

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: P1211981

Luminaire Tested: **GKO-PB2A-835-U-T2U**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211981
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-T2U
Description: GEKKO WALL PACK 4000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

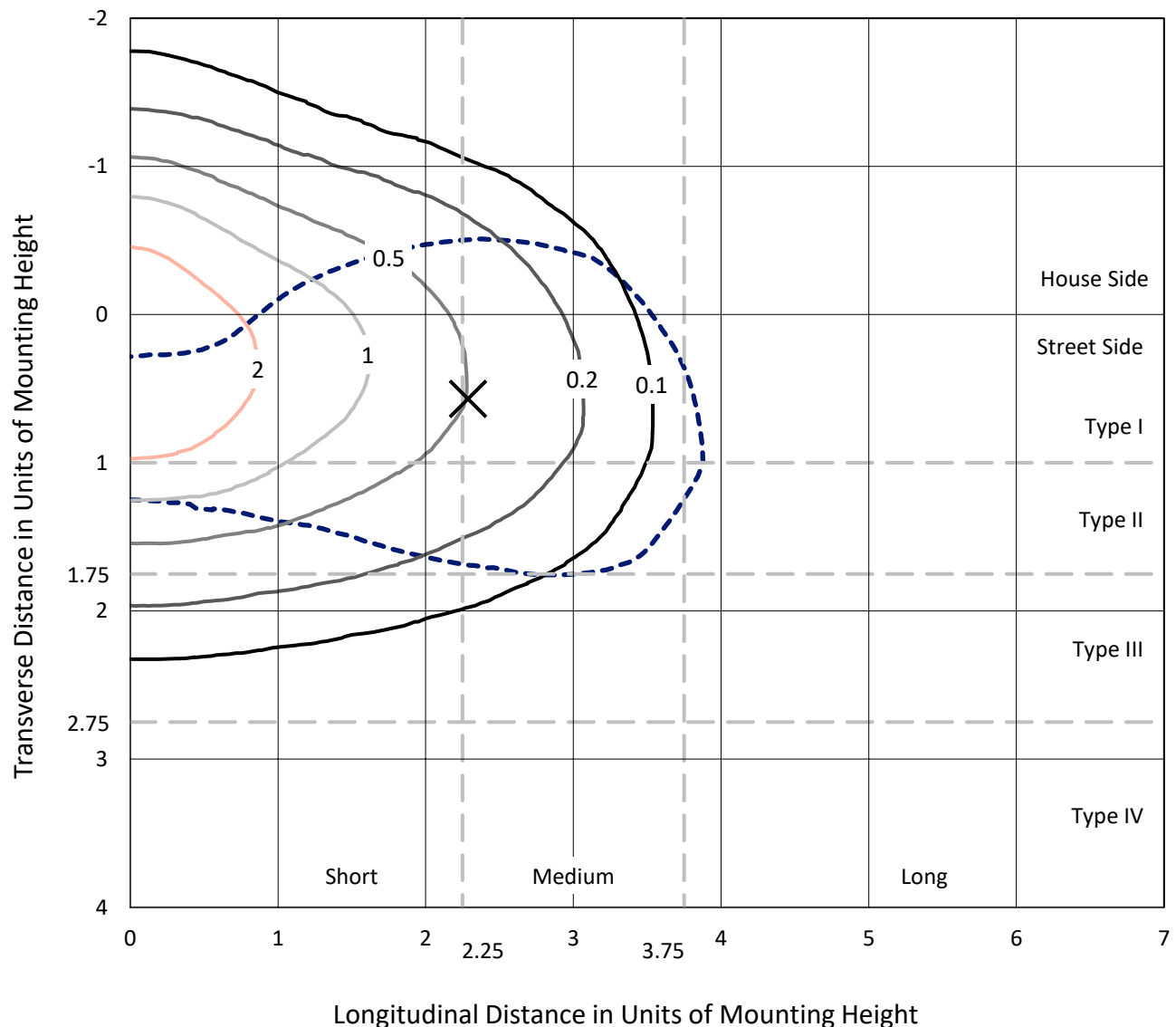
Lumens per Lamp: N/A
Luminaire Lumens: 3759.1 lumens
Efficiency: N/A
Efficacy: 141.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

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

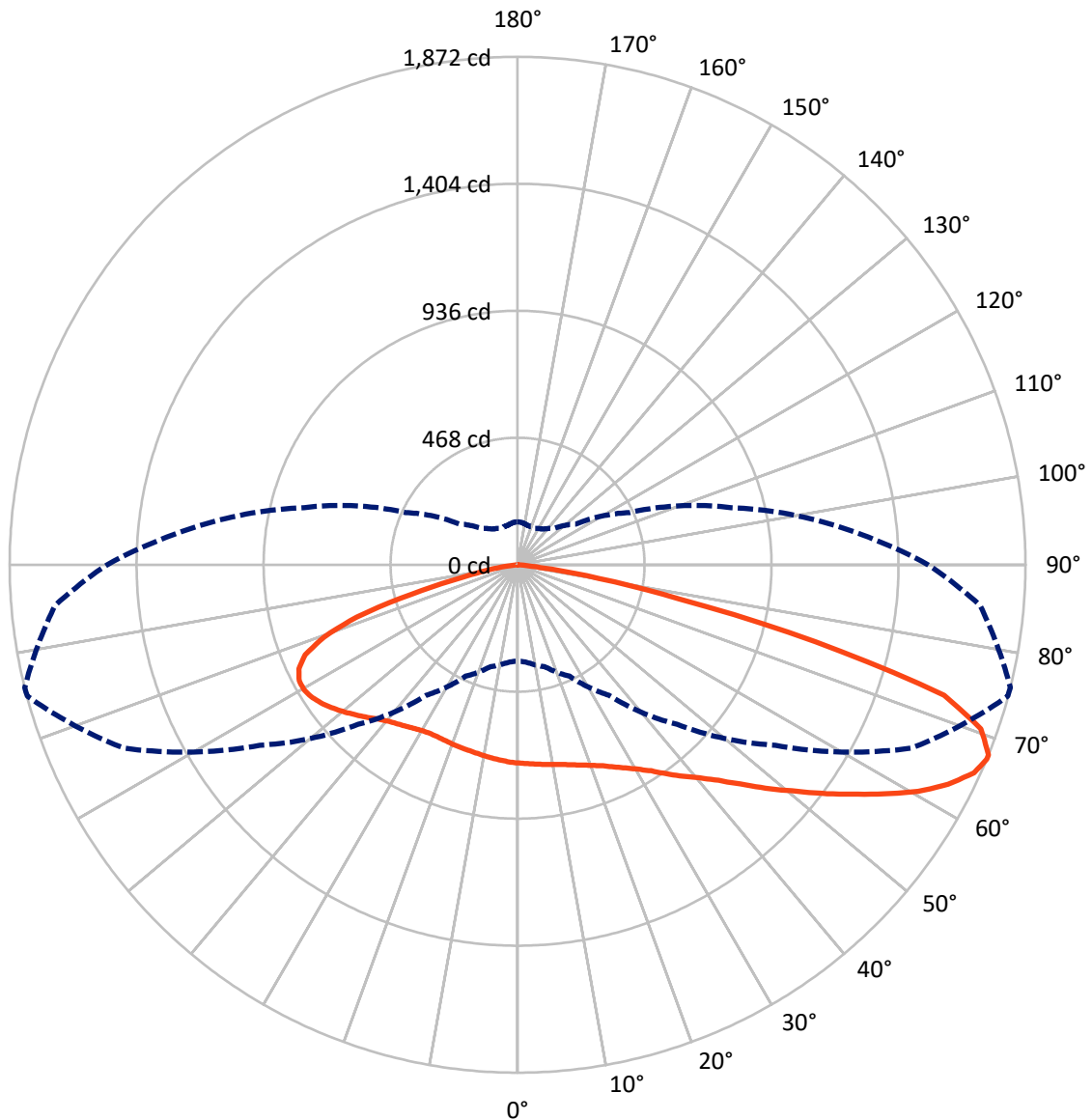
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1240.2	0.0	1240.2
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2518.9	0.0	2518.9
	% Fixture	67.0	0.0	67.0
Total	Lumens	3759.1	0.0	3759.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.2	1.9
10°-20°	214.9	5.7
20°-30°	369.7	9.8
30°-40°	531.2	14.1
40°-50°	673.7	17.9
50°-60°	739.8	19.7
60°-70°	717.5	19.1
70°-80°	396.1	10.5
80°-90°	45.9	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°	3759.1	100.0
0°-180°	3759.1	100.0

Coefficient of Utilization



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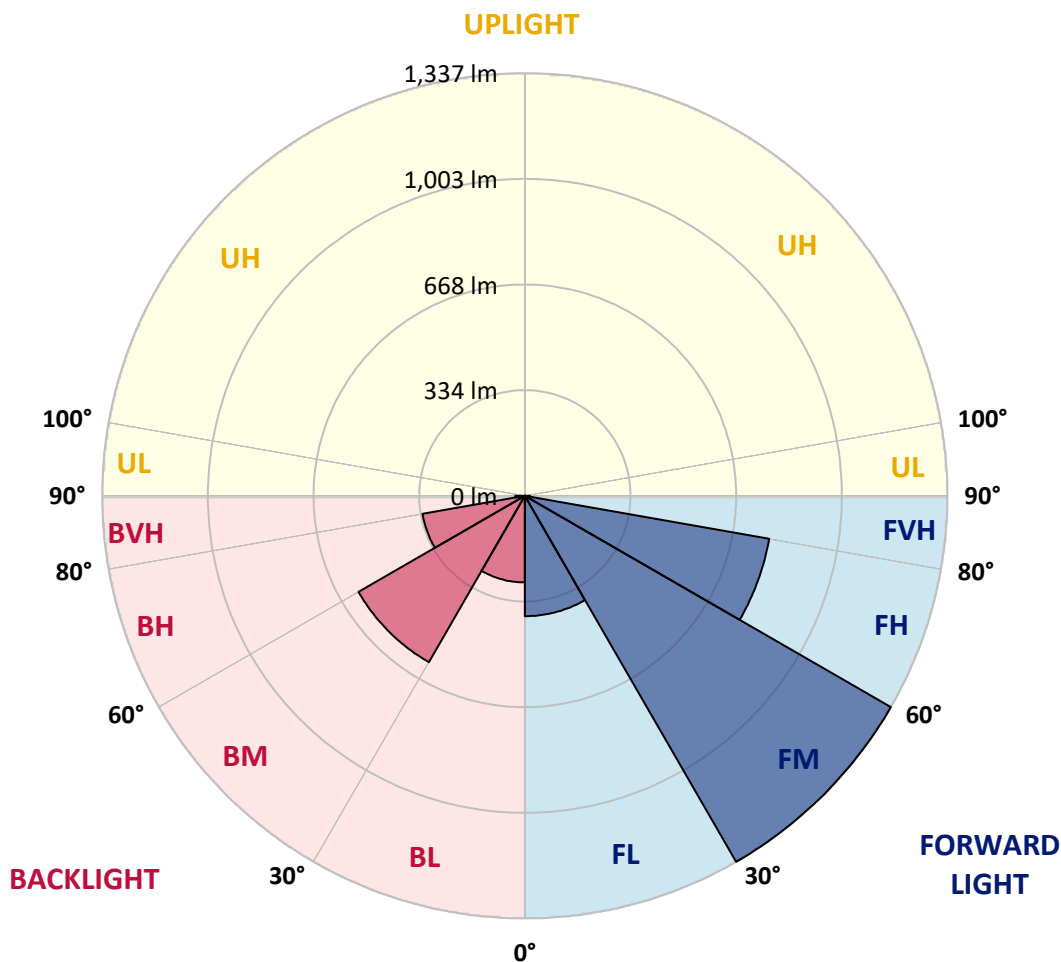
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	380.8	10.1			
FM	(30°-60°)	1337.0	35.6			
FH	(60°-80°)	784.9	20.9			G1/1800
FVH	(80°-90°)	16.2	0.4			G1/100
BL	(0°-30°)	274.0	7.3	B1/500		
