

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: P674939

Luminaire Tested: **CCW-SA-1F-722-U-T3**

Issue Date: 04/25/2023



Test Information

Test Method: LM-79-08
Report Number: P674939
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1F-722-U-T3
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/
T3 distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5580.2 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

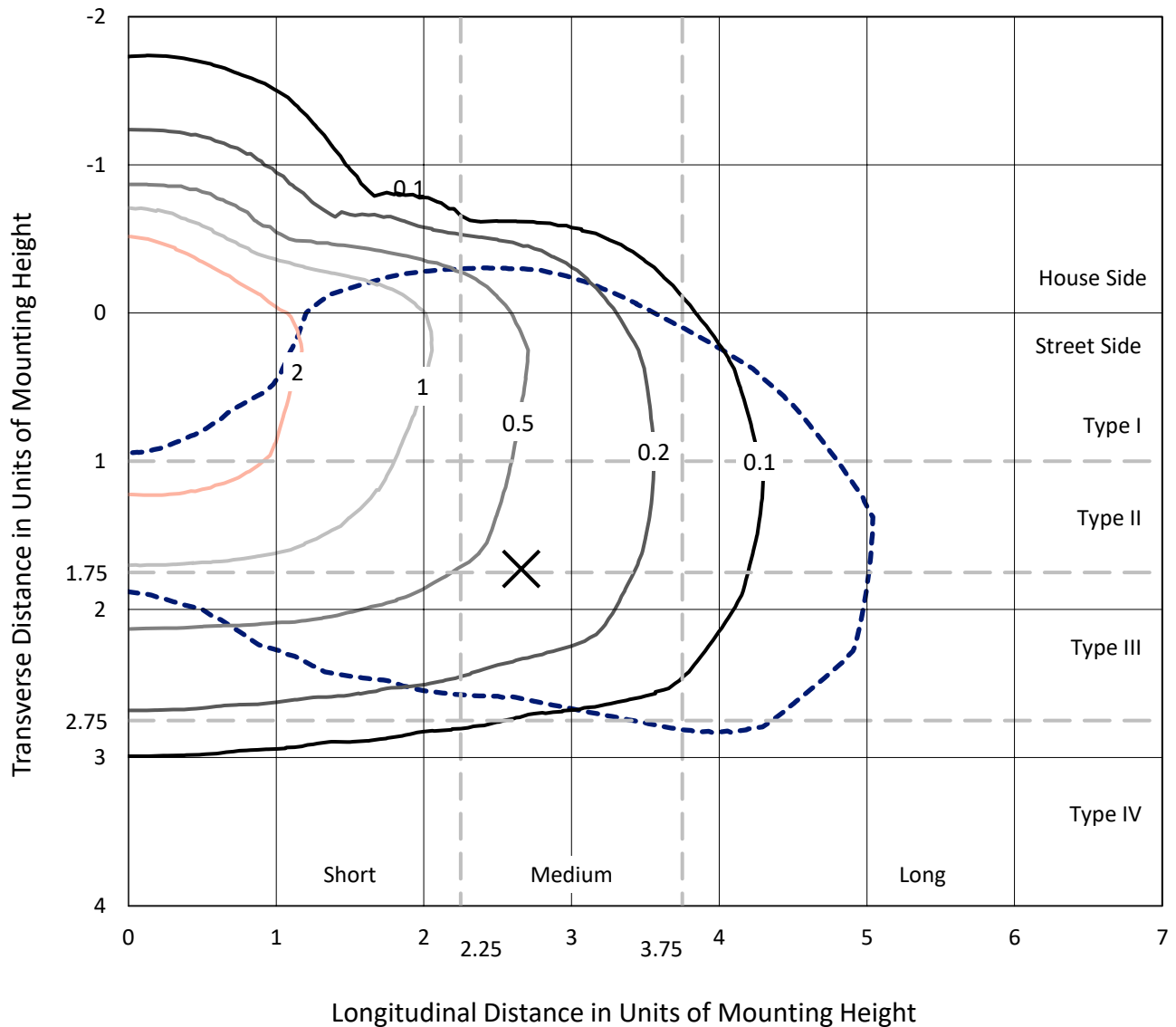
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P674939
 CATALOG NUMBER: CCW-SA-1F-722-U-T3

