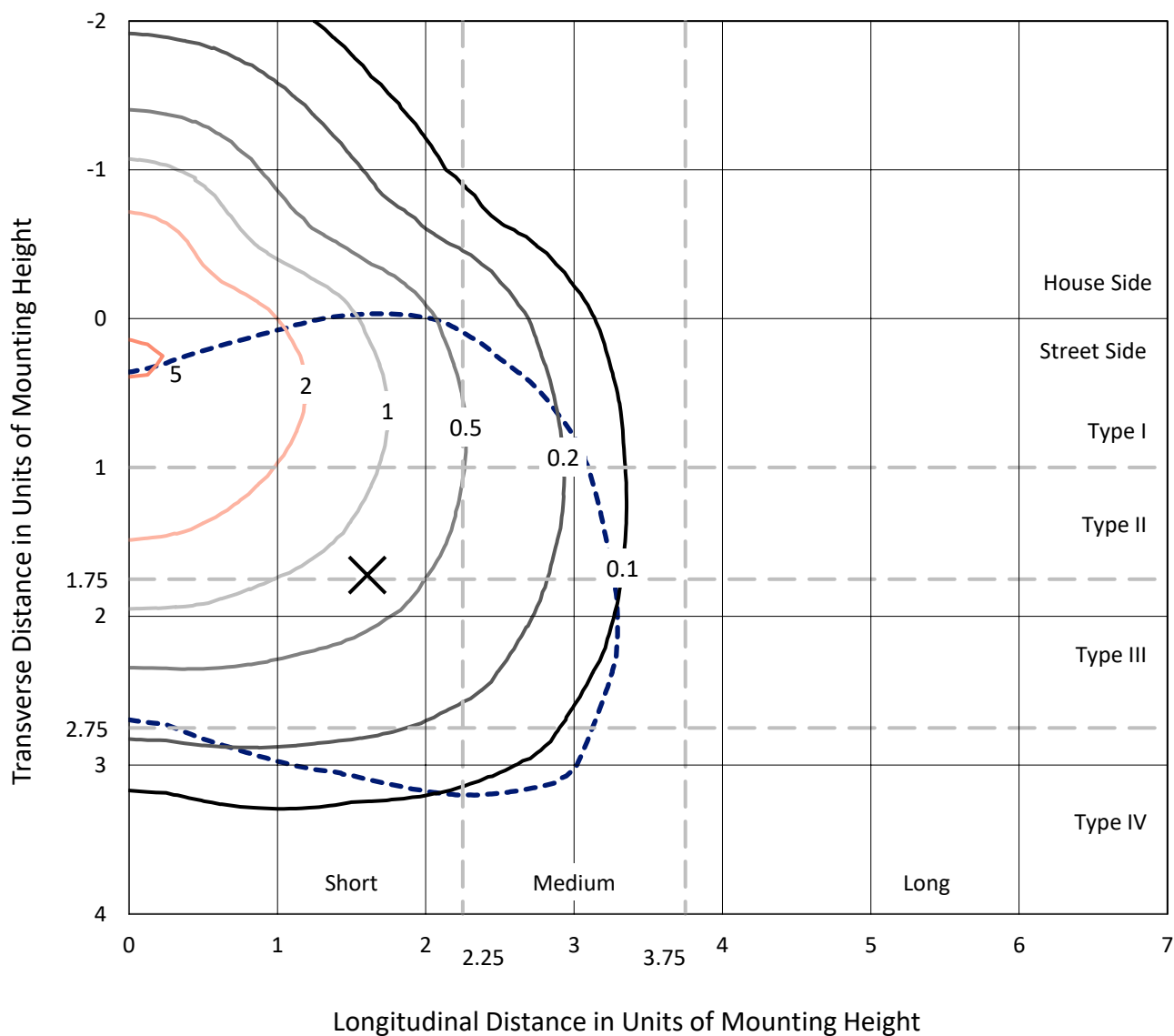
Lumens per Lamp: N/A
Luminaire Lumens: 6173.4 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

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

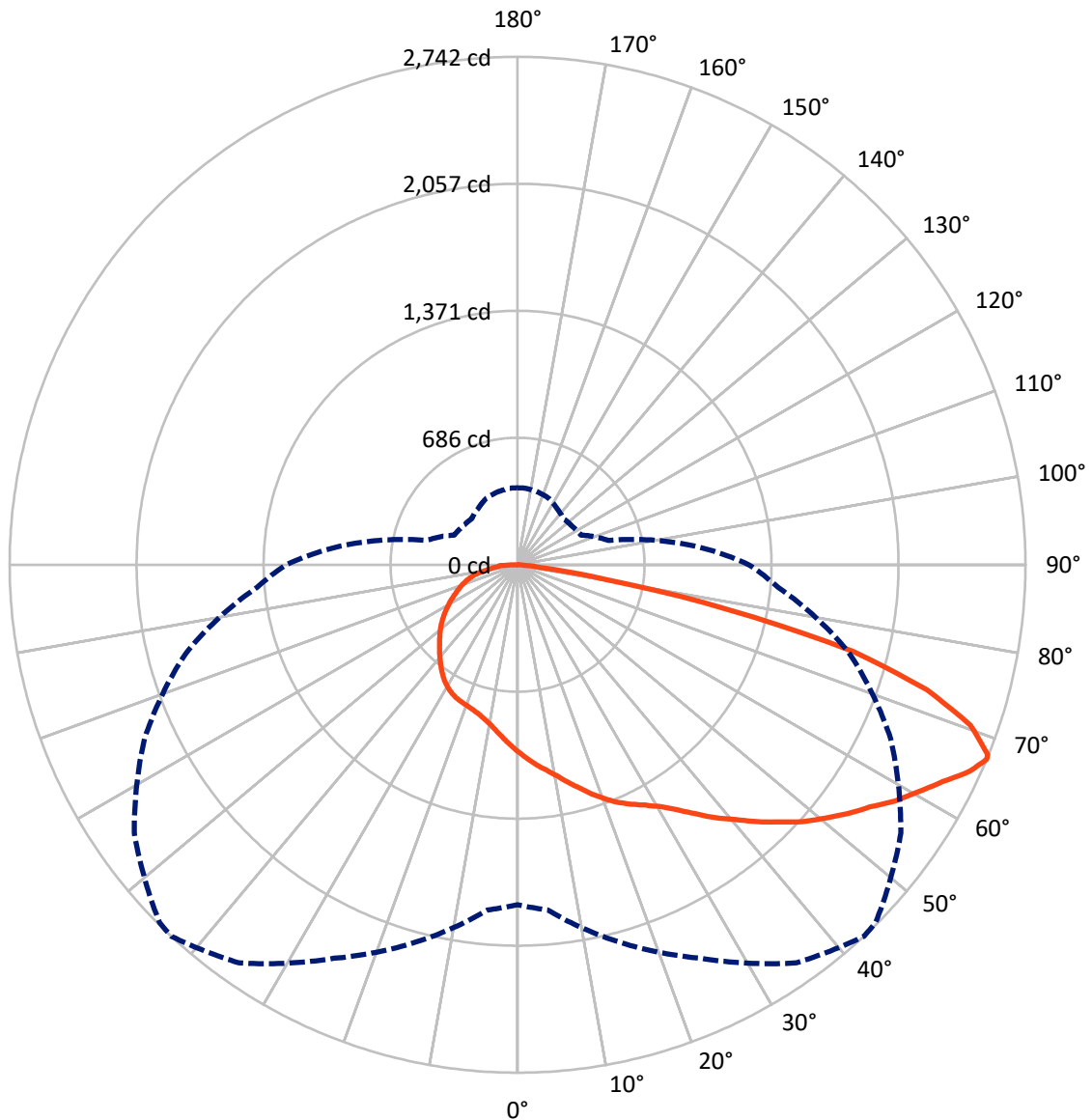
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.2 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	1660.5	0.0	1660.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4513.0	0.0	4513.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	6173.4	0.0	6173.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.8	1.6
10°-20°	297.7	4.8
20°-30°	515.4	8.3
30°-40°	764.9	12.4
40°-50°	1039.0	16.8
50°-60°	1275.5	20.7
60°-70°	1344.3	21.8
70°-80°	742.0	12.0
80°-90°	97.8	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°	6173.4	100.0
0°-180°	6173.4	100.0



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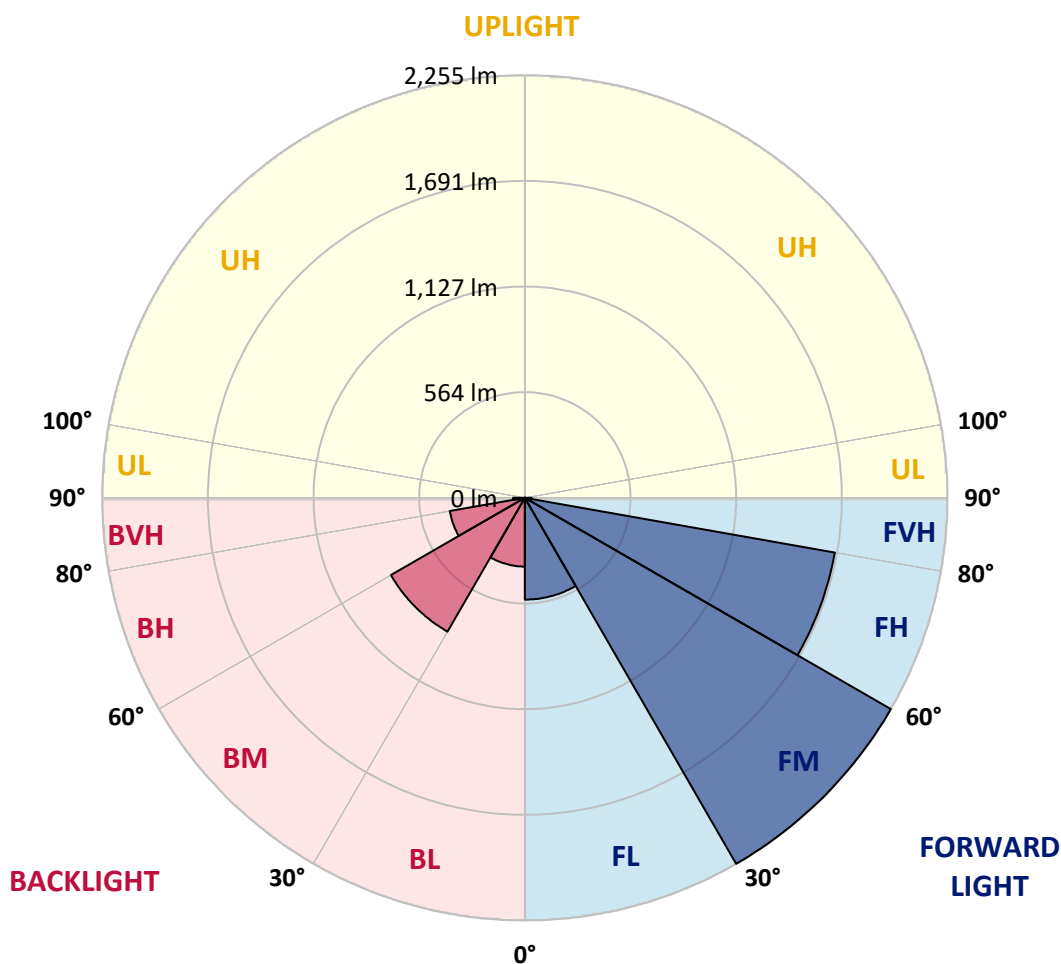
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	543.1	8.8			
FM	(30°-60°)	2254.7	36.5			
FH	(60°-80°)	1679.5	27.2			G1/1800
FVH	(80°-90°)	35.7	0.6			G1/100
BL	(0°-30°)	366.8	5.9	B1/500		
BM	(30°-60°)	824.7	13.4	B1/1000		
BH	(60°-80°)	406.9	6.6	B1/500		G1/500
BVH	(80°-90°)	62.0	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°	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3
2.5°	1060.2	1062.7	1060.2	1057.8	1052.8	1050.3	1047.9	1041.7	1034.3	1023.2	1014.5
