

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: P1211943

Luminaire Tested: **GKO-PB1D-735-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211943
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-735-U-T2U
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

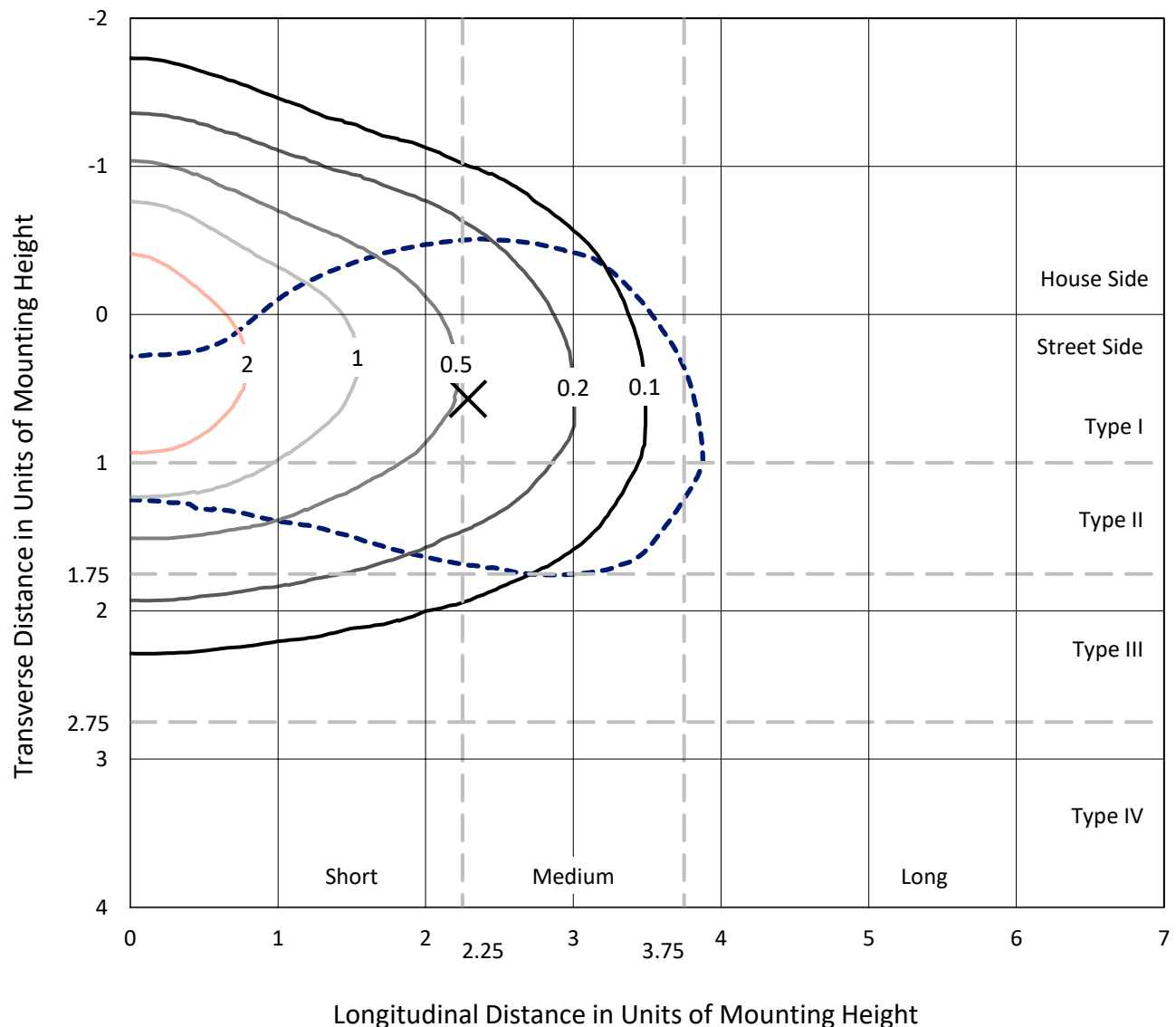
Lumens per Lamp: N/A
Luminaire Lumens: 3499 lumens
Efficiency: N/A
Efficacy: 136.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
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

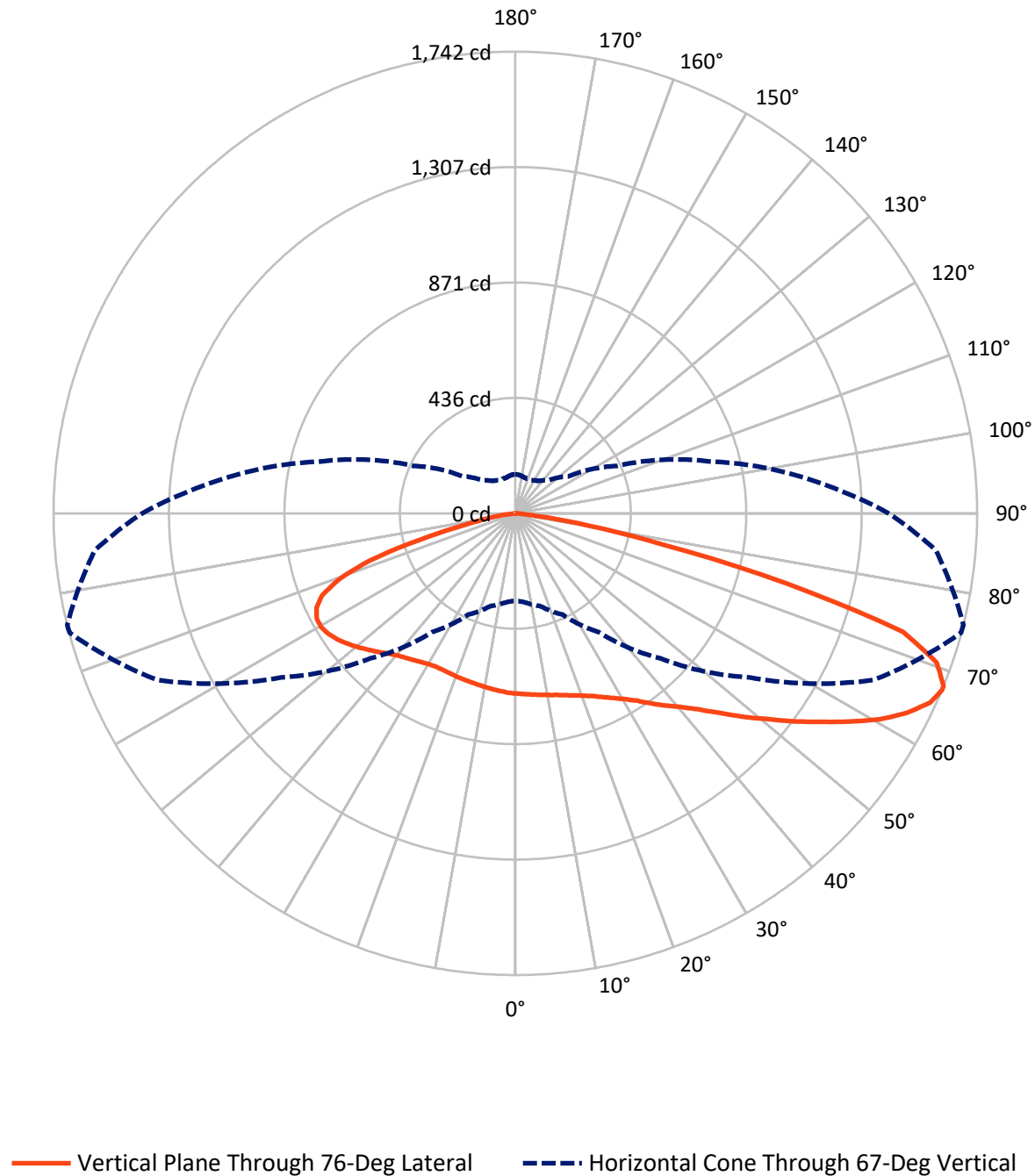
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1154.4	0.0	1154.4
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2344.6	0.0	2344.6
	% Fixture	67.0	0.0	67.0
Total	Lumens	3499.0	0.0	3499.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	1.9
10°-20°	200.0	5.7
20°-30°	344.1	9.8
30°-40°	494.5	14.1
40°-50°	627.1	17.9
50°-60°	688.6	19.7
60°-70°	667.8	19.1
70°-80°	368.7	10.5
80°-90°	42.8	1.2
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°	3499.0	100.0
0°-180°	3499.0	100.0

Coefficient of Utilization



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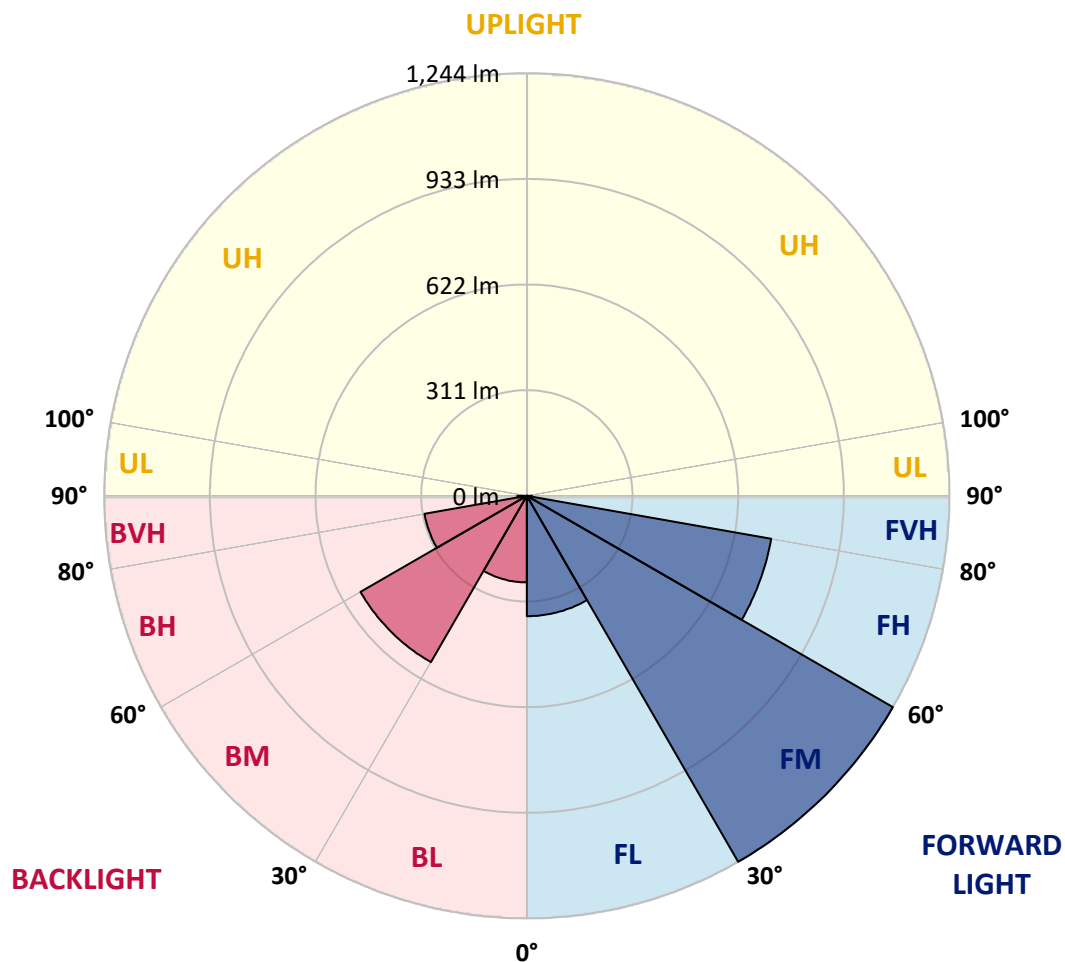
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	354.5	10.1			
FM	(30°-60°)	1244.5	35.6			
FH	(60°-80°)	730.5	20.9			G1/1800
FVH	(80°-90°)	15.1	0.4			G1/100
BL	(0°-30°)	255.1	7.3	B1/500		
