

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: INVUE

Report Number: P674842

Luminaire Tested: **CCW-SA-2C-740-U-T2**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P674842
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-2C-740-U-T2
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
T2 distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9019 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

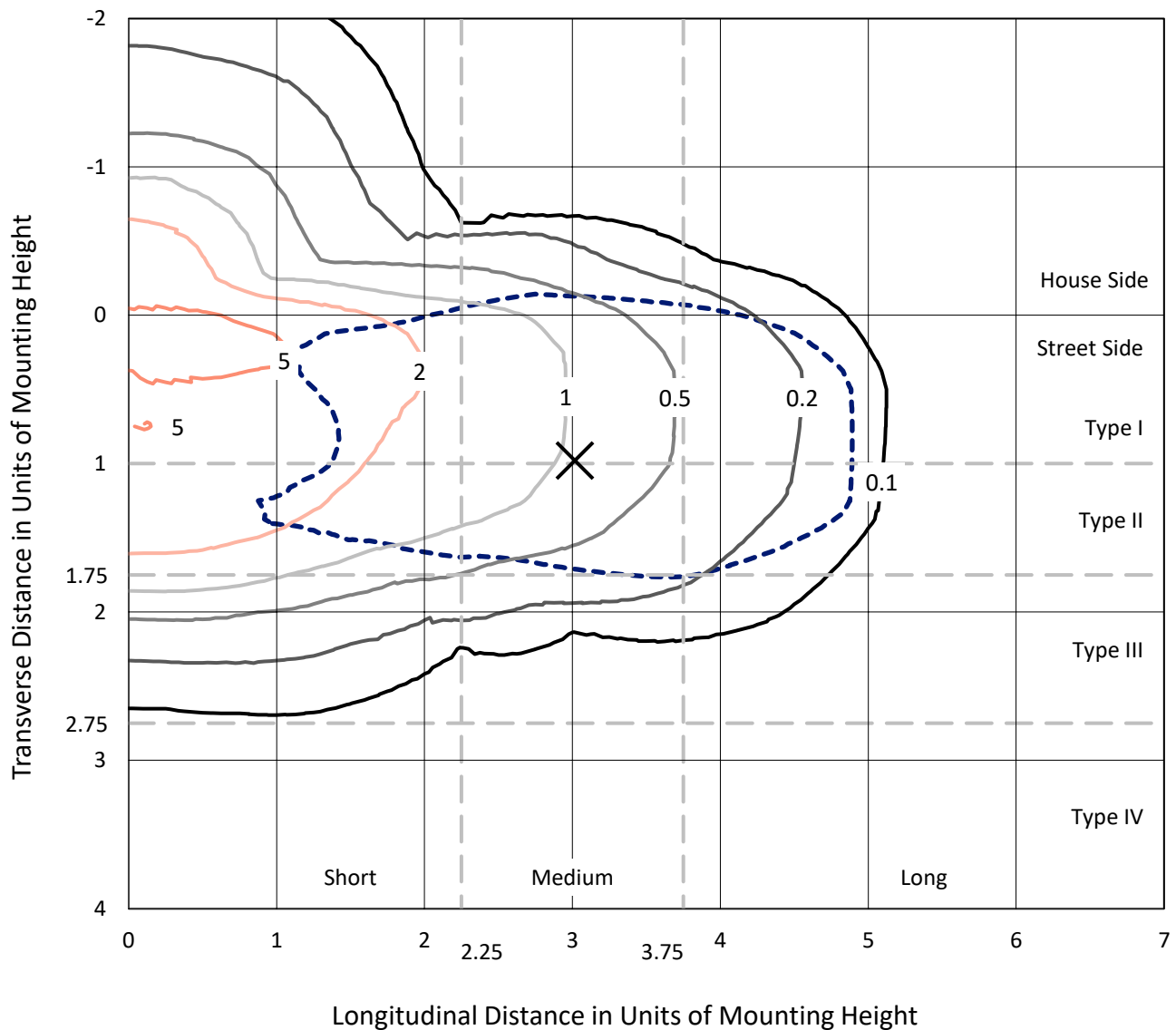
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

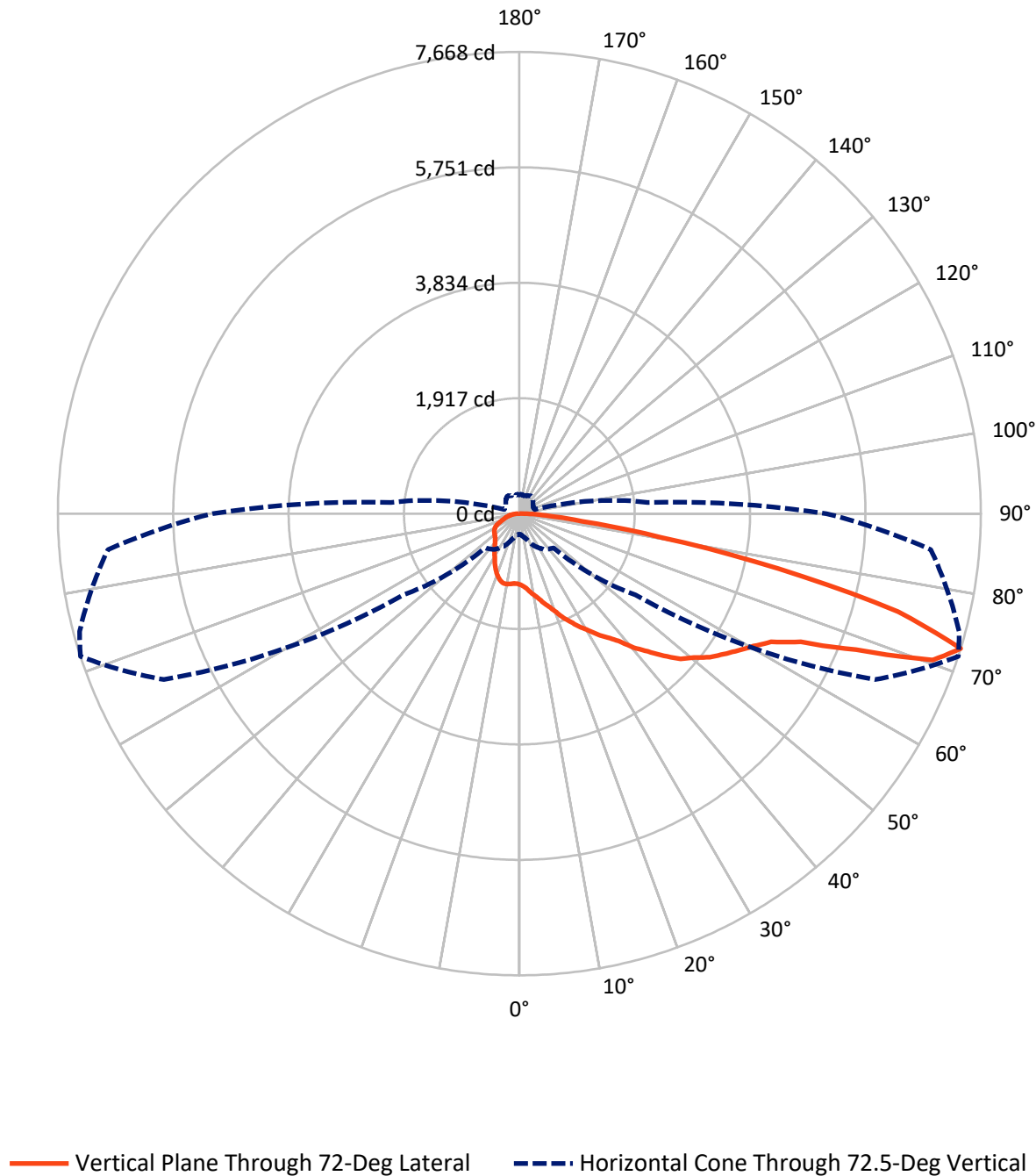


Based on 15 foot mounting height. Maximum calculated value = 6.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1898.1	0.0	1898.1
	% Fixture	21.0	0.0	21.0
Street Side	Lumens	7120.9	0.0	7120.9
	% Fixture	79.0	0.0	79.0
Total	Lumens	9019.0	0.0	9019.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.5	1.3
10°-20°	361.9	4.0
20°-30°	626.3	6.9
30°-40°	925.1	10.3
40°-50°	1375.7	15.3
50°-60°	1886.0	20.9
60°-70°	2045.7	22.7
70°-80°	1442.2	16.0
80°-90°	239.6	2.7
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°	9019.0	100.0
0°-180°	9019.0	100.0

Coefficient of Utilization



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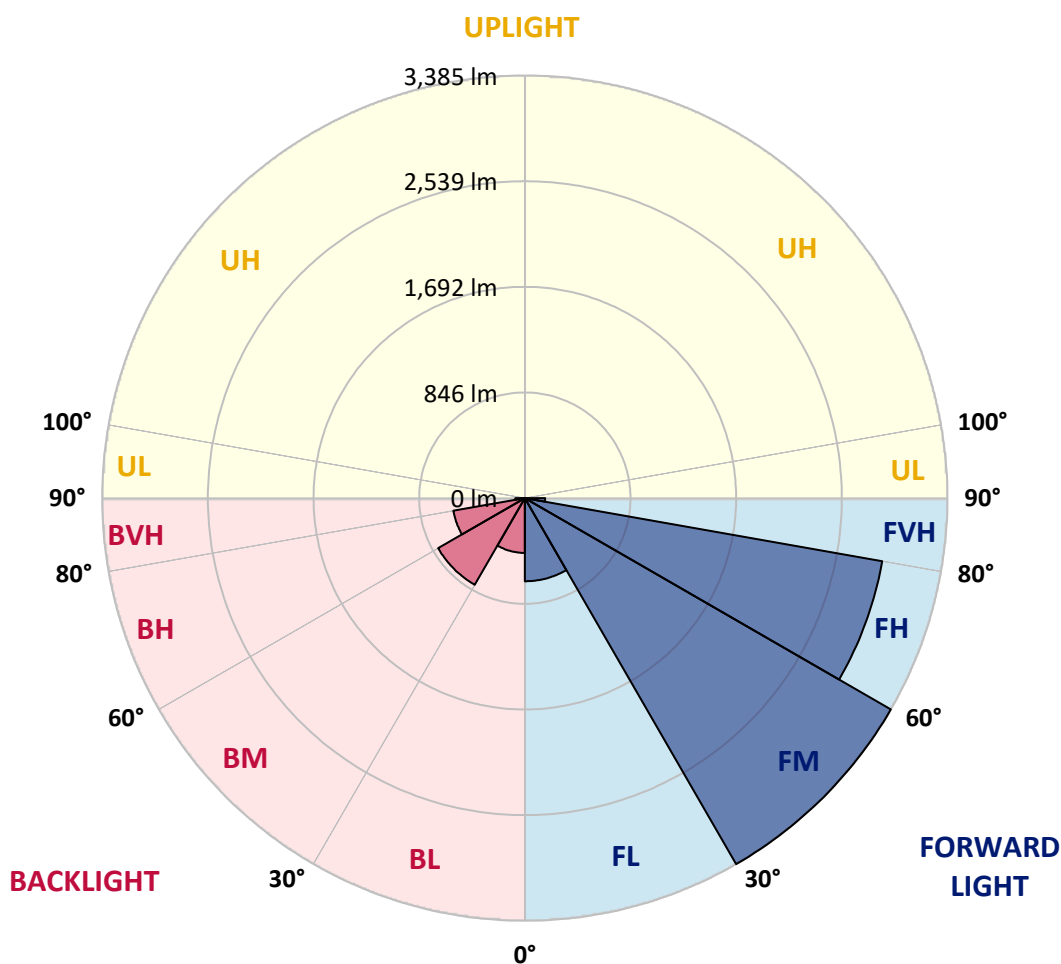
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	666.0	7.4			
FM	(30°-60°)	3385.0	37.5			
FH	(60°-80°)	2906.5	32.2			G2/5000
FVH	(80°-90°)	163.4	1.8			G2/225
BL	(0°-30°)	438.7	4.9	B1/500		