BM	(30°-60°)	607.7	16.2	B1/1000		
BH	(60°-80°)	328.7	8.7	B1/500		G1/500
BVH	(80°-90°)	29.7	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°	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7
2.5°	752.5	751.8	751.1	751.1	748.2	745.3	742.4	740.2	734.4	733.6	730.7
5°	775.1	775.1	772.9	772.2	767.8	760.5	754.0	747.4	739.4	738.0	731.4
7.5°	804.2	804.2	800.5	797.6	791.1	779.4	767.8	756.2	744.5	743.1	732.9
10°	841.2	841.2	838.3	831.8	818.0	802.7	783.8	765.6	750.4	748.9	734.4
12.5°	879.8	880.5	876.1	866.7	850.0	826.7	803.4	777.3	757.6	755.4	737.3
15°	919.0	919.8	916.9	906.7	884.1	855.8	824.5	793.2	767.1	764.9	741.6
17.5°	957.6	959.0	956.1	944.5	918.3	887.8	849.2	810.0	778.7	775.8	748.9
20°	993.9	993.9	993.9	980.8	955.4	920.5	876.1	830.3	791.8	788.9	757.6
22.5°	1026.6	1028.1	1030.3	1023.0	993.9	955.4	907.4	852.9	808.5	804.9	768.5
25°	1059.4	1060.1	1065.9	1060.8	1032.5	992.5	940.8	881.2	828.9	825.2	781.6
27.5°	1097.2	1099.4	1103.0	1100.8	1068.8	1029.6	977.9	912.5	851.4	847.8	797.6
30°	1141.5	1141.5	1143.7	1140.1	1108.1	1068.8	1015.0	945.2	879.8	874.0	817.2
32.5°	1177.9	1181.5	1180.1	1178.6	1145.2	1105.9	1052.8	981.6	912.5	905.2	844.1
35°	1212.0	1212.8	1212.0	1213.5	1180.1	1143.0	1092.8	1023.7	948.8	945.9	878.3
37.5°	1231.7	1233.1	1236.8	1241.1	1211.3	1176.4	1132.8	1070.3	993.9	988.8	919.0
40°	1241.1	1243.3	1262.9	1269.5	1237.5	1208.4	1175.0	1112.4	1037.5	1031.7	959.8