BM	(30°-60°)	565.7	16.2	B1/1000		
BH	(60°-80°)	306.0	8.7	B1/500		G1/500
BVH	(80°-90°)	27.7	0.8			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2
2.5°	700.5	699.8	699.1	699.1	696.4	693.7	691.0	689.0	683.5	682.9	680.2
5°	721.4	721.4	719.4	718.7	714.7	707.9	701.8	695.7	688.3	686.9	680.8
7.5°	748.5	748.5	745.1	742.4	736.3	725.5	714.7	703.8	693.0	691.7	682.2
10°	783.0	783.0	780.3	774.2	761.4	747.2	729.6	712.6	698.4	697.1	683.5
12.5°	818.9	819.6	815.5	806.7	791.2	769.5	747.8	723.5	705.2	703.2	686.3
15°	855.4	856.1	853.4	843.9	823.0	796.6	767.5	738.4	714.0	712.0	690.3
17.5°	891.3	892.7	890.0	879.1	854.8	826.3	790.5	753.9	724.8	722.1	697.1
20°	925.2	925.2	925.2	913.0	889.3	856.8	815.5	772.9	737.0	734.3	705.2
22.5°	955.6	957.0	959.0	952.2	925.2	889.3	844.6	793.9	752.6	749.2	715.4
25°	986.1	986.7	992.2	987.4	961.0	923.8	875.8	820.3	771.5	768.1	727.5
27.5°	1021.3	1023.3	1026.7	1024.6	994.9	958.3	910.3	849.4	792.5	789.1	742.4
30°	1062.5	1062.5	1064.6	1061.2	1031.4	994.9	944.8	879.8	818.9	813.5	760.7
32.5°	1096.4	1099.8	1098.4	1097.1	1065.9	1029.4	980.0	913.6	849.4	842.6	785.7
35°	1128.2	1128.9	1128.2	1129.5	1098.4	1063.9	1017.2	952.9	883.2	880.5	817.5
37.5°	1146.5	1147.8	1151.2	1155.3	1127.5	1095.0	1054.4	996.2	925.2	920.4	855.4
40°	1155.3	1157.3	1175.6	1181.7	1151.9	1124.8	1093.7	1035.5	965.8	960.3	893.3
42.5°	1168.8	1185.0	1194.5	1195.9	1170.1	1146.5	1127.5	1080.1	1015.8	1011.1	944.1