Iso-Footcandle Lines of Horizontal Illumination

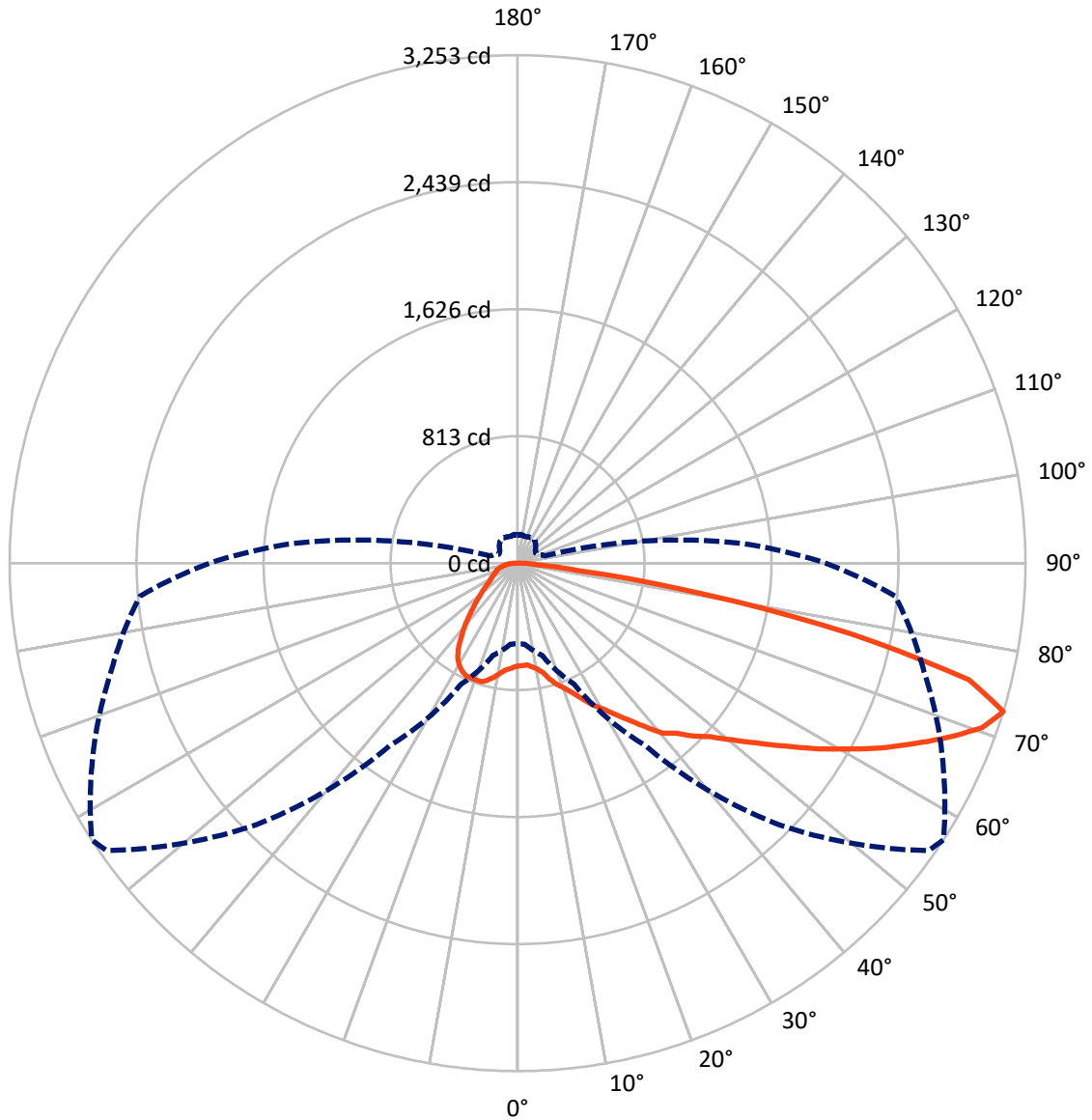
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P674939
CATALOG NUMBER: CCW-SA-1F-722-U-T3

Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P674939
 CATALOG NUMBER: CCW-SA-1F-722-U-T3

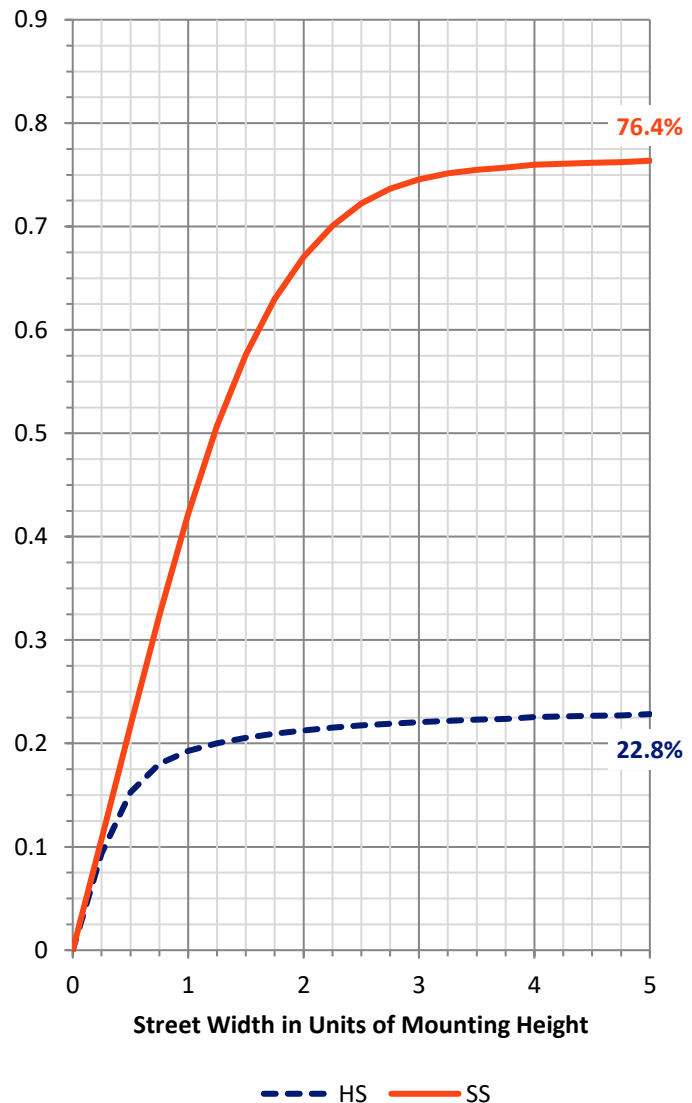
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1303.2	0.0	1303.2
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	4277.0	0.0	4277.0
	% Fixture	76.6	0.0	76.6
Total	Lumens	5580.2	0.0	5580.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	1.2
10°-20°	220.3	3.9
20°-30°	402.8	7.2
30°-40°	590.9	10.6
40°-50°	813.6	14.6
50°-60°	1115.7	20.0
60°-70°	1344.9	24.1
70°-80°	895.9	16.1
80°-90°	130.5	2.3
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°	5580.2	100.0
0°-180°	5580.2	100.0



