

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: P1211822

Luminaire Tested: **GKO-PB1E-735-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211822
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-735-U-T3
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4930.5 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

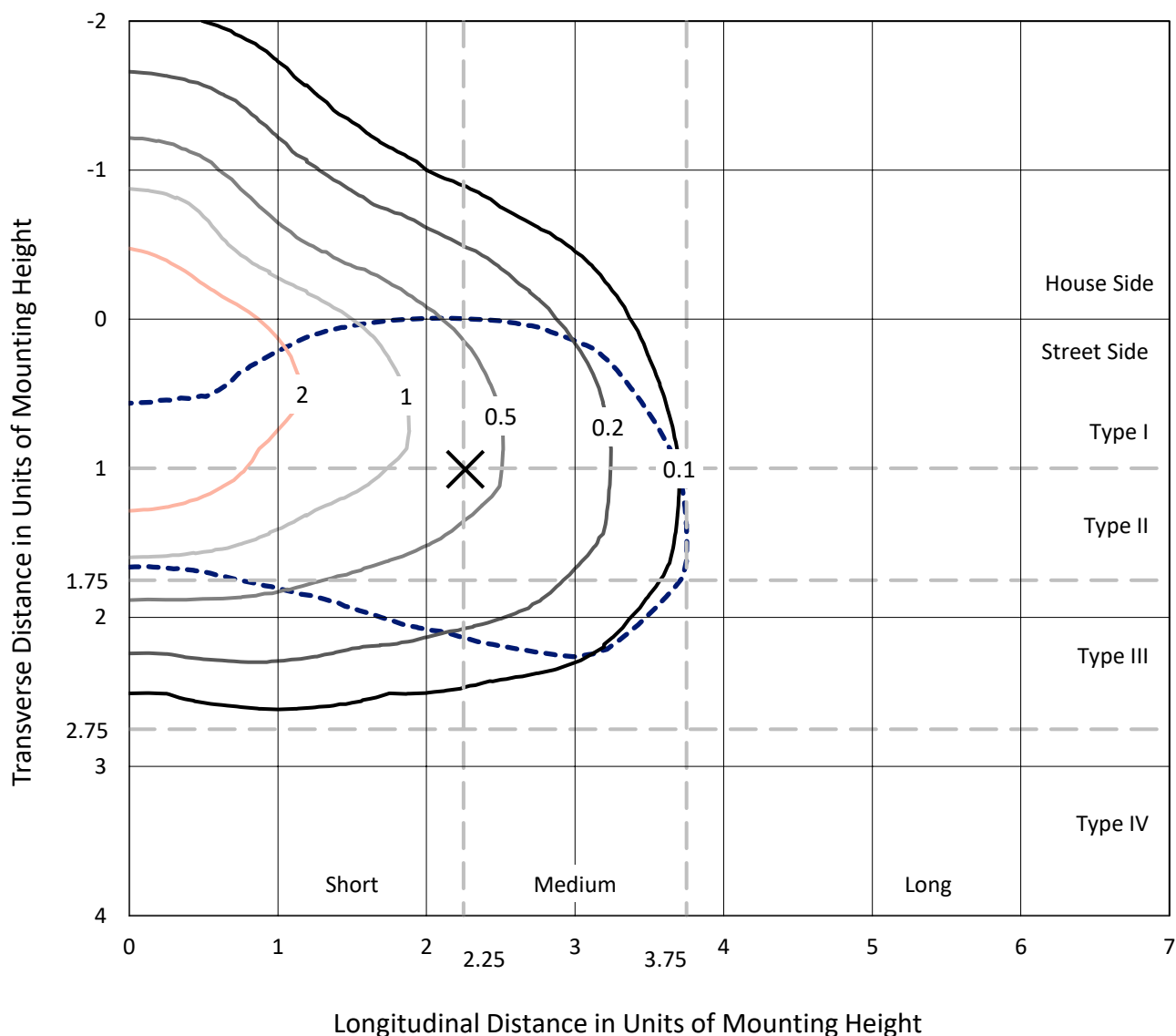
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

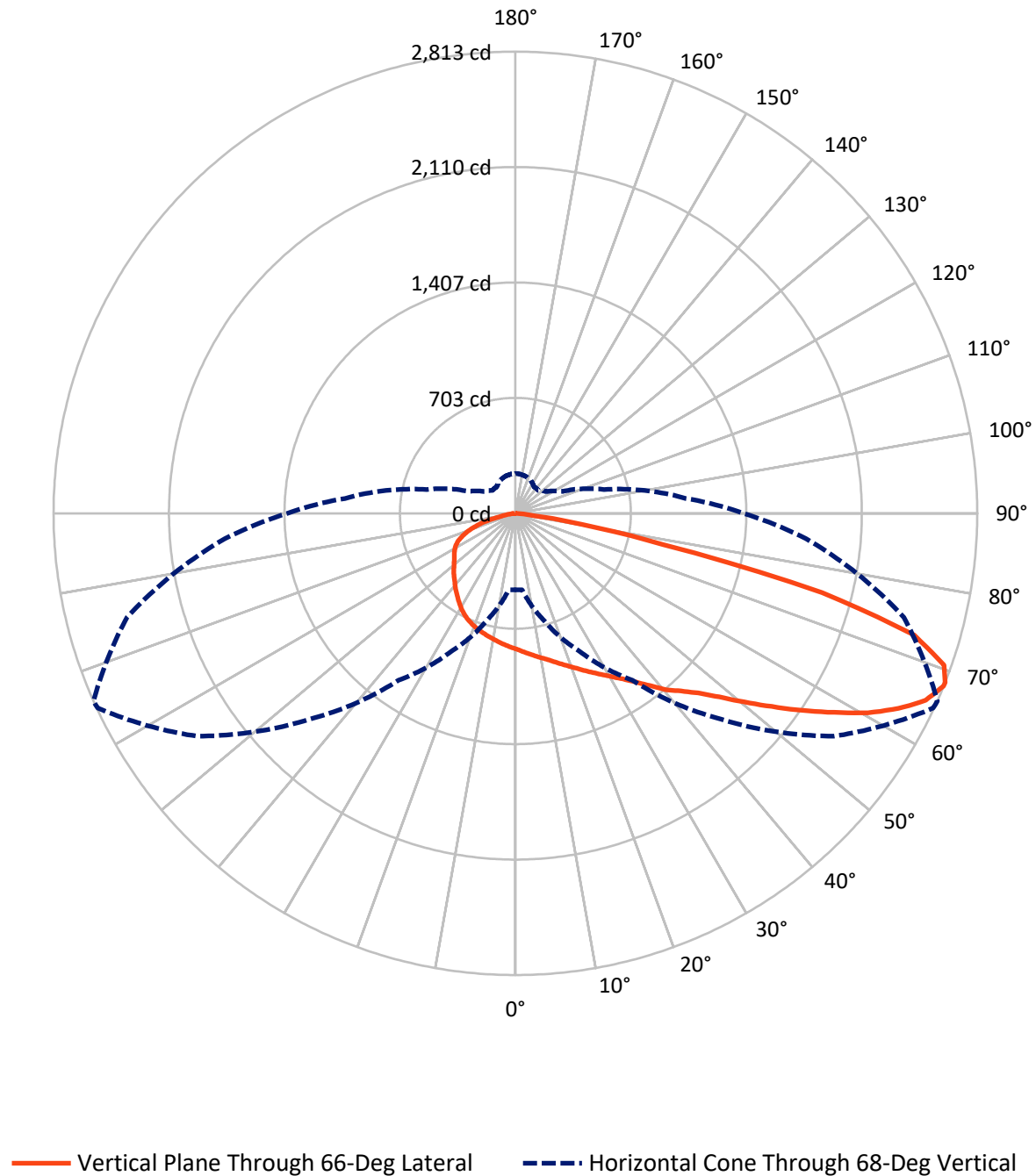
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.2 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	1262.3	0.0	1262.3
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3668.2	0.0	3668.2
	% Fixture	74.4	0.0	74.4
Total	Lumens	4930.5	0.0	4930.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.3	1.6
10°-20°	238.5	4.8
20°-30°	410.9	8.3
30°-40°	637.4	12.9
40°-50°	873.2	17.7
50°-60°	1041.7	21.1
60°-70°	1043.8	21.2
70°-80°	552.4	11.2
80°-90°	53.3	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°	4930.5	100.0
0°-180°	4930.5	100.0



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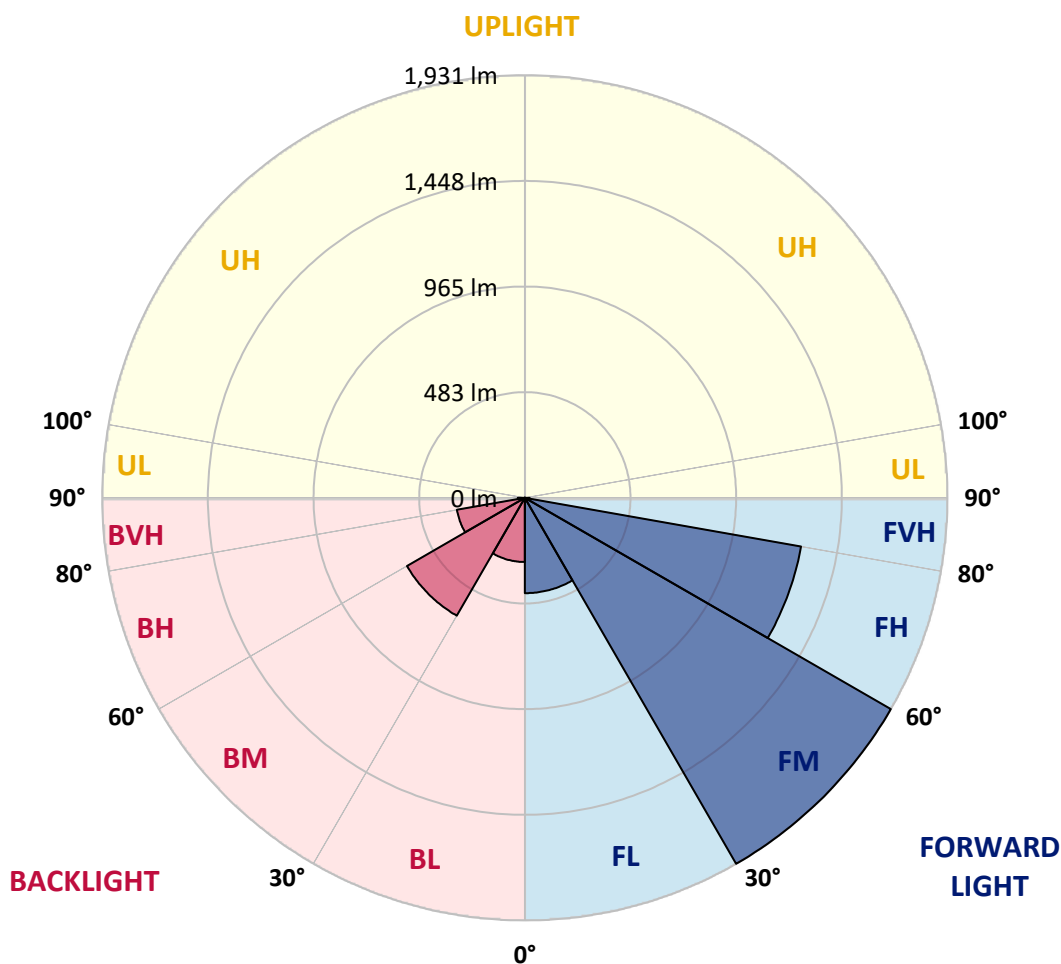
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	435.5	8.8			
FM	(30°-60°)	1930.5	39.2			
FH	(60°-80°)	1281.2	26.0			G1/1800
FVH	(80°-90°)	21.0	0.4			G1/100
BL	(0°-30°)	293.2	5.9	B1/500		
BM	(30°-60°)	621.8	12.6	B1/1000		
BH	(60°-80°)	314.9	6.4	B1/500		G1/500
