

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: P1211861

Luminaire Tested: **GKO-PB2A-835-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211861
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-835-U-T3
Description: GEKKO WALL PACK 4000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

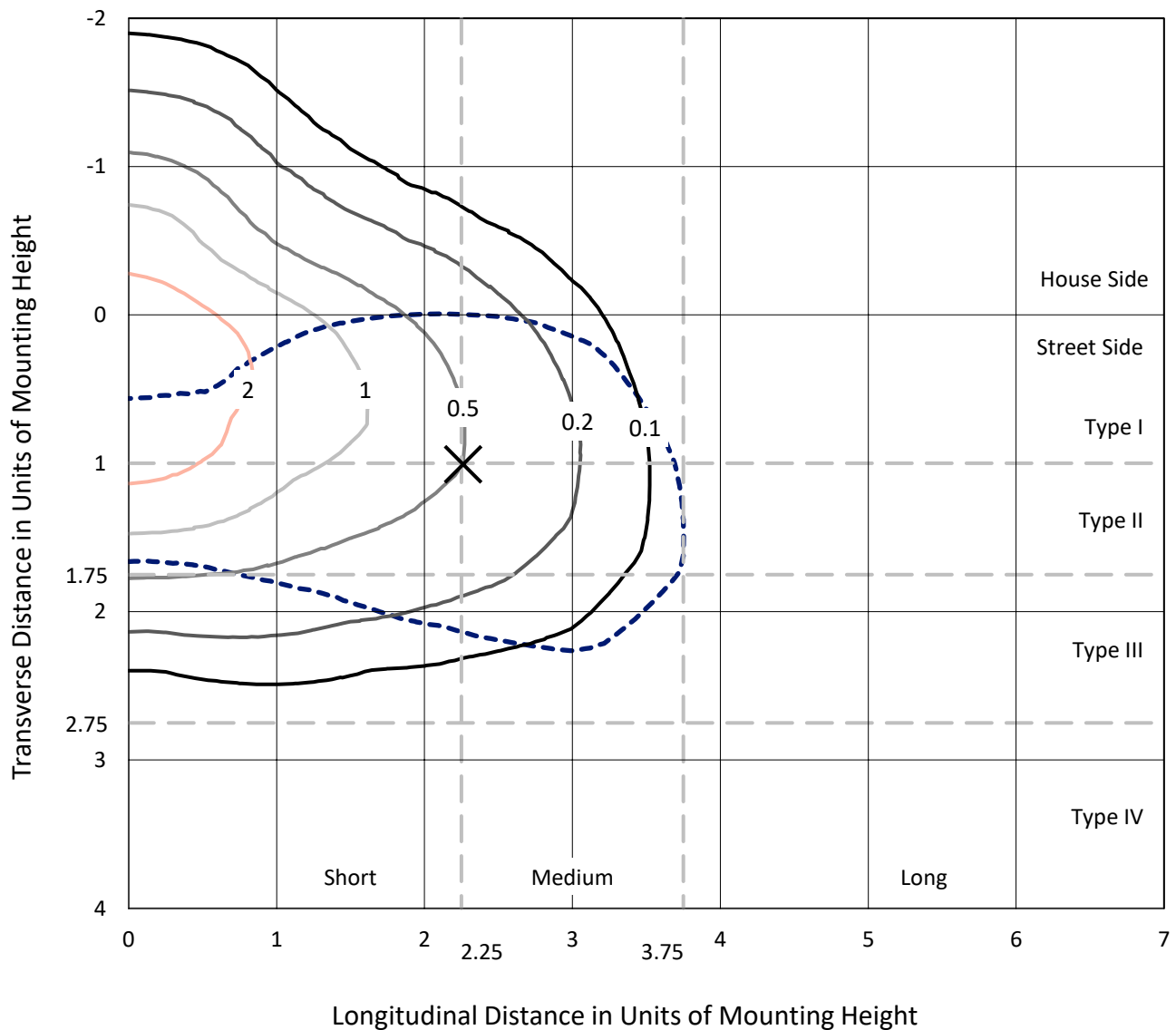
Lumens per Lamp: N/A
Luminaire Lumens: 3744.8 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
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

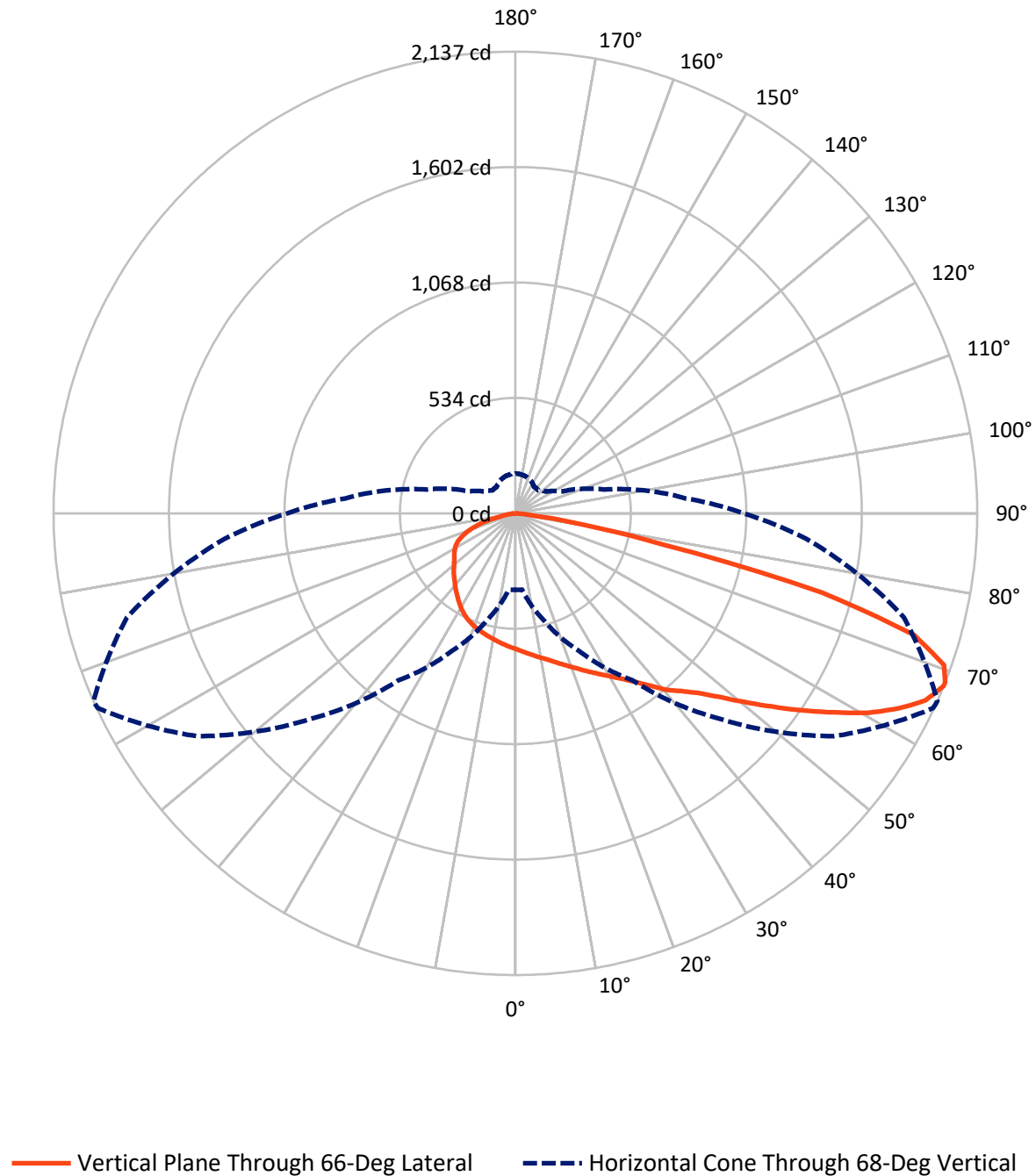
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.2 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	958.7	0.0	958.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2786.1	0.0	2786.1
	% Fixture	74.4	0.0	74.4
Total	Lumens	3744.8	0.0	3744.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	1.6
10°-20°	181.1	4.8
20°-30°	312.1	8.3
30°-40°	484.1	12.9
40°-50°	663.2	17.7
50°-60°	791.2	21.1
60°-70°	792.8	21.2
70°-80°	419.5	11.2
80°-90°	40.5	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°	3744.8	100.0
0°-180°	3744.8	100.0



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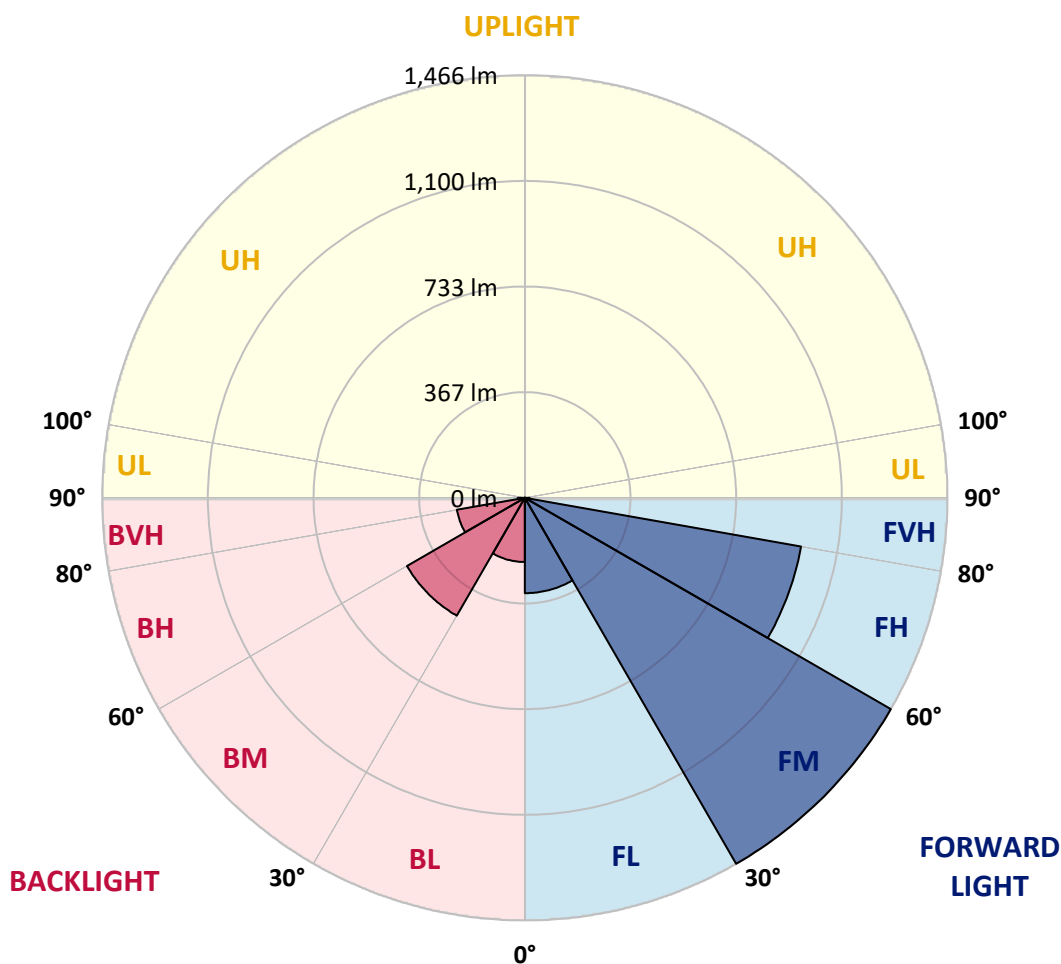
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	330.8	8.8			
FM	(30°-60°)	1466.3	39.2			
FH	(60°-80°)	973.1	26.0			G1/1800
FVH	(80°-90°)	15.9	0.4			G1/100
BL	(0°-30°)	222.7	5.9	B1/500		
