

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: P670635

Luminaire Tested: **CCP-SA-2D-722-U-T2**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P670635
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-722-U-T2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ T2
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8194.6 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

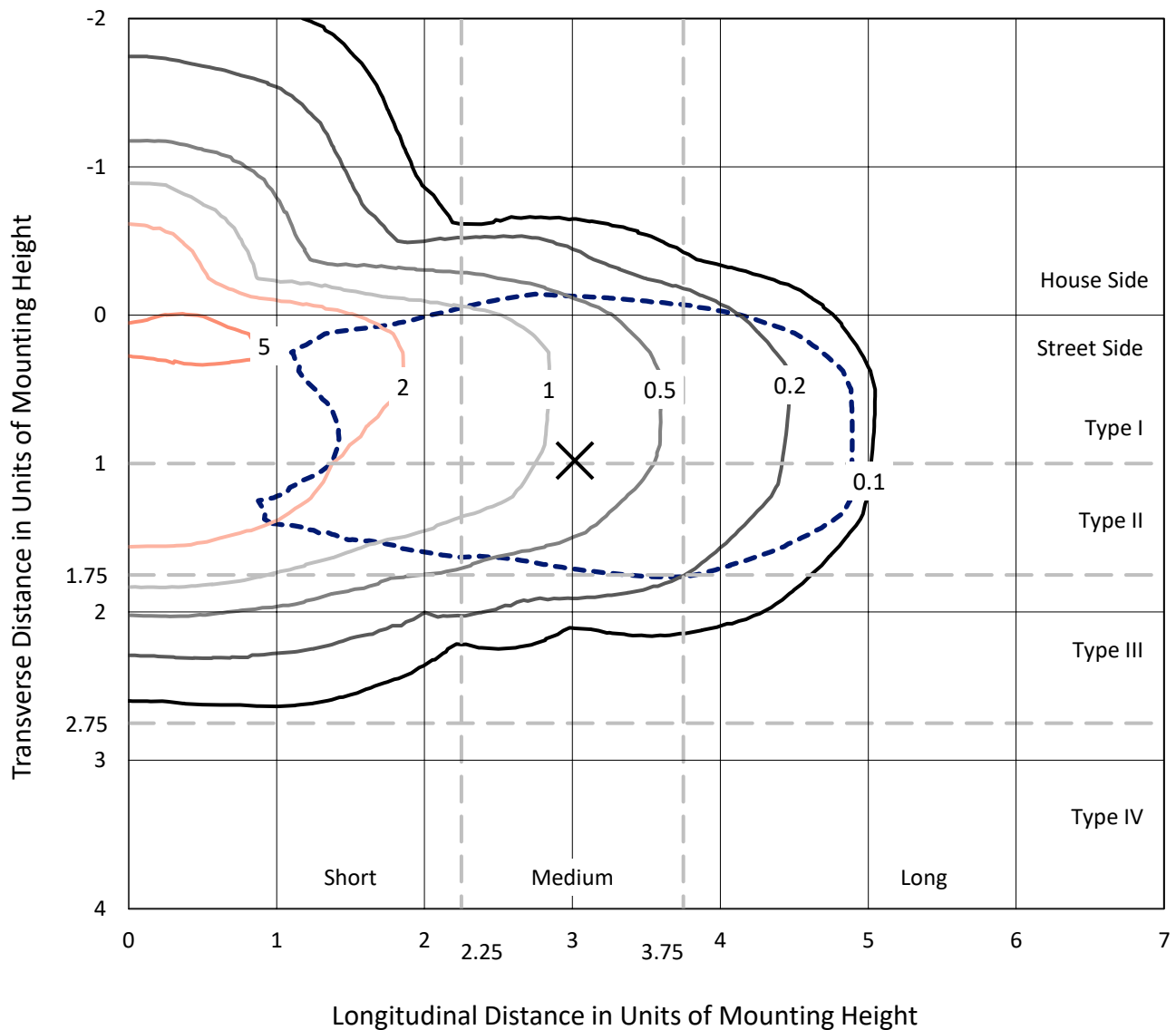
Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P670635