42.5°	1255.7	1273.1	1283.3	1284.8	1257.1	1231.7	1211.3	1160.4	1091.4	1086.3	1014.3
45°	1207.7	1201.1	1228.0	1259.3	1257.9	1246.9	1246.2	1214.2	1157.5	1152.4	1076.1
47.5°	1147.3	1142.2	1156.8	1202.6	1235.3	1253.5	1280.4	1277.5	1237.5	1230.2	1148.1
50°	1003.4	1012.1	1083.4	1145.9	1202.6	1255.7	1309.5	1343.7	1315.3	1309.5	1224.4
52.5°	868.9	874.7	923.4	1072.4	1160.4	1249.1	1334.9	1413.5	1406.2	1399.6	1308.0
55°	774.3	780.2	858.0	953.2	1097.9	1215.7	1351.7	1479.6	1498.5	1492.0	1396.7
57.5°	675.5	684.9	738.0	821.6	1014.3	1160.4	1357.5	1546.5	1598.9	1593.0	1481.8
60°	580.2	593.3	624.6	715.5	911.0	1095.0	1342.2	1600.3	1695.6	1695.6	1569.8
62.5°	492.2	499.5	532.2	614.4	780.2	1011.4	1303.7	1634.5	1784.3	1780.6	1646.8
65°	419.5	423.2	449.3	519.9	670.4	919.0	1236.8	1632.3	1847.5	1848.2	1697.7
67°	354.1	359.9	389.0	453.0	586.8	831.8	1159.7	1599.6	1870.1	1871.5	1710.1
67.5°	331.6	338.1	370.1	436.3	569.3	807.8	1141.5	1585.8	1868.6	1871.5	1706.5
70°	228.3	229.8	283.6	359.2	468.2	680.6	1015.7	1489.8	1813.3	1811.2	1627.2
72.5°	145.4	143.2	194.9	262.5	376.6	551.1	857.2	1321.8	1645.4	1643.2	1434.5
75°	96.7	98.9	131.6	187.6	264.7	426.1	668.2	997.6	1143.0	1134.3	946.7
77.5°	69.1	67.6	81.4	135.2	177.4	258.8	362.8	530.8	607.1	607.1	519.9
80°	37.8	38.5	44.4	74.9	100.3	101.1	136.0	266.1	296.7	303.2	252.3
82.5°	10.9	11.6	16.0	25.4	27.6	30.5	47.3	76.3	80.0	84.3	68.3