45°	1124.1	1118.0	1143.1	1172.2	1170.8	1160.7	1160.0	1130.2	1077.4	1072.7	1001.6
47.5°	1068.0	1063.2	1076.8	1119.4	1149.8	1166.8	1191.8	1189.1	1151.9	1145.1	1068.6
50°	934.0	942.1	1008.4	1066.6	1119.4	1168.8	1218.9	1250.7	1224.3	1218.9	1139.7
52.5°	808.7	814.2	859.5	998.2	1080.1	1162.7	1242.6	1315.7	1308.9	1302.8	1217.5
55°	720.8	726.2	798.6	887.3	1021.9	1131.6	1258.1	1377.2	1394.8	1388.7	1300.1
57.5°	628.7	637.5	686.9	764.8	944.1	1080.1	1263.5	1439.5	1488.2	1482.8	1379.3
60°	540.1	552.3	581.4	665.9	848.0	1019.2	1249.3	1489.6	1578.2	1578.2	1461.2
62.5°	458.2	464.9	495.4	571.9	726.2	941.4	1213.5	1521.4	1660.8	1657.4	1532.9
65°	390.5	393.9	418.2	483.9	624.0	855.4	1151.2	1519.4	1719.7	1720.4	1580.3
67°	329.6	335.0	362.1	421.6	546.2	774.2	1079.5	1488.9	1740.7	1742.0	1591.8
67.5°	308.6	314.7	344.5	406.1	529.9	751.9	1062.5	1476.1	1739.3	1742.0	1588.4
70°	212.5	213.9	263.9	334.3	435.8	633.5	945.5	1386.7	1687.9	1685.9	1514.6
72.5°	135.4	133.3	181.4	244.3	350.6	513.0	797.9	1230.4	1531.5	1529.5	1335.3
75°	90.0	92.0	122.5	174.6	246.3	396.6	622.0	928.5	1063.9	1055.8	881.2
77.5°	64.3	62.9	75.8	125.9	165.1	240.9	337.7	494.0	565.1	565.1	483.9
80°	35.2	35.9	41.3	69.7	93.4	94.1	126.6	247.7	276.1	282.2	234.8
82.5°	10.2	10.8	14.9	23.7	25.7	28.4	44.0	71.1	74.4	78.5	63.6
85°	0.0	0.0	0.0	0.7	2.7	3.4	3.4	4.1	6.8	6.8	7.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4	2.7	2.7	3.4