BM	(30°-60°)	801.7	8.9	B1/1000		
BH	(60°-80°)	581.4	6.4	B2/1000		G2/1000
BVH	(80°-90°)	76.3	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1
2.5°	1271.3	1271.3	1261.3	1258.0	1258.0	1231.4	1234.7	1218.1	1204.8	1204.8	1191.4
5°	1337.9	1331.2	1331.2	1331.2	1314.6	1304.6	1301.3	1271.3	1248.0	1251.3	1211.4
7.5°	1354.5	1357.8	1361.2	1377.8	1367.8	1374.5	1367.8	1334.5	1317.9	1301.3	1264.7
10°	1364.5	1371.2	1371.2	1394.5	1394.5	1411.1	1421.1	1407.8	1377.8	1361.2	1301.3
12.5°	1387.8	1377.8	1391.1	1407.8	1424.4	1454.4	1484.3	1471.0	1451.0	1431.1	1364.5
15°	1387.8	1391.1	1401.1	1427.7	1454.4	1484.3	1537.6	1557.5	1547.5	1510.9	1441.0
17.5°	1347.9	1337.9	1384.5	1434.4	1484.3	1520.9	1590.8	1637.4	1630.7	1617.4	1510.9
20°	1351.2	1361.2	1377.8	1421.1	1500.9	1567.5	1654.0	1730.6	1747.2	1740.6	1604.1
22.5°	1411.1	1414.4	1431.1	1451.0	1514.3	1600.8	1730.6	1853.7	1883.7	1867.0	1707.3
25°	1471.0	1497.6	1497.6	1510.9	1534.2	1624.1	1780.5	1953.6	1996.8	2000.2	1813.8
27.5°	1567.5	1574.2	1594.1	1600.8	1620.8	1674.0	1837.1	2026.8	2126.6	2113.3	1910.3
30°	1680.7	1684.0	1697.3	1690.6	1694.0	1760.5	1890.3	2110.0	2246.4	2249.8	2013.5
32.5°	1813.8	1840.4	1847.1	1803.8	1810.5	1827.1	1973.5	2209.8	2396.2	2372.9	2103.3
35°	2010.1	2020.1	2000.2	1980.2	1930.3	1920.3	2060.1	2309.7	2526.0	2552.6	2236.4
37.5°	2253.1	2279.7	2253.1	2146.6	2093.3	2053.4	2166.6	2419.5	2682.4	2772.3	2369.6
40°	2479.4	2476.1	2449.4	2352.9	2259.7	2229.8	2319.6	2572.6	2925.4	3011.9	2562.6