REPORT NUMBER: P674939

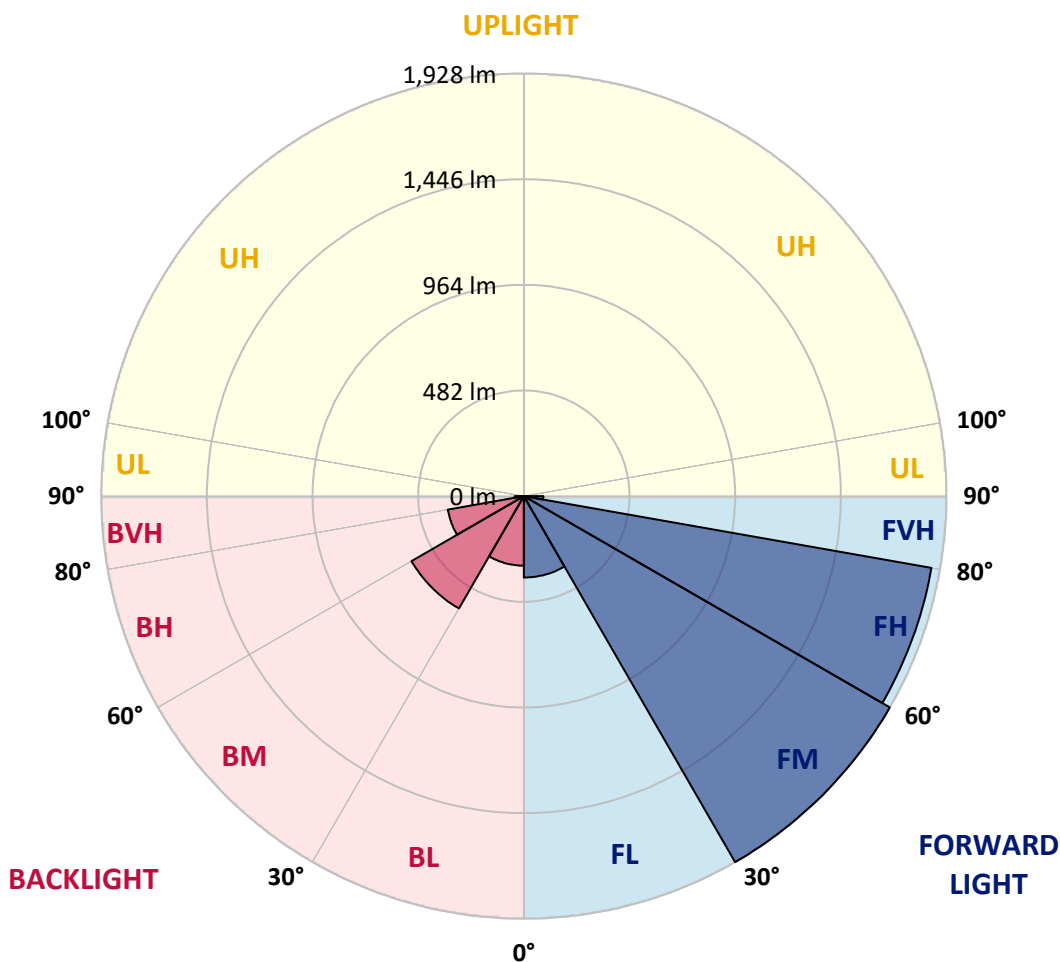
CATALOG NUMBER: CCW-SA-1F-722-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	371.2	6.7			
FM (30°-60°)	1928.4	34.6			
FH (60°-80°)	1888.5	33.8			G2/5000
FVH (80°-90°)	88.9	1.6			G1/100
BL (0°-30°)	317.3	5.7	B1/500		
BM (30°-60°)	591.9	10.6	B1/1000		
BH (60°-80°)	352.3	6.3	B1/500		G1/500
BVH (80°-90°)	41.6	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-G2

