

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: P1211735

Luminaire Tested: **GKO-PB1F-835-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211735
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-835-U-T4W
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

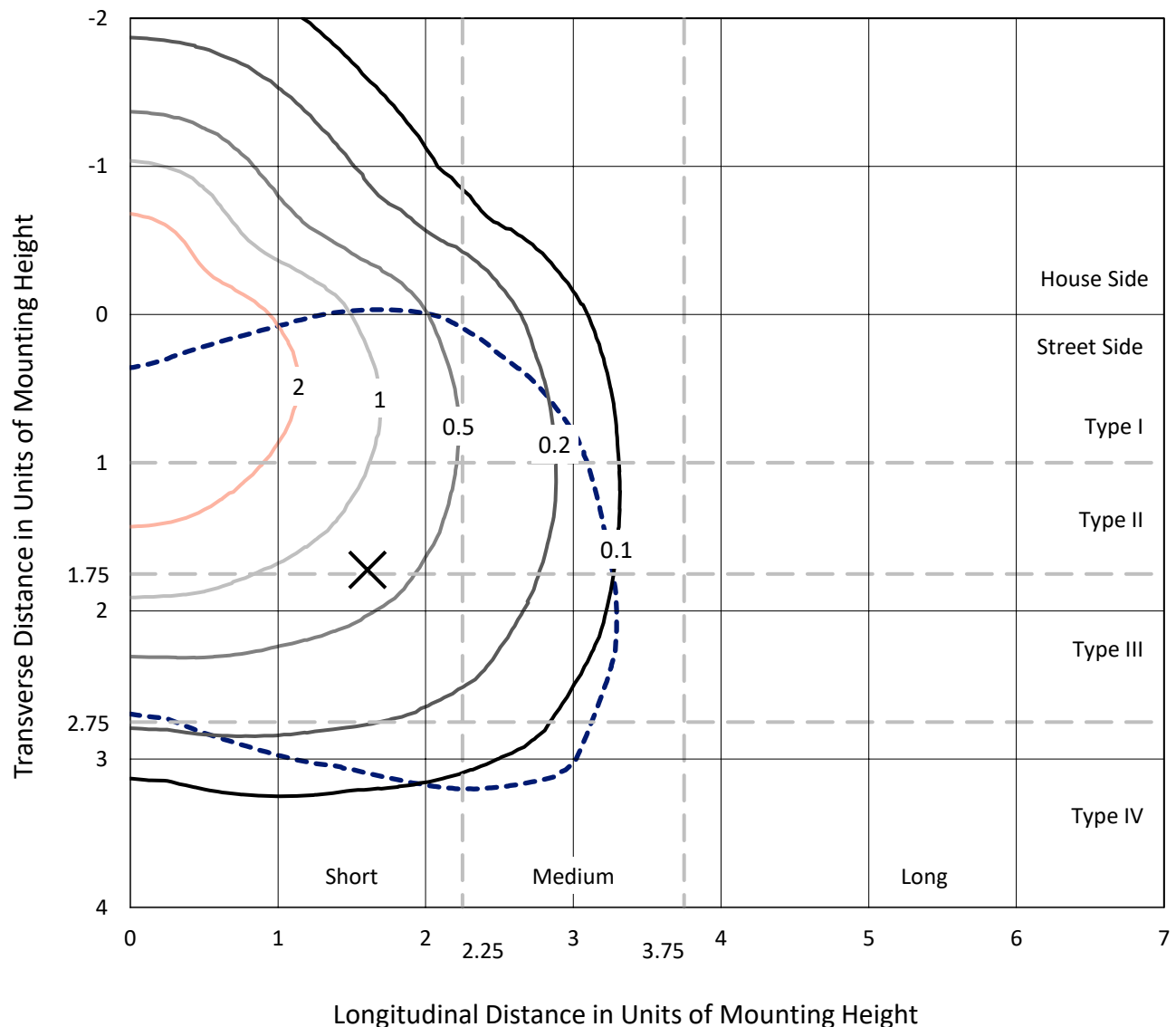
Lumens per Lamp: N/A
Luminaire Lumens: 5772.6 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

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

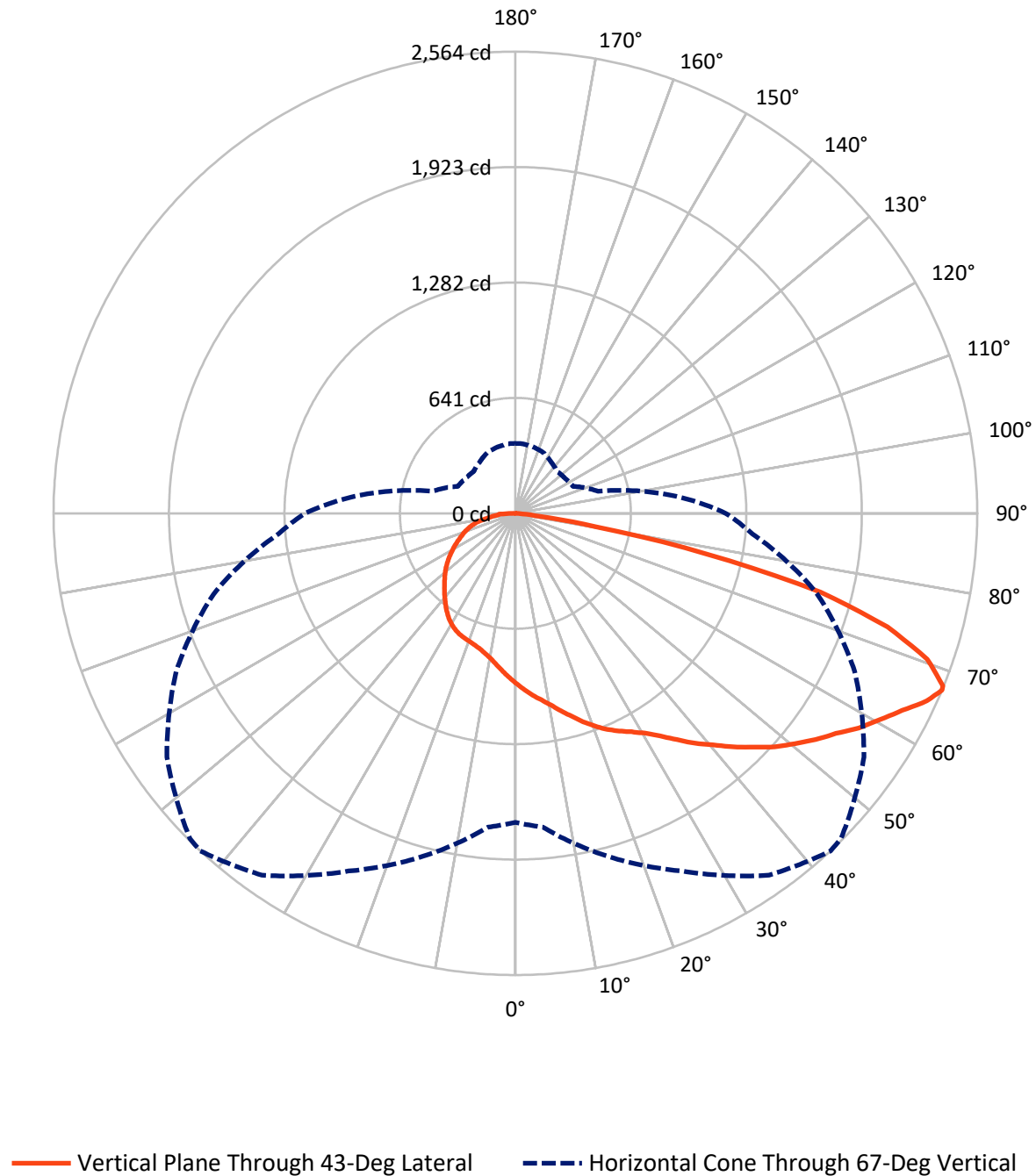
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1552.7	0.0	1552.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4220.0	0.0	4220.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	5772.6	0.0	5772.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.6	1.6
10°-20°	278.4	4.8
20°-30°	481.9	8.3
30°-40°	715.2	12.4
40°-50°	971.6	16.8
50°-60°	1192.7	20.7
60°-70°	1257.0	21.8
70°-80°	693.9	12.0
80°-90°	91.4	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°	5772.6	100.0
0°-180°	5772.6	100.0



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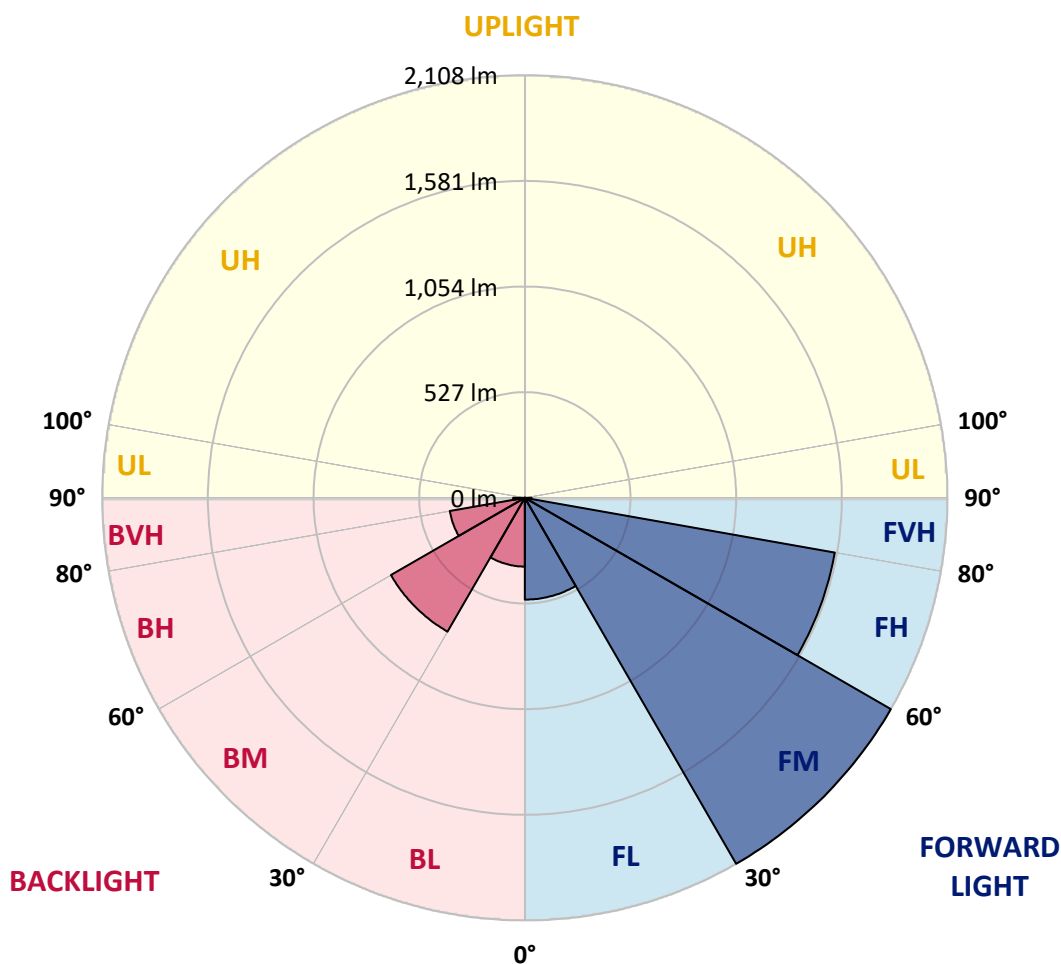
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	507.8	8.8			
FM	(30°-60°)	2108.3	36.5			
FH	(60°-80°)	1570.4	27.2			G1/1800
FVH	(80°-90°)	33.4	0.6			G1/100
BL	(0°-30°)	343.0	5.9	B1/500		
BM	(30°-60°)	771.2	13.4	B1/1000		
BH	(60°-80°)	380.5	6.6	B1/500		G1/500