42.5°	2662.4	2652.5	2635.8	2562.6	2476.1	2426.1	2496.0	2732.3	3128.4	3294.8	2785.6
45°	2822.2	2808.9	2812.2	2729.0	2645.8	2672.4	2672.4	2915.4	3368.0	3574.3	3041.8
47.5°	2971.9	2978.6	2968.6	2905.4	2842.1	2912.0	2875.4	3125.0	3604.3	3833.9	3258.2
50°	3145.0	3158.3	3125.0	3085.1	3028.5	3098.4	3051.8	3321.4	3757.4	4070.2	3517.7
52.5°	3308.1	3321.4	3351.3	3301.4	3244.8	3301.4	3194.9	3504.4	3960.4	4299.8	3717.4
55°	3348.0	3341.4	3507.8	3561.0	3591.0	3421.2	3321.4	3660.8	4120.1	4446.3	3943.7
57.5°	3165.0	3181.6	3407.9	3561.0	3880.5	3734.1	3464.5	3843.9	4286.5	4639.3	4153.4
60°	2709.0	2719.0	3001.9	3364.7	3830.6	4026.9	3850.5	4080.2	4469.6	4802.4	4389.7
62.5°	1810.5	1887.0	2239.8	2808.9	3477.8	4106.8	4466.2	4479.5	4692.5	5008.7	4712.5
65°	955.1	991.8	1268.0	1727.3	2635.8	3830.6	5045.3	5271.6	5138.5	5388.1	5178.4
67.5°	625.7	639.0	788.7	1048.3	1520.9	2795.6	5111.9	6646.1	6033.7	6110.3	5923.9
70°	465.9	472.6	582.4	775.4	941.8	1494.3	4190.0	7288.4	7285.1	7082.1	6809.2
72.5°	342.8	352.8	429.3	592.4	725.5	805.4	2356.3	6519.6	7667.8	7564.6	6862.4
75°	269.6	276.2	316.2	459.3	585.7	529.2	1194.8	4829.0	6503.0	6998.9	6280.0
77.5°	219.7	226.3	249.6	332.8	469.3	409.3	572.4	3115.0	4409.7	5038.7	4805.7
80°	183.0	183.0	199.7	236.3	362.8	309.5	339.5	1750.6	2376.2	2622.5	2179.9
82.5°	156.4	153.1	166.4	173.1	269.6	223.0	219.7	792.1	1045.0	1108.2	818.7
85°	99.8	103.2	156.4	149.8	176.4	153.1	123.1	376.1	492.6	502.5	306.2