Type III Medium





REPORT NUMBER: P674939

CATALOG NUMBER: CCW-SA-1F-722-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6
2.5°	646.4	648.5	652.5	650.5	650.5	644.4	654.6	656.6	652.5	654.6	658.6
5°	646.4	650.5	656.6	652.5	654.6	652.5	648.5	654.6	654.6	656.6	662.7
7.5°	681.0	679.0	679.0	672.9	670.8	668.8	670.8	670.8	666.8	668.8	668.8
10°	719.6	719.6	715.6	715.6	711.5	701.3	691.2	689.1	683.0	685.1	685.1
12.5°	760.3	764.3	768.4	756.2	752.1	735.9	729.8	717.6	717.6	713.5	711.5
15°	811.1	805.0	809.1	805.0	794.8	778.6	768.4	770.4	756.2	752.1	746.0
17.5°	855.8	857.9	851.8	847.7	829.4	817.2	819.2	817.2	798.9	792.8	782.6
20°	908.7	906.6	906.6	894.4	878.2	861.9	855.8	853.8	857.9	845.7	821.3
22.5°	963.6	955.4	955.4	945.3	922.9	912.7	908.7	900.5	904.6	894.4	857.9
25°	1008.3	1008.3	1022.5	1002.2	990.0	969.7	961.5	963.6	965.6	945.3	902.6
27.5°	1067.2	1057.1	1071.3	1061.1	1055.0	1032.7	1022.5	1028.6	1024.5	1002.2	943.2
30°	1142.4	1144.5	1136.3	1122.1	1114.0	1097.7	1091.6	1085.5	1091.6	1063.2	988.0
32.5°	1236.0	1242.1	1221.7	1205.5	1191.2	1175.0	1162.8	1156.7	1162.8	1120.1	1022.5
35°	1343.7	1349.8	1333.5	1315.2	1299.0	1258.3	1248.2	1238.0	1215.6	1146.5	1055.0
37.5°	1443.3	1435.2	1431.1	1431.1	1400.6	1341.7	1335.6	1329.5	1286.8	1199.4	1099.8
40°	1510.4	1520.6	1516.5	1512.4	1508.4	1453.5	1441.3	1431.1	1360.0	1278.6	1162.8
42.5°	1585.6	1579.5	1595.8	1601.9	1587.6	1571.4	1522.6	1488.0	1425.0	1360.0	1256.3
45°	1675.0	1671.0	1677.1	1699.4	1679.1	1685.2	1603.9	1579.5	1500.2	1461.6	1374.2
47.5°	1754.3	1764.5	1795.0	1801.1	1784.8	1813.3	1699.4	1660.8	1610.0	1579.5	1496.2
50°	1788.9	1801.1	1870.2	1912.9	1914.9	1959.6	1795.0	1778.7	1709.6	1721.8	1648.6
52.5°	1760.4	1799.0	1882.4	1994.2	2063.3	2108.0	1921.0	1912.9	1849.9	1888.5	1815.3
55°	1786.9	1823.4	1878.3	2034.9	2209.7	2219.8	2095.8	2065.3	2002.3	2055.2	1988.1
57.5°	1799.0	1778.7	1882.4	2079.6	2317.4	2343.8	2262.5	2240.2	2191.4	2242.2	2203.6
60°	1703.5	1727.9	1825.5	2067.4	2323.5	2476.0	2449.6	2417.0	2372.3	2419.1	2396.7
62.5°	1595.8	1612.0	1717.7	1994.2	2358.1	2571.5	2630.5	2606.1	2543.1	2583.7	2622.3
65°	1459.6	1461.6	1579.5	1864.1	2291.0	2626.4	2789.0	2787.0	2742.3	2732.1	2793.1
67.5°	1292.9	1309.1	1402.6	1725.9	2199.5	2687.4	2945.6	2976.1	2886.6	2807.3	2829.7
70°	992.0	1008.3	1097.7	1414.8	2012.5	2669.1	3138.7	3154.9	2980.1	2778.9	2721.9
72.5°	516.3	520.4	611.9	853.8	1427.0	2370.3	3209.8	3252.5	3004.5	2695.5	2427.2
75°	170.8	170.8	209.4	325.3	672.9	1516.5	2906.9	2984.2	2884.6	2488.2	1986.1