BVH	(80°-90°)	58.0	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°	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5
2.5°	991.4	993.7	991.4	989.1	984.5	982.2	979.8	974.1	967.1	956.7	948.6
5°	1035.3	1035.3	1031.8	1029.5	1022.6	1015.7	1012.2	998.3	983.3	966.0	949.8
7.5°	1075.7	1080.4	1074.6	1068.8	1058.4	1046.9	1044.5	1023.8	1003.0	979.8	955.6
10°	1126.6	1130.1	1122.0	1117.3	1097.7	1082.7	1078.1	1052.6	1024.9	996.0	964.8
12.5°	1178.6	1180.9	1175.1	1164.7	1143.9	1125.4	1118.5	1085.0	1049.2	1014.5	975.2
15°	1223.6	1226.0	1223.6	1212.1	1192.4	1169.3	1160.1	1123.1	1079.2	1034.1	987.9
17.5°	1257.2	1261.8	1261.8	1256.0	1238.7	1216.7	1210.9	1164.7	1113.9	1057.3	1003.0
20°	1286.0	1288.4	1293.0	1289.5	1280.3	1261.8	1253.7	1209.8	1148.5	1083.8	1018.0
22.5°	1309.2	1311.5	1319.6	1318.4	1312.6	1303.4	1295.3	1254.8	1189.0	1110.4	1031.8
25°	1349.6	1348.4	1353.1	1349.6	1342.7	1339.2	1334.6	1298.8	1229.4	1141.6	1050.3
27.5°	1420.1	1417.8	1413.1	1395.8	1378.5	1373.9	1370.4	1345.0	1276.8	1177.4	1071.1
30°	1524.1	1526.4	1504.4	1465.1	1430.5	1416.6	1412.0	1394.7	1330.0	1219.0	1094.2
32.5°	1647.7	1646.6	1610.7	1555.3	1501.0	1473.2	1464.0	1445.5	1383.1	1260.6	1120.8
35°	1736.7	1734.4	1715.9	1666.2	1609.6	1543.7	1526.4	1497.5	1439.7	1308.0	1147.4
37.5°	1856.8	1853.4	1817.6	1765.6	1714.7	1620.0	1600.3	1561.0	1494.0	1354.2	1177.4
40°	1994.3	1972.4	1913.5	1860.3	1791.0	1690.5	1674.3	1623.4	1556.4	1410.8	1212.1