BVH	(80°-90°)	32.4	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°	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9
2.5°	861.4	861.4	859.5	858.5	857.6	851.8	848.0	843.2	843.2	835.6	828.9
5°	891.1	892.0	888.2	888.2	884.4	876.7	869.1	859.5	859.5	848.0	834.6
7.5°	916.9	919.8	916.0	916.0	912.1	903.5	891.1	877.7	877.7	861.4	842.3
10°	941.8	943.7	941.8	943.7	938.0	930.3	916.0	897.8	896.8	876.7	849.9
12.5°	961.9	963.8	964.8	967.6	962.9	957.1	943.7	920.7	917.9	893.9	859.5
15°	981.0	983.0	985.8	989.7	988.7	983.9	971.5	945.6	943.7	913.1	871.9
17.5°	996.4	997.3	1003.1	1010.7	1012.6	1013.6	1000.2	973.4	971.5	935.1	885.3
20°	1018.4	1020.3	1026.0	1033.7	1039.4	1043.3	1032.7	1003.1	1001.1	960.9	902.6
22.5°	1068.1	1065.3	1068.1	1068.1	1071.0	1076.8	1069.1	1039.4	1035.6	991.6	923.6
25°	1161.9	1159.1	1151.4	1134.2	1115.0	1114.1	1105.5	1076.8	1072.0	1023.2	943.7
27.5°	1293.1	1286.4	1272.0	1235.6	1189.7	1160.0	1146.6	1117.0	1111.2	1054.7	962.9
30°	1431.8	1439.5	1415.6	1365.8	1281.6	1218.4	1192.6	1159.1	1154.3	1090.2	985.8
32.5°	1593.6	1594.6	1570.6	1501.7	1392.6	1292.1	1248.1	1206.9	1203.1	1131.3	1016.5
35°	1687.4	1691.2	1680.7	1616.6	1492.1	1373.5	1315.1	1265.3	1262.4	1183.0	1054.7
37.5°	1785.0	1793.6	1777.4	1706.5	1567.8	1449.1	1389.7	1335.2	1332.3	1242.3	1102.6
40°	1929.5	1925.7	1908.5	1804.2	1638.6	1512.2	1463.4	1420.4	1413.7	1315.1	1151.4
42.5°	2033.9	2043.4	2006.1	1888.4	1716.1	1575.4	1537.1	1488.3	1479.7	1359.1	1180.1