5°	1107.2	1107.2	1103.5	1101.0	1093.6	1086.2	1082.5	1067.6	1051.6	1033.0	1015.7
7.5°	1150.4	1155.4	1149.2	1143.0	1131.9	1119.5	1117.1	1094.8	1072.6	1047.9	1021.9
10°	1204.8	1208.5	1199.9	1194.9	1173.9	1157.9	1152.9	1125.7	1096.1	1065.2	1031.8
12.5°	1260.4	1262.9	1256.7	1245.6	1223.3	1203.6	1196.2	1160.3	1122.0	1084.9	1042.9
15°	1308.6	1311.1	1308.6	1296.2	1275.2	1250.5	1240.6	1201.1	1154.1	1106.0	1056.5
17.5°	1344.4	1349.4	1349.4	1343.2	1324.7	1301.2	1295.0	1245.6	1191.2	1130.7	1072.6
20°	1375.3	1377.8	1382.7	1379.0	1369.2	1349.4	1340.7	1293.8	1228.3	1159.1	1088.7
22.5°	1400.0	1402.5	1411.2	1409.9	1403.8	1393.9	1385.2	1342.0	1271.5	1187.5	1103.5
25°	1443.3	1442.1	1447.0	1443.3	1435.9	1432.2	1427.2	1388.9	1314.8	1220.9	1123.3
27.5°	1518.7	1516.2	1511.3	1492.7	1474.2	1469.2	1465.5	1438.4	1365.4	1259.2	1145.5
30°	1629.9	1632.4	1608.9	1566.9	1529.8	1515.0	1510.0	1491.5	1422.3	1303.7	1170.2
32.5°	1762.1	1760.9	1722.6	1663.3	1605.2	1575.5	1565.6	1545.9	1479.1	1348.1	1198.6
35°	1857.3	1854.8	1835.0	1781.9	1721.3	1650.9	1632.4	1601.5	1539.7	1398.8	1227.0
37.5°	1985.8	1982.1	1943.8	1888.1	1833.8	1732.5	1711.4	1669.4	1597.8	1448.2	1259.2
40°	2132.8	2109.3	2046.3	1989.5	1915.3	1807.8	1790.5	1736.2	1664.5	1508.8	1296.2
42.5°	2266.3	2231.7	2150.1	2078.4	1985.8	1896.8	1874.6	1810.3	1728.7	1564.4	1334.6
45°	2466.5	2382.4	2265.0	2223.0	2062.4	1980.8	1962.3	1883.2	1799.2	1624.9	1372.9