42.5°	2119.1	2086.8	2010.5	1943.5	1856.8	1773.7	1752.9	1692.8	1616.5	1462.8	1247.9
45°	2306.3	2227.8	2118.0	2078.7	1928.5	1852.2	1834.9	1760.9	1682.4	1519.4	1283.7
47.5°	2283.2	2227.8	2191.9	2187.3	2003.6	1937.7	1912.3	1836.0	1752.9	1579.5	1320.7
50°	2328.3	2284.4	2286.7	2230.1	2071.8	2010.5	1992.0	1914.6	1824.5	1638.5	1360.0
52.5°	2319.0	2331.7	2324.8	2237.0	2137.6	2086.8	2072.9	1995.5	1892.7	1695.1	1394.7
55°	2393.0	2386.1	2371.0	2284.4	2210.4	2158.4	2146.9	2079.9	1962.0	1743.6	1424.7
57.5°	2447.3	2411.5	2410.3	2337.5	2291.3	2248.6	2230.1	2166.5	2026.7	1786.4	1447.8
60°	2413.8	2371.0	2402.2	2345.6	2341.0	2324.8	2314.4	2242.8	2084.5	1818.7	1457.1
62.5°	2234.7	2245.1	2337.5	2334.1	2395.3	2410.3	2398.8	2295.9	2122.6	1830.3	1450.1
65°	1997.8	2029.0	2171.1	2292.5	2458.8	2510.8	2499.3	2334.1	2119.1	1803.7	1403.9
67°	1715.9	1749.4	1971.2	2191.9	2453.1	2564.0	2555.9	2361.8	2077.5	1735.5	1320.7
67.5°	1653.5	1691.6	1913.5	2145.7	2432.3	2559.4	2553.6	2364.1	2063.7	1703.2	1288.4
70°	1216.7	1261.8	1574.9	1885.7	2265.9	2425.3	2424.2	2277.4	1920.4	1527.5	1117.3
72.5°	758.0	798.4	1123.1	1470.9	1963.2	2159.6	2151.5	1983.9	1653.5	1246.8	881.6
75°	464.5	489.9	707.2	959.0	1423.5	1748.2	1759.8	1550.6	1127.7	740.7	498.0
77.5°	284.2	312.0	446.0	591.6	870.1	1087.3	1089.6	859.7	578.9	403.3	272.7
80°	158.3	165.2	232.3	309.7	446.0	448.3	429.8	379.0	300.4	194.1	139.8
82.5°	62.4	67.0	100.5	124.8	127.1	132.9	123.6	112.1	94.7	62.4	43.9