BM	(30°-60°)	472.3	12.6	B1/1000		
BH	(60°-80°)	239.2	6.4	B1/500		G1/500
BVH	(80°-90°)	24.6	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-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1
2.5°	654.3	654.3	652.8	652.1	651.3	647.0	644.1	640.4	640.4	634.6	629.5
5°	676.8	677.5	674.6	674.6	671.7	665.9	660.1	652.8	652.8	644.1	633.9
7.5°	696.4	698.6	695.7	695.7	692.8	686.2	676.8	666.6	666.6	654.3	639.7
10°	715.3	716.8	715.3	716.8	712.4	706.6	695.7	681.9	681.1	665.9	645.5
12.5°	730.6	732.0	732.8	734.9	731.3	726.9	716.8	699.3	697.1	679.0	652.8
15°	745.1	746.6	748.8	751.7	750.9	747.3	737.9	718.2	716.8	693.5	662.2
17.5°	756.8	757.5	761.8	767.7	769.1	769.8	759.7	739.3	737.9	710.2	672.4
20°	773.5	774.9	779.3	785.1	789.5	792.4	784.4	761.8	760.4	729.9	685.5
22.5°	811.3	809.1	811.3	811.3	813.5	817.8	812.0	789.5	786.6	753.1	701.5
25°	882.5	880.3	874.5	861.4	846.9	846.2	839.6	817.8	814.2	777.1	716.8
27.5°	982.1	977.0	966.1	938.5	903.6	881.1	870.9	848.3	844.0	801.1	731.3
30°	1087.5	1093.3	1075.2	1037.4	973.4	925.4	905.8	880.3	876.7	828.0	748.8
32.5°	1210.4	1211.1	1192.9	1140.6	1057.7	981.4	947.9	916.7	913.8	859.3	772.0
35°	1281.6	1284.5	1276.5	1227.8	1133.3	1043.2	998.8	961.0	958.8	898.5	801.1
37.5°	1355.8	1362.3	1349.9	1296.1	1190.7	1100.6	1055.5	1014.1	1011.9	943.6	837.4
40°	1465.5	1462.6	1449.5	1370.3	1244.5	1148.6	1111.5	1078.8	1073.7	998.8	874.5