CATALOG NUMBER: CCP-SA-2D-722-U-T2

Iso-Footcandle Lines of Horizontal Illumination

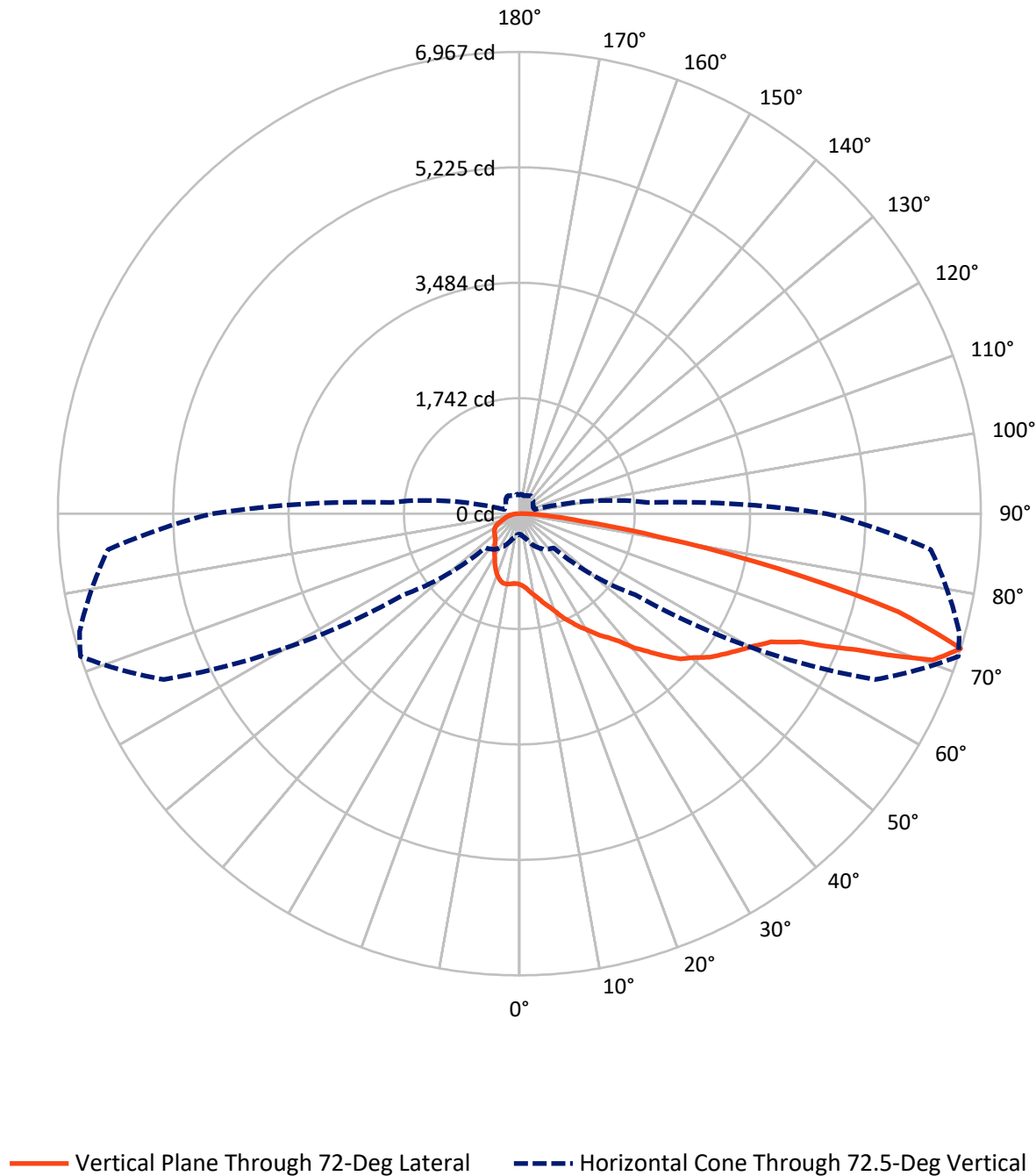
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.9 fc
Type II - Medium - N/A

REPORT NUMBER: P670635
CATALOG NUMBER: CCP-SA-2D-722-U-T2

Luminous Intensity Polar Plot



REPORT NUMBER: P670635

CATALOG NUMBER: CCP-SA-2D-722-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1724.6	0.0	1724.6
	% Fixture	21.0	0.0	21.0
Street Side	Lumens	6470.0	0.0	6470.0
	% Fixture	79.0	0.0	79.0
Total	Lumens	8194.6	0.0	8194.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.8	1.3
10°-20°	328.9	4.0
20°-30°	569.0	6.9
30°-40°	840.5	10.3
40°-50°	1249.9	15.3
50°-60°	1713.6	20.9
60°-70°	1858.7	22.7
70°-80°	1310.4	16.0
80°-90°	217.7	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°	8194.6	100.0
0°-180°	8194.6	100.0