47.5°	2441.7	2382.4	2344.1	2339.2	2142.7	2072.3	2045.1	1963.5	1874.6	1689.2	1412.4
50°	2489.9	2443.0	2445.4	2384.9	2215.6	2150.1	2130.3	2047.6	1951.2	1752.2	1454.4
52.5°	2480.0	2493.6	2486.2	2392.3	2286.0	2231.7	2216.8	2134.1	2024.1	1812.8	1491.5
55°	2559.1	2551.7	2535.7	2443.0	2363.9	2308.3	2295.9	2224.3	2098.2	1864.7	1523.6
57.5°	2617.2	2578.9	2577.7	2499.8	2450.4	2404.7	2384.9	2316.9	2167.4	1910.4	1548.3
60°	2581.4	2535.7	2569.0	2508.5	2503.5	2486.2	2475.1	2398.5	2229.2	1945.0	1558.2
62.5°	2389.8	2401.0	2499.8	2496.1	2561.6	2577.7	2565.3	2455.3	2270.0	1957.3	1550.8
65°	2136.5	2169.9	2321.9	2451.6	2629.6	2685.2	2672.8	2496.1	2266.3	1928.9	1501.4
67°	1835.0	1870.8	2108.1	2344.1	2623.4	2742.0	2733.4	2525.8	2221.8	1856.0	1412.4
67.5°	1768.3	1809.1	2046.3	2294.7	2601.1	2737.1	2730.9	2528.2	2207.0	1821.4	1377.8
70°	1301.2	1349.4	1684.3	2016.7	2423.2	2593.7	2592.5	2435.6	2053.7	1633.6	1194.9
72.5°	810.6	853.9	1201.1	1573.0	2099.5	2309.5	2300.9	2121.7	1768.3	1333.3	942.8
75°	496.8	523.9	756.2	1025.6	1522.4	1869.6	1882.0	1658.3	1206.0	792.1	532.6
77.5°	304.0	333.6	477.0	632.7	930.5	1162.8	1165.3	919.4	619.1	431.3	291.6
80°	169.3	176.7	248.4	331.2	477.0	479.5	459.7	405.3	321.3	207.6	149.5
82.5°	66.7	71.7	107.5	133.5	135.9	142.1	132.2	119.9	101.3	66.7	47.0
85°	0.0	0.0	0.0	2.5	8.6	17.3	17.3	12.4	4.9	3.7	3.7