42.5°	1544.8	1552.0	1523.7	1434.3	1303.4	1196.6	1167.5	1130.4	1123.9	1032.3	896.3
45°	1571.7	1565.1	1533.9	1468.4	1380.5	1240.2	1220.5	1192.2	1185.6	1091.1	939.2
47.5°	1577.5	1565.8	1538.2	1488.8	1445.9	1296.9	1285.2	1278.7	1269.2	1165.3	990.8
50°	1541.9	1533.9	1520.8	1496.1	1488.1	1349.9	1355.8	1379.7	1371.7	1245.3	1048.3
52.5°	1461.2	1457.5	1469.2	1485.2	1464.1	1395.7	1439.4	1488.1	1485.2	1333.2	1110.0
55°	1309.2	1309.2	1374.7	1430.6	1443.0	1425.5	1529.5	1613.1	1609.5	1432.1	1168.9
57.5°	1170.4	1172.6	1227.1	1352.8	1405.2	1457.5	1629.8	1743.9	1738.1	1543.3	1230.7
60°	995.2	995.2	1078.1	1235.8	1350.7	1482.2	1718.5	1870.4	1874.1	1650.9	1291.8
62.5°	788.0	790.2	905.0	1090.4	1272.2	1486.6	1789.0	1989.7	1988.9	1748.3	1339.0
65°	580.8	581.6	737.9	929.0	1154.4	1456.1	1827.5	2081.2	2085.6	1825.4	1366.7
67.5°	377.3	384.6	543.0	753.8	987.9	1369.6	1807.2	2130.0	2135.0	1861.0	1357.9
68°	353.3	354.7	514.0	705.9	942.8	1347.8	1797.7	2132.1	2136.5	1860.3	1349.2
70°	229.0	229.0	367.8	551.0	752.4	1211.8	1715.6	2098.0	2103.1	1828.3	1286.0
72.5°	123.6	125.8	210.1	333.7	514.0	937.8	1548.4	1919.9	1928.6	1653.1	1124.6
75°	86.5	88.0	122.1	186.8	279.9	610.6	1210.4	1467.0	1465.5	1142.0	704.4
77.5°	62.5	62.5	69.8	116.3	146.8	279.1	599.0	706.6	698.6	557.6	355.5
80°	40.7	40.7	43.6	61.1	70.5	85.1	183.2	306.0	311.9	271.9	177.4
82.5°	16.7	17.4	18.9	24.7	25.4	35.6	52.3	88.0	85.1	69.1	50.2