Coefficient of Utilization



REPORT NUMBER: P670635

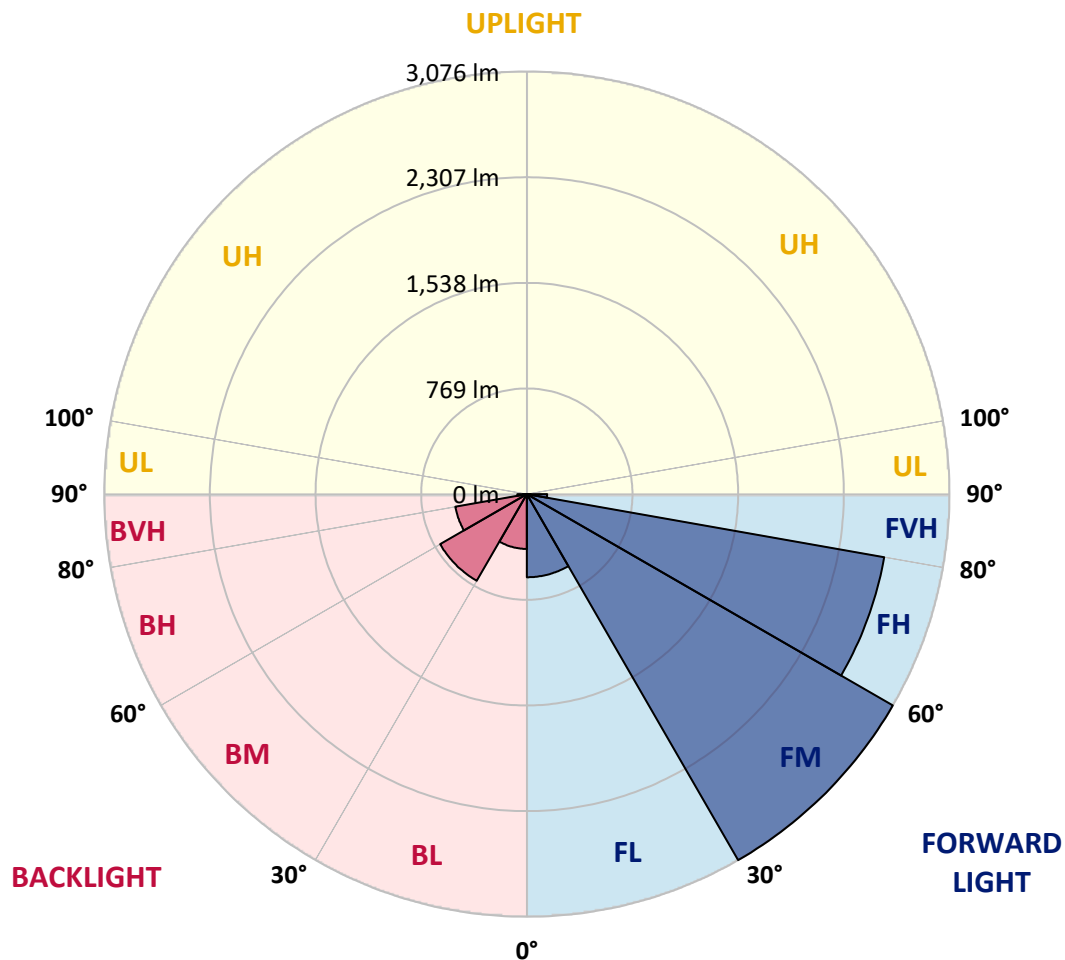
CATALOG NUMBER: CCP-SA-2D-722-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

			Zone Rating/Lumen Limit			
Zone		Lumens	% Fixture	B	U	G
FL	(0°-30°)	605.1	7.4			
FM	(30°-60°)	3075.6	37.5			
FH	(60°-80°)	2640.9	32.2			G2/5000
FVH	(80°-90°)	148.4	1.8			G2/225
BL	(0°-30°)	398.6	4.9	B1/500		
BM	(30°-60°)	728.4	8.9	B1/1000		
BH	(60°-80°)	528.3	6.4	B2/1000		G2/1000
BVH	(80°-90°)	69.3	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