85°	0.0	0.0	0.0	2.3	8.1	16.2	16.2	11.6	4.6	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°	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5	947.5
2.5°	946.3	945.2	937.1	927.8	920.9	915.1	909.4	902.4	902.4	904.7	903.6
5°	944.0	938.2	923.2	907.0	894.3	882.8	872.4	863.1	862.0	863.1	864.3
7.5°	945.2	934.8	911.7	887.4	866.6	851.6	836.6	829.6	828.5	828.5	828.5
10°	949.8	934.8	903.6	870.1	844.7	822.7	806.5	799.6	800.7	801.9	803.1
12.5°	957.9	937.1	897.8	855.1	822.7	800.7	784.6	778.8	783.4	789.2	790.3
15°	966.0	941.7	892.0	842.3	805.4	781.1	769.5	768.4	776.5	786.9	789.2
17.5°	975.2	945.2	885.1	826.2	786.9	767.2	761.5	764.9	777.6	793.8	797.3
20°	984.5	949.8	877.0	811.1	769.5	755.7	759.1	769.5	785.7	805.4	808.8
22.5°	993.7	953.3	866.6	792.7	751.1	746.4	759.1	776.5	792.7	814.6	819.2
25°	1004.1	957.9	853.9	769.5	732.6	736.0	758.0	778.8	796.1	819.2	825.0
27.5°	1020.3	964.8	841.2	748.7	711.8	723.3	752.2	777.6	796.1	818.1	825.0
30°	1036.5	971.8	830.8	726.8	691.0	706.0	740.7	771.9	790.3	810.0	819.2
32.5°	1054.9	981.0	821.5	704.8	667.9	686.4	724.5	759.1	781.1	798.4	807.7
35°	1074.6	994.9	814.6	685.2	644.8	660.9	700.2	743.0	764.9	781.1	789.2
37.5°	1100.0	1009.9	810.0	665.6	620.5	634.4	674.8	719.9	745.3	758.0	768.4
40°	1127.7	1031.8	810.0	649.4	597.4	606.6	648.2	696.8	722.2	732.6	743.0
42.5°	1155.5	1053.8	808.8	633.2	573.1	580.0	621.6	671.3	695.6	703.7	711.8