85°	2.2	2.2	2.9	3.6	4.4	8.0	7.3	7.3	7.3	8.7	8.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.2	2.2	2.9	2.2
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°	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1	628.1
2.5°	628.1	628.1	623.7	619.4	615.0	611.4	606.3	602.6	603.4	605.5	604.8
5°	631.7	628.1	619.4	609.9	602.6	596.1	586.6	581.6	580.8	582.3	581.6
7.5°	633.9	628.1	615.0	600.5	588.8	580.1	567.0	561.9	559.7	560.5	560.5
10°	638.3	628.8	610.6	590.3	575.7	563.4	549.6	542.3	540.1	540.1	539.4
12.5°	643.3	630.3	606.3	581.6	562.7	548.1	532.1	524.1	521.9	521.9	521.2
15°	648.4	632.4	601.9	572.1	550.3	532.9	517.6	508.1	505.2	505.2	506.7
17.5°	655.0	634.6	597.5	563.4	537.2	517.6	501.6	492.1	488.5	490.7	492.1
20°	661.5	639.0	593.2	553.9	524.1	503.8	487.8	478.3	474.7	478.3	479.1
22.5°	671.0	642.6	588.1	543.0	511.0	488.5	474.0	465.2	463.1	466.7	469.6
25°	680.4	647.0	581.6	531.4	494.3	472.5	460.9	454.3	455.1	460.2	463.1
27.5°	690.6	650.6	575.0	516.9	476.1	455.8	447.1	445.6	448.5	454.3	458.0
30°	703.0	655.7	566.3	500.1	455.8	437.6	434.0	438.3	443.4	449.3	452.9
32.5°	718.9	662.2	557.6	481.2	434.7	418.0	423.8	433.3	439.1	444.9	448.5
35°	741.5	675.3	552.5	462.3	412.2	401.3	414.4	429.6	434.0	437.6	442.0
37.5°	767.7	692.8	550.3	444.9	391.8	386.7	404.9	423.1	424.5	426.0	430.4
40°	793.1	705.9	544.5	426.0	370.7	370.7	393.3	410.7	410.0	407.8	410.7
42.5°	803.3	704.4	527.8	407.8	354.0	354.7	375.1	391.8	387.5	387.5	391.8