85°	0.0	0.0	0.0	0.7	2.9	3.6	3.6	4.4	7.3	7.3	8.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.9	2.9	3.6
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°	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7
2.5°	730.0	730.7	727.8	724.2	721.3	719.8	715.5	711.8	714.0	716.2	716.2
5°	729.3	728.5	722.7	716.2	711.8	708.9	701.6	696.5	697.3	699.5	698.7
7.5°	729.3	726.4	718.4	708.9	701.6	695.8	686.4	680.6	679.8	681.3	679.8
10°	730.0	724.9	714.0	700.9	690.7	682.0	670.4	663.8	661.6	662.4	660.9
12.5°	731.4	723.4	709.6	692.9	679.8	668.2	655.1	647.1	645.7	647.1	647.1
15°	733.6	723.4	706.0	685.6	668.2	655.1	642.0	634.7	634.7	635.5	635.5
17.5°	738.0	725.6	703.1	677.6	656.6	642.0	630.4	625.3	626.0	628.2	628.2
20°	742.4	728.5	700.2	669.6	646.4	629.7	620.2	616.6	619.5	622.4	622.4
22.5°	748.9	732.2	697.3	662.4	634.7	618.0	610.0	607.1	610.0	613.7	612.2
25°	759.1	738.7	695.1	655.8	623.8	605.7	597.7	594.8	596.2	599.1	599.1
27.5°	770.7	746.7	694.4	647.8	610.8	591.1	581.7	577.3	577.3	578.0	578.8
30°	790.3	760.5	697.3	642.0	599.1	575.9	563.5	556.9	556.2	559.1	559.1
32.5°	813.6	779.4	704.5	636.9	587.5	557.7	541.0	535.9	534.4	536.6	534.4
35°	839.8	800.5	714.0	636.2	575.9	538.0	519.1	513.3	509.0	507.5	506.1
37.5°	876.9	829.6	723.4	632.6	564.2	517.0	496.6	484.2	479.1	477.7	477.7
40°	913.2	858.0	735.1	626.7	550.4	495.9	466.8	453.0	450.8	450.8	450.8
42.5°	959.0	895.0	751.1	623.1	533.7	474.8	434.8	418.8	418.8	418.8	418.1