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°	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3	1013.3
2.5°	1012.0	1010.8	1002.2	992.3	984.9	978.7	972.5	965.1	965.1	967.6	966.3
5°	1009.6	1003.4	987.3	970.0	956.4	944.1	933.0	923.1	921.8	923.1	924.3
7.5°	1010.8	999.7	975.0	949.0	926.8	910.7	894.6	887.2	886.0	886.0	886.0
10°	1015.7	999.7	966.3	930.5	903.3	879.8	862.5	855.1	856.3	857.6	858.8
12.5°	1024.4	1002.2	960.1	914.4	879.8	856.3	839.0	832.9	837.8	844.0	845.2
15°	1033.0	1007.1	954.0	900.8	861.3	835.3	823.0	821.7	830.4	841.5	844.0
17.5°	1042.9	1010.8	946.5	883.5	841.5	820.5	814.3	818.0	831.6	848.9	852.6
20°	1052.8	1015.7	937.9	867.5	823.0	808.1	811.9	823.0	840.3	861.3	865.0
22.5°	1062.7	1019.5	926.8	847.7	803.2	798.3	811.9	830.4	847.7	871.2	876.1
25°	1073.8	1024.4	913.2	823.0	783.4	787.1	810.6	832.9	851.4	876.1	882.3
27.5°	1091.1	1031.8	899.6	800.7	761.2	773.5	804.4	831.6	851.4	874.9	882.3
30°	1108.4	1039.2	888.5	777.3	738.9	755.0	792.1	825.4	845.2	866.2	876.1
32.5°	1128.2	1049.1	878.6	753.8	714.2	734.0	774.8	811.9	835.3	853.9	863.8
35°	1149.2	1063.9	871.2	732.8	689.5	706.8	748.8	794.6	818.0	835.3	844.0
37.5°	1176.4	1080.0	866.2	711.8	663.6	678.4	721.6	769.8	797.0	810.6	821.7
40°	1206.0	1103.5	866.2	694.5	638.9	648.7	693.2	745.1	772.3	783.4	794.6
42.5°	1235.7	1127.0	865.0	677.2	612.9	620.3	664.8	717.9	743.9	752.5	761.2