45°	2069.3	2060.7	2019.5	1933.4	1817.6	1632.8	1607.0	1569.7	1561.1	1436.6	1236.6
47.5°	2076.9	2061.6	2025.3	1960.2	1903.7	1707.5	1692.2	1683.6	1671.1	1534.3	1304.6
50°	2030.0	2019.5	2002.3	1969.7	1959.2	1777.4	1785.0	1816.6	1806.1	1639.5	1380.2
52.5°	1923.8	1919.0	1934.3	1955.4	1927.6	1837.7	1895.1	1959.2	1955.4	1755.4	1461.5
55°	1723.8	1723.8	1809.9	1883.6	1899.9	1876.9	2013.8	2123.8	2119.1	1885.5	1539.0
57.5°	1541.0	1543.8	1615.6	1781.2	1850.1	1919.0	2145.9	2296.1	2288.5	2032.0	1620.4
60°	1310.3	1310.3	1419.4	1627.1	1778.3	1951.6	2262.6	2462.7	2467.4	2173.6	1700.8
62.5°	1037.5	1040.4	1191.6	1435.7	1675.0	1957.3	2355.5	2619.6	2618.7	2301.9	1763.0
65°	764.7	765.7	971.5	1223.2	1519.9	1917.1	2406.2	2740.2	2746.0	2403.3	1799.4
67.5°	496.7	506.3	715.0	992.5	1300.7	1803.2	2379.4	2804.4	2811.1	2450.2	1787.9
68°	465.2	467.1	676.7	929.4	1241.4	1774.5	2367.0	2807.2	2813.0	2449.3	1776.4
70°	301.5	301.5	484.3	725.5	990.6	1595.5	2258.8	2762.2	2768.9	2407.1	1693.1
72.5°	162.7	165.6	276.6	439.3	676.7	1234.7	2038.7	2527.7	2539.2	2176.5	1480.7
75°	113.9	115.8	160.8	246.0	368.5	804.0	1593.6	1931.5	1929.5	1503.6	927.4
77.5°	82.3	82.3	91.9	153.1	193.3	367.5	788.7	930.3	919.8	734.1	468.0
80°	53.6	53.6	57.4	80.4	92.8	112.0	241.2	402.9	410.6	358.0	233.5
82.5°	22.0	23.0	24.9	32.5	33.5	46.9	68.9	115.8	112.0	90.9	66.0
85°	2.9	2.9	3.8	4.8	5.7	10.5	9.6	9.6	9.6	11.5	10.5