87.5°	39.9	39.9	66.6	83.2	99.8	93.2	59.9	169.7	216.3	216.3	86.5
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°	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1	1178.1
2.5°	1188.1	1174.8	1164.8	1158.2	1141.5	1124.9	1128.2	1124.9	1111.6	1104.9	1104.9
5°	1201.4	1188.1	1171.5	1144.8	1128.2	1108.2	1114.9	1101.6	1088.3	1098.3	1081.6
7.5°	1234.7	1211.4	1188.1	1148.2	1121.6	1091.6	1078.3	1071.6	1061.6	1055.0	1055.0
10°	1281.3	1248.0	1204.8	1144.8	1101.6	1055.0	1048.3	1035.0	1025.0	1025.0	1021.7
12.5°	1327.9	1291.3	1218.1	1121.6	1048.3	1015.1	1011.7	1015.1	1021.7	1025.0	1028.4
15°	1387.8	1327.9	1214.7	1078.3	1005.1	991.8	1008.4	1021.7	1035.0	1048.3	1045.0
17.5°	1444.4	1374.5	1184.8	1025.0	968.5	971.8	1001.7	1028.4	1055.0	1068.3	1071.6
20°	1520.9	1417.7	1141.5	961.8	931.9	961.8	1001.7	1035.0	1065.0	1081.6	1084.9
22.5°	1607.4	1467.7	1084.9	905.2	901.9	931.9	971.8	1021.7	1055.0	1084.9	1081.6
25°	1684.0	1500.9	1011.7	858.6	865.3	885.3	931.9	985.1	1018.4	1051.7	1041.7
27.5°	1733.9	1507.6	935.2	825.4	825.4	845.3	888.6	921.9	951.8	978.4	981.8
30°	1790.5	1494.3	848.7	782.1	782.1	808.7	825.4	845.3	862.0	868.6	875.3
32.5°	1857.0	1464.3	795.4	748.8	748.8	768.8	778.8	772.1	768.8	752.1	762.1
35°	1920.3	1421.1	735.5	705.5	718.9	728.8	725.5	705.5	685.6	655.6	645.6
37.5°	1996.8	1377.8	682.2	659.0	682.2	685.6	685.6	662.3	635.7	599.0	599.0
40°	2113.3	1344.5	639.0	629.0	652.3	649.0	632.3	615.7	625.7	605.7	605.7