45°	1187.8	1079.2	807.7	614.7	546.5	553.5	596.2	645.9	669.0	676.0	682.9
47.5°	1222.5	1104.6	803.1	591.6	522.3	528.1	570.8	617.0	640.1	648.2	655.2
50°	1253.7	1128.9	791.5	565.0	500.3	506.1	544.2	582.4	603.2	612.4	619.3
52.5°	1281.4	1146.2	773.0	535.0	476.1	483.0	511.9	545.4	561.6	568.5	573.1
55°	1303.4	1155.5	743.0	506.1	452.9	456.4	479.5	509.6	522.3	523.4	526.9
57.5°	1318.4	1154.3	702.5	472.6	429.8	431.0	447.2	473.7	483.0	481.8	484.1
60°	1321.9	1139.3	654.0	441.4	406.7	403.3	419.4	437.9	443.7	448.3	454.1
62.5°	1308.0	1103.5	598.5	410.2	383.6	377.8	389.4	405.6	414.8	417.1	419.4
65°	1257.2	1037.6	531.5	377.8	360.5	350.1	362.8	385.9	400.9	405.6	404.4
67°	1168.2	945.2	473.7	353.6	337.4	328.2	346.6	370.9	381.3	388.2	388.2
67.5°	1139.3	911.7	454.1	345.5	331.6	323.5	340.9	364.0	377.8	385.9	385.9
70°	967.1	747.6	383.6	305.0	298.1	299.3	320.1	345.5	362.8	370.9	370.9
72.5°	737.2	578.9	312.0	265.8	263.4	271.5	298.1	321.2	343.2	357.0	355.9
75°	418.3	333.9	227.6	217.2	226.5	242.6	276.2	301.6	321.2	335.1	333.9
77.5°	243.8	201.1	157.1	149.1	175.6	212.6	247.3	279.6	293.5	298.1	294.6
80°	123.6	105.1	98.2	101.7	117.9	158.3	216.1	254.2	264.6	268.1	264.6
82.5°	39.3	35.8	39.3	52.0	78.6	124.8	174.5	229.9	242.6	242.6	241.5
85°	2.3	2.3	2.3	23.1	54.3	92.4	136.3	201.1	227.6	225.3	221.9
87.5°	1.2	1.2	1.2	15.0	42.8	77.4	120.2	182.6	217.2	201.1	189.5
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)