45°	1015.7	943.8	771.4	621.7	517.7	449.3	400.6	379.5	378.8	378.1	377.4
47.5°	1081.9	994.7	791.1	618.0	498.8	418.8	361.4	338.1	333.0	331.6	329.4
50°	1150.2	1049.9	812.2	612.9	476.2	383.2	324.3	297.4	286.5	282.8	284.3
52.5°	1223.0	1103.7	832.5	605.7	449.3	347.5	286.5	258.1	247.2	242.8	242.1
55°	1294.2	1158.2	851.4	596.2	420.3	311.2	254.5	226.9	217.4	215.9	215.9
57.5°	1366.2	1210.6	866.0	582.4	388.3	279.2	226.9	204.3	197.8	200.7	200.7
60°	1431.6	1256.4	873.2	563.5	356.3	250.1	205.0	188.3	185.4	192.7	192.0
62.5°	1490.5	1286.9	869.6	535.9	325.0	225.4	188.3	176.0	176.7	185.4	186.1
65°	1518.9	1292.0	848.5	498.1	290.1	204.3	170.9	159.2	160.7	170.1	172.3
67°	1512.3	1272.4	813.6	455.2	261.8	188.3	160.0	148.3	149.1	157.1	157.8
67.5°	1505.1	1262.9	804.2	442.1	254.5	185.4	157.1	146.1	147.6	154.9	154.9
70°	1408.4	1167.0	716.9	375.2	220.3	165.0	143.2	136.0	137.4	141.8	141.8
72.5°	1231.0	1010.6	580.2	301.0	186.9	146.1	129.4	125.1	125.1	125.1	121.4
75°	785.3	633.3	379.5	230.5	154.1	125.1	116.3	111.2	108.3	112.7	111.2
77.5°	434.1	330.8	197.8	132.3	111.2	104.0	101.1	98.9	98.2	108.3	105.4
80°	205.8	163.6	111.2	75.6	64.0	77.1	87.3	85.8	102.5	140.3	141.1
82.5°	65.4	53.8	45.1	41.4	42.9	55.3	67.6	77.8	133.1	150.5	148.3
85°	8.0	7.3	5.1	16.7	28.4	40.7	52.4	101.1	122.2	101.8	96.0
87.5°	2.9	2.9	2.9	11.6	21.8	31.3	47.3	101.8	74.9	68.3	62.5
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)