REPORT NUMBER: P670635

CATALOG NUMBER: CCP-SA-2D-722-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4
2.5°	1155.1	1155.1	1146.0	1143.0	1143.0	1118.8	1121.9	1106.7	1094.6	1094.6	1082.5
5°	1215.6	1209.5	1209.5	1209.5	1194.4	1185.4	1182.3	1155.1	1133.9	1137.0	1100.7
7.5°	1230.7	1233.7	1236.8	1251.9	1242.8	1248.9	1242.8	1212.6	1197.5	1182.3	1149.1
10°	1239.8	1245.8	1245.8	1267.0	1267.0	1282.1	1291.2	1279.1	1251.9	1236.8	1182.3
12.5°	1261.0	1251.9	1264.0	1279.1	1294.2	1321.4	1348.6	1336.5	1318.4	1300.3	1239.8
15°	1261.0	1264.0	1273.0	1297.2	1321.4	1348.6	1397.0	1415.2	1406.1	1372.8	1309.3
17.5°	1224.7	1215.6	1257.9	1303.3	1348.6	1381.9	1445.4	1487.7	1481.7	1469.6	1372.8
20°	1227.7	1236.8	1251.9	1291.2	1363.8	1424.2	1502.9	1572.4	1587.5	1581.5	1457.5
22.5°	1282.1	1285.1	1300.3	1318.4	1375.9	1454.5	1572.4	1684.3	1711.5	1696.4	1551.2
25°	1336.5	1360.7	1360.7	1372.8	1394.0	1475.6	1617.8	1775.0	1814.3	1817.3	1648.0
27.5°	1424.2	1430.3	1448.4	1454.5	1472.6	1521.0	1669.2	1841.5	1932.2	1920.2	1735.7
30°	1527.1	1530.1	1542.2	1536.1	1539.1	1599.6	1717.6	1917.1	2041.1	2044.1	1829.4
32.5°	1648.0	1672.2	1678.2	1638.9	1645.0	1660.1	1793.2	2007.8	2177.2	2156.0	1911.1
35°	1826.4	1835.5	1817.3	1799.2	1753.8	1744.8	1871.8	2098.6	2295.1	2319.3	2032.0
37.5°	2047.2	2071.3	2047.2	1950.4	1902.0	1865.7	1968.5	2198.4	2437.2	2518.9	2153.0
40°	2252.8	2249.8	2225.6	2137.9	2053.2	2026.0	2107.6	2337.4	2658.0	2736.6	2328.4
42.5°	2419.1	2410.0	2394.9	2328.4	2249.8	2204.4	2267.9	2482.6	2842.4	2993.6	2531.0
45°	2564.2	2552.1	2555.2	2479.6	2404.0	2428.2	2428.2	2648.9	3060.2	3247.6	2763.8
47.5°	2700.3	2706.4	2697.3	2639.8	2582.4	2645.9	2612.6	2839.4	3274.8	3483.5	2960.4
50°	2857.6	2869.6	2839.4	2803.1	2751.7	2815.2	2772.9	3017.8	3413.9	3698.2	3196.2
52.5°	3005.7	3017.8	3045.0	2999.7	2948.3	2999.7	2902.9	3184.1	3598.4	3906.8	3377.7
55°	3042.0	3036.0	3187.2	3235.5	3262.8	3108.5	3017.8	3326.3	3743.5	4039.9	3583.3
57.5°	2875.7	2890.8	3096.4	3235.5	3525.8	3392.8	3147.8	3492.6	3894.7	4215.3	3773.8
60°	2461.4	2470.5	2727.5	3057.1	3480.5	3658.9	3498.6	3707.3	4061.1	4363.4	3988.5
62.5°	1645.0	1714.5	2035.1	2552.1	3159.9	3731.4	4058.0	4070.1	4263.7	4550.9	4281.8
65°	867.8	901.1	1152.1	1569.4	2394.9	3480.5	4584.2	4789.8	4668.8	4895.6	4705.1
67.5°	568.5	580.6	716.7	952.5	1381.9	2540.0	4644.7	6038.7	5482.3	5551.8	5382.5
70°	423.3	429.4	529.2	704.6	855.8	1357.7	3807.0	6622.3	6619.2	6434.8	6186.8
72.5°	311.5	320.5	390.1	538.2	659.2	731.8	2140.9	5923.8	6967.0	6873.2	6235.2
75°	244.9	251.0	287.3	417.3	532.2	480.8	1085.6	4387.6	5908.6	6359.2	5706.0
77.5°	199.6	205.6	226.8	302.4	426.4	371.9	520.1	2830.3	4006.6	4578.1	4366.5
80°	166.3	166.3	181.4	214.7	329.6	281.2	308.4	1590.6	2159.0	2382.8	1980.6
82.5°	142.1	139.1	151.2	157.2	244.9	202.6	199.6	719.7	949.5	1006.9	743.9
85°	90.7	93.7	142.1	136.1	160.3	139.1	111.9	341.7	447.5	456.6	278.2
87.5°	36.3	36.3	60.5	75.6	90.7	84.7	54.4	154.2	196.6	196.6	78.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P670635