45°	1270.3	1154.1	863.8	657.4	584.5	591.9	637.6	690.8	715.5	722.9	730.3
47.5°	1307.4	1181.3	858.8	632.7	558.5	564.7	610.4	659.9	684.6	693.2	700.6
50°	1340.7	1207.3	846.5	604.3	535.1	541.2	582.0	622.8	645.0	654.9	662.3
52.5°	1370.4	1225.8	826.7	572.1	509.1	516.5	547.4	583.3	600.5	608.0	612.9
55°	1393.9	1235.7	794.6	541.2	484.4	488.1	512.8	544.9	558.5	559.8	563.5
57.5°	1409.9	1234.5	751.3	505.4	459.7	460.9	478.2	506.6	516.5	515.3	517.8
60°	1413.6	1218.4	699.4	472.0	435.0	431.3	448.6	468.3	474.5	479.5	485.6
62.5°	1398.8	1180.1	640.1	438.7	410.3	404.1	416.4	433.7	443.6	446.1	448.6
65°	1344.4	1109.7	568.4	404.1	385.5	374.4	388.0	412.7	428.8	433.7	432.5
67°	1249.3	1010.8	506.6	378.1	360.8	350.9	370.7	396.7	407.8	415.2	415.2
67.5°	1218.4	975.0	485.6	369.5	354.6	346.0	364.5	389.2	404.1	412.7	412.7
70°	1034.3	799.5	410.3	326.2	318.8	320.0	342.3	369.5	388.0	396.7	396.7
72.5°	788.4	619.1	333.6	284.2	281.7	290.4	318.8	343.5	367.0	381.8	380.6
75°	447.3	357.1	243.4	232.3	242.2	259.5	295.3	322.5	343.5	358.4	357.1
77.5°	260.7	215.0	168.1	159.4	187.8	227.4	264.4	299.0	313.9	318.8	315.1
80°	132.2	112.4	105.0	108.7	126.0	169.3	231.1	271.9	283.0	286.7	283.0
82.5°	42.0	38.3	42.0	55.6	84.0	133.5	186.6	245.9	259.5	259.5	258.3
85°	2.5	2.5	2.5	24.7	58.1	98.9	145.8	215.0	243.4	241.0	237.3
87.5°	1.2	1.2	1.2	16.1	45.7	82.8	128.5	195.2	232.3	215.0	202.7
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)