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	2.9	3.8	2.9
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°	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9	826.9
2.5°	826.9	826.9	821.2	815.5	809.7	804.9	798.2	793.4	794.4	797.3	796.3
5°	831.7	826.9	815.5	803.0	793.4	784.8	772.4	765.7	764.7	766.7	765.7
7.5°	834.6	826.9	809.7	790.6	775.3	763.8	746.6	739.9	737.0	737.9	737.9
10°	840.3	827.9	804.0	777.2	758.0	741.8	723.6	714.0	711.1	711.1	710.2
12.5°	847.0	829.8	798.2	765.7	740.8	721.7	700.6	690.1	687.2	687.2	686.3
15°	853.7	832.7	792.5	753.3	724.5	701.6	681.5	669.0	665.2	665.2	667.1
17.5°	862.4	835.6	786.8	741.8	707.3	681.5	660.4	648.0	643.2	646.1	648.0
20°	871.0	841.3	781.0	729.3	690.1	663.3	642.2	629.8	625.0	629.8	630.7
22.5°	883.4	846.1	774.3	715.0	672.9	643.2	624.0	612.6	609.7	614.5	618.3
25°	895.9	851.8	765.7	699.7	650.8	622.1	606.8	598.2	599.2	605.9	609.7
27.5°	909.3	856.6	757.1	680.5	626.9	600.1	588.6	586.7	590.5	598.2	603.0
30°	925.5	863.3	745.6	658.5	600.1	576.2	571.4	577.1	583.8	591.5	596.3
32.5°	946.6	871.9	734.1	633.6	572.4	550.3	558.0	570.4	578.1	585.8	590.5
35°	976.3	889.2	727.4	608.7	542.7	528.3	545.6	565.7	571.4	576.2	581.9
37.5°	1010.7	912.1	724.5	585.8	515.9	509.2	533.1	557.0	559.0	560.9	566.6
40°	1044.2	929.4	716.9	560.9	488.1	488.1	517.8	540.8	539.8	536.9	540.8
42.5°	1057.6	927.4	694.9	536.9	466.1	467.1	493.9	515.9	510.1	510.1	515.9