CATALOG NUMBER: CCP-SA-2D-722-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4	1070.4
2.5°	1079.5	1067.4	1058.4	1052.3	1037.2	1022.1	1025.1	1022.1	1010.0	1003.9	1003.9
5°	1091.6	1079.5	1064.4	1040.2	1025.1	1006.9	1013.0	1000.9	988.8	997.9	982.8
7.5°	1121.9	1100.7	1079.5	1043.2	1019.0	991.8	979.7	973.7	964.6	958.6	958.6
10°	1164.2	1133.9	1094.6	1040.2	1000.9	958.6	952.5	940.4	931.4	931.4	928.3
12.5°	1206.5	1173.3	1106.7	1019.0	952.5	922.3	919.3	922.3	928.3	931.4	934.4
15°	1261.0	1206.5	1103.7	979.7	913.2	901.1	916.2	928.3	940.4	952.5	949.5
17.5°	1312.4	1248.9	1076.5	931.4	879.9	883.0	910.2	934.4	958.6	970.7	973.7
20°	1381.9	1288.2	1037.2	873.9	846.7	873.9	910.2	940.4	967.6	982.8	985.8
22.5°	1460.5	1333.5	985.8	822.5	819.5	846.7	883.0	928.3	958.6	985.8	982.8
25°	1530.1	1363.8	919.3	780.2	786.2	804.3	846.7	895.1	925.3	955.5	946.5
27.5°	1575.4	1369.8	849.7	749.9	749.9	768.1	807.4	837.6	864.8	889.0	892.0
30°	1626.8	1357.7	771.1	710.6	710.6	734.8	749.9	768.1	783.2	789.2	795.3
32.5°	1687.3	1330.5	722.7	680.4	680.4	698.5	707.6	701.5	698.5	683.4	692.5
35°	1744.8	1291.2	668.3	641.1	653.2	662.2	659.2	641.1	622.9	595.7	586.6
37.5°	1814.3	1251.9	619.9	598.7	619.9	622.9	622.9	601.7	577.6	544.3	544.3
40°	1920.2	1221.6	580.6	571.5	592.7	589.7	574.5	559.4	568.5	550.3	550.3
42.5°	2032.0	1209.5	544.3	547.3	556.4	559.4	544.3	526.2	562.4	541.3	544.3
45°	2171.1	1218.6	520.1	517.1	538.2	535.2	526.2	511.0	523.1	468.7	453.6
47.5°	2301.2	1236.8	508.0	495.9	520.1	526.2	514.1	480.8	462.7	429.4	423.3
50°	2419.1	1276.1	495.9	471.7	495.9	508.0	486.8	450.6	429.4	408.2	408.2
52.5°	2531.0	1333.5	489.9	444.5	465.7	480.8	468.7	432.4	408.2	399.2	390.1
55°	2645.9	1384.9	480.8	426.4	432.4	462.7	459.6	411.2	387.1	387.1	384.0
57.5°	2809.2	1454.5	468.7	396.1	408.2	441.5	441.5	402.2	375.0	378.0	381.0
60°	2975.5	1536.1	456.6	365.9	375.0	420.3	426.4	390.1	365.9	368.9	365.9
62.5°	3241.6	1687.3	432.4	329.6	347.7	393.1	408.2	375.0	353.8	359.8	359.8
65°	3643.8	1947.4	381.0	299.4	320.5	368.9	390.1	359.8	335.6	353.8	347.7
67.5°	4290.9	2304.2	320.5	275.2	302.4	344.7	368.9	341.7	320.5	347.7	338.7
70°	4871.4	2479.6	275.2	254.0	275.2	317.5	344.7	323.6	302.4	329.6	317.5
72.5°	4635.6	1944.3	238.9	229.8	251.0	287.3	320.5	299.4	278.2	293.3	281.2
75°	4000.6	1548.2	208.6	205.6	223.8	260.1	293.3	278.2	257.0	263.1	257.0
77.5°	3032.9	1279.1	178.4	175.4	190.5	232.8	263.1	251.0	229.8	226.8	226.8
80°	1354.7	629.0	148.2	148.2	157.2	199.6	223.8	217.7	196.6	193.5	190.5
82.5°	444.5	238.9	121.0	114.9	127.0	166.3	199.6	193.5	172.4	166.3	160.3
85°	178.4	114.9	87.7	87.7	99.8	139.1	178.4	166.3	139.1	124.0	124.0
87.5°	60.5	48.4	45.4	45.4	63.5	93.7	133.1	111.9	99.8	87.7	90.7
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)