45°	832.4	716.0	515.4	393.3	338.8	335.8	351.8	364.9	372.2	381.6	386.0
47.5°	869.4	732.0	506.0	376.6	324.2	314.8	323.5	345.3	357.7	367.8	371.5
50°	908.0	750.2	497.2	359.1	309.7	290.8	295.1	319.1	330.0	335.1	337.3
52.5°	947.2	766.9	490.7	344.6	293.0	262.4	271.9	294.4	302.4	305.3	306.8
55°	982.1	780.7	484.9	332.2	274.1	239.9	247.2	270.4	276.2	279.1	281.3
57.5°	1019.2	796.0	481.2	320.6	253.0	220.3	225.4	246.4	254.4	257.3	259.5
60°	1051.9	810.5	478.3	308.2	233.3	202.8	205.7	226.1	234.8	236.3	238.4
62.5°	1073.7	820.0	474.0	293.0	215.2	186.1	186.8	206.5	215.9	217.4	218.8
65°	1079.5	817.8	460.9	272.6	197.0	169.4	169.4	188.3	198.5	203.5	205.7
67.5°	1062.1	799.6	433.3	246.4	179.6	154.1	154.1	170.8	181.7	187.6	189.7
68°	1056.3	791.6	424.5	239.9	175.2	150.5	150.5	167.9	178.1	183.2	184.6
70°	1006.8	752.4	384.6	215.2	161.4	139.6	139.6	154.8	165.7	165.7	165.0
72.5°	874.5	652.1	316.2	180.3	141.0	123.6	125.8	140.3	143.9	147.6	146.8
75°	541.6	390.4	212.3	142.5	118.5	108.3	112.7	125.8	127.9	135.9	133.8
77.5°	271.2	191.2	112.7	82.9	91.6	93.0	101.0	110.5	117.0	125.8	119.9
80°	133.8	93.0	66.2	51.6	53.8	68.3	88.0	95.2	106.9	112.7	107.6
82.5°	37.1	28.4	26.9	28.4	40.0	53.1	69.1	84.3	99.6	104.7	97.4
85°	6.5	5.1	4.4	13.8	27.6	39.3	56.0	74.9	89.4	85.8	80.7
87.5°	2.2	1.5	1.5	8.7	20.4	32.0	48.0	66.9	76.3	69.1	61.8
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)