45°	1095.9	942.8	678.6	517.8	446.0	442.2	463.2	480.5	490.0	502.5	508.2
47.5°	1144.7	963.8	666.2	495.8	426.9	414.4	425.9	454.6	470.9	484.3	489.1
50°	1195.4	987.7	654.7	472.8	407.7	382.8	388.6	420.2	434.5	441.2	444.1
52.5°	1247.1	1009.8	646.1	453.7	385.7	345.5	358.0	387.6	398.2	402.0	403.9
55°	1293.1	1027.9	638.4	437.4	360.8	315.8	325.4	356.0	363.7	367.5	370.4
57.5°	1341.9	1048.0	633.6	422.1	333.1	290.0	296.7	324.5	335.0	338.8	341.7
60°	1384.9	1067.2	629.8	405.8	307.2	267.0	270.9	297.7	309.1	311.1	313.9
62.5°	1413.7	1079.6	624.0	385.7	283.3	245.0	246.0	271.8	284.3	286.2	288.1
65°	1421.3	1076.8	606.8	358.9	259.4	223.0	223.0	247.9	261.3	268.0	270.9
67.5°	1398.3	1052.8	570.4	324.5	236.4	202.9	202.9	224.9	239.3	246.9	249.8
68°	1390.7	1042.3	559.0	315.8	230.7	198.1	198.1	221.1	234.5	241.2	243.1
70°	1325.6	990.6	506.3	283.3	212.5	183.8	183.8	203.9	218.2	218.2	217.3
72.5°	1151.4	858.5	416.3	237.4	185.7	162.7	165.6	184.7	189.5	194.3	193.3
75°	713.1	514.0	279.5	187.6	156.0	142.6	148.4	165.6	168.5	179.0	176.1
77.5°	357.0	251.7	148.4	109.1	120.6	122.5	133.0	145.5	154.1	165.6	157.9
80°	176.1	122.5	87.1	68.0	70.8	90.0	115.8	125.4	140.7	148.4	141.7
82.5°	48.8	37.3	35.4	37.3	52.6	69.9	90.9	111.0	131.1	137.8	128.3
85°	8.6	6.7	5.7	18.2	36.4	51.7	73.7	98.6	117.7	112.9	106.2
87.5°	2.9	1.9	1.9	11.5	26.8	42.1	63.2	88.1	100.5	90.9	81.4
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)