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°	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2
2.5°	679.5	680.2	677.5	674.1	671.4	670.0	665.9	662.6	664.6	666.6	666.6
5°	678.8	678.1	672.7	666.6	662.6	659.9	653.1	648.4	649.0	651.1	650.4
7.5°	678.8	676.1	668.7	659.9	653.1	647.7	638.9	633.5	632.8	634.1	632.8
10°	679.5	674.7	664.6	652.4	642.9	634.8	624.0	617.9	615.9	616.5	615.2
12.5°	680.8	673.4	660.5	645.0	632.8	622.0	609.8	602.3	601.0	602.3	602.3
15°	682.9	673.4	657.2	638.2	622.0	609.8	597.6	590.8	590.8	591.5	591.5
17.5°	686.9	675.4	654.4	630.8	611.1	597.6	586.8	582.0	582.7	584.7	584.7
20°	691.0	678.1	651.7	623.3	601.7	586.1	577.3	573.9	576.6	579.3	579.3
22.5°	697.1	681.5	649.0	616.5	590.8	575.3	567.8	565.1	567.8	571.2	569.8
25°	706.6	687.6	647.0	610.5	580.7	563.8	556.3	553.6	555.0	557.7	557.7
27.5°	717.4	695.1	646.3	603.0	568.5	550.2	541.4	537.4	537.4	538.0	538.7
30°	735.7	707.9	649.0	597.6	557.7	536.0	524.5	518.4	517.7	520.4	520.4
32.5°	757.3	725.5	655.8	592.9	546.8	519.1	503.5	498.8	497.4	499.5	497.4
35°	781.7	745.1	664.6	592.2	536.0	500.8	483.2	477.8	473.7	472.4	471.0
37.5°	816.2	772.2	673.4	588.8	525.2	481.2	462.2	450.7	446.0	444.6	444.6
40°	850.0	798.6	684.2	583.4	512.3	461.6	434.5	421.6	419.6	419.6	419.6
42.5°	892.7	833.1	699.1	580.0	496.8	441.9	404.7	389.8	389.8	389.8	389.1