42.5°	2236.4	1331.2	599.0	602.4	612.4	615.7	599.0	579.1	619.0	595.7	599.0
45°	2389.5	1341.2	572.4	569.1	592.4	589.1	579.1	562.4	575.8	515.8	499.2
47.5°	2532.6	1361.2	559.1	545.8	572.4	579.1	565.8	529.2	509.2	472.6	465.9
50°	2662.4	1404.4	545.8	519.2	545.8	559.1	535.8	495.9	472.6	449.3	449.3
52.5°	2785.6	1467.7	539.1	489.2	512.5	529.2	515.8	475.9	449.3	439.3	429.3
55°	2912.0	1524.2	529.2	469.3	475.9	509.2	505.9	452.6	426.0	426.0	422.7
57.5°	3091.8	1600.8	515.8	436.0	449.3	485.9	485.9	442.6	412.7	416.0	419.3
60°	3274.8	1690.6	502.5	402.7	412.7	462.6	469.3	429.3	402.7	406.0	402.7
62.5°	3567.7	1857.0	475.9	362.8	382.7	432.6	449.3	412.7	389.4	396.0	396.0
65°	4010.3	2143.3	419.3	329.5	352.8	406.0	429.3	396.0	369.4	389.4	382.7
67.5°	4722.5	2536.0	352.8	302.9	332.8	379.4	406.0	376.1	352.8	382.7	372.7
70°	5361.5	2729.0	302.9	279.6	302.9	349.4	379.4	356.1	332.8	362.8	349.4
72.5°	5101.9	2139.9	262.9	252.9	276.2	316.2	352.8	329.5	306.2	322.8	309.5
75°	4403.0	1704.0	229.6	226.3	246.3	286.2	322.8	306.2	282.9	289.5	282.9
77.5°	3338.0	1407.8	196.4	193.0	209.7	256.3	289.5	276.2	252.9	249.6	249.6
80°	1491.0	692.2	163.1	163.1	173.1	219.7	246.3	239.6	216.3	213.0	209.7
82.5°	489.2	262.9	133.1	126.5	139.8	183.0	219.7	213.0	189.7	183.0	176.4
85°	196.4	126.5	96.5	96.5	109.8	153.1	196.4	183.0	153.1	136.4	136.4
87.5°	66.6	53.2	49.9	49.9	69.9	103.2	146.4	123.1	109.8	96.5	99.8
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)