45°	945.5	878.5	718.1	578.6	481.9	418.2	372.9	353.3	352.6	351.9	351.2
47.5°	1007.0	925.8	736.3	575.3	464.3	389.8	336.4	314.7	310.0	308.6	306.6
50°	1070.7	977.3	756.0	570.5	443.3	356.7	301.8	276.8	266.7	263.3	264.6
52.5°	1138.3	1027.3	774.9	563.8	418.2	323.5	266.7	240.3	230.1	226.0	225.4
55°	1204.7	1078.1	792.5	555.0	391.2	289.7	236.9	211.2	202.4	201.0	201.0
57.5°	1271.7	1126.8	806.0	542.1	361.4	259.9	211.2	190.2	184.1	186.8	186.8
60°	1332.6	1169.5	812.8	524.5	331.6	232.8	190.9	175.3	172.6	179.3	178.7
62.5°	1387.4	1197.9	809.4	498.8	302.5	209.8	175.3	163.8	164.5	172.6	173.3
65°	1413.8	1202.6	789.8	463.6	270.0	190.2	159.0	148.2	149.6	158.4	160.4
67°	1407.7	1184.4	757.3	423.7	243.6	175.3	148.9	138.1	138.7	146.2	146.9
67.5°	1400.9	1175.6	748.5	411.5	236.9	172.6	146.2	136.0	137.4	144.2	144.2
70°	1310.9	1086.2	667.3	349.2	205.1	153.6	133.3	126.6	127.9	132.0	132.0
72.5°	1145.8	940.7	540.1	280.2	173.9	136.0	120.5	116.4	116.4	116.4	113.0
75°	730.9	589.5	353.3	214.5	143.5	116.4	108.3	103.5	100.8	104.9	103.5
77.5°	404.0	307.9	184.1	123.2	103.5	96.8	94.1	92.0	91.4	100.8	98.1
80°	191.5	152.3	103.5	70.4	59.6	71.7	81.2	79.9	95.4	130.6	131.3
82.5°	60.9	50.1	42.0	38.6	39.9	51.4	62.9	72.4	123.9	140.1	138.1
85°	7.4	6.8	4.7	15.6	26.4	37.9	48.7	94.1	113.7	94.7	89.3
87.5°	2.7	2.7	2.7	10.8	20.3	29.1	44.0	94.7	69.7	63.6	58.2
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)