77.5°	101.6	103.7	124.0	162.6	268.3	605.8	2049.1	2185.3	2360.1	2116.2	1451.4
80°	73.2	75.2	93.5	111.8	160.6	195.2	1028.6	1217.7	1449.4	1362.0	774.5
82.5°	54.9	54.9	73.2	83.3	109.8	115.9	286.6	392.3	626.1	487.9	213.4
85°	56.9	56.9	56.9	59.0	75.2	67.1	119.9	128.1	183.0	160.6	59.0
87.5°	20.3	22.4	56.9	38.6	38.6	28.5	46.8	50.8	65.1	67.1	22.4
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: P674939
 CATALOG NUMBER: CCW-SA-1F-722-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6	658.6
2.5°	660.7	660.7	662.7	662.7	666.8	670.8	676.9	672.9	672.9	674.9	672.9
5°	658.6	660.7	666.8	676.9	681.0	683.0	695.2	695.2	695.2	699.3	699.3
7.5°	666.8	670.8	681.0	691.2	693.2	699.3	715.6	719.6	729.8	733.8	735.9
10°	687.1	693.2	701.3	713.5	721.7	729.8	742.0	756.2	754.2	766.4	768.4
12.5°	717.6	715.6	729.8	742.0	750.1	762.3	766.4	766.4	766.4	766.4	770.4
15°	742.0	746.0	758.2	766.4	776.5	774.5	766.4	758.2	760.3	758.2	758.2
17.5°	778.6	778.6	788.7	790.8	794.8	774.5	762.3	762.3	768.4	768.4	764.3
20°	815.2	813.1	817.2	815.2	788.7	764.3	762.3	764.3	766.4	764.3	762.3
22.5°	849.7	845.7	839.6	831.4	784.7	762.3	758.2	748.1	737.9	737.9	731.8
25°	880.2	876.1	859.9	835.5	782.6	750.1	729.8	705.4	693.2	687.1	695.2
27.5°	908.7	900.5	878.2	835.5	764.3	717.6	679.0	648.5	638.3	630.2	638.3
30°	947.3	933.1	902.6	829.4	735.9	666.8	613.9	577.3	567.2	555.0	559.0
32.5°	981.9	949.3	922.9	811.1	699.3	609.8	548.9	512.3	494.0	483.8	491.9
35°	1018.4	985.9	931.0	782.6	642.4	540.7	479.7	445.2	431.0	416.7	416.7
37.5°	1055.0	1036.7	943.2	729.8	573.3	475.7	420.8	394.4	370.0	343.5	343.5
40°	1132.3	1107.9	957.5	668.8	504.1	412.7	374.0	339.5	315.1	278.5	276.5
42.5°	1213.6	1160.7	957.5	595.6	443.2	367.9	331.4	294.8	250.0	227.7	229.7
45°	1317.3	1256.3	931.0	530.6	382.2	331.4	290.7	243.9	223.6	209.4	209.4
47.5°	1447.4	1351.8	898.5	459.4	333.4	298.8	248.0	219.5	205.3	193.1	191.1
50°	1601.9	1439.2	857.9	398.4	292.7	268.3	225.6	203.3	191.1	183.0	183.0
52.5°	1764.5	1567.3	829.4	343.5	260.2	227.7	209.4	195.2	185.0	178.9	176.9
55°	1929.1	1695.4	809.1	284.6	229.7	209.4	205.3	193.1	189.1	183.0	178.9
57.5°	2114.1	1801.1	805.0	243.9	205.3	201.2	209.4	199.2	193.1	187.0	180.9
60°	2313.4	1943.4	768.4	211.4	193.1	197.2	203.3	193.1	189.1	183.0	178.9
62.5°	2510.5	2049.1	668.8	187.0	180.9	185.0	193.1	185.0	178.9	180.9	183.0
65°	2591.8	2057.2	518.4	168.7	166.7	168.7	180.9	178.9	172.8	185.0	185.0
67.5°	2510.5	1984.0	365.9	152.5	152.5	162.6	183.0	187.0	180.9	197.2	195.2
70°	2325.5	1803.1	248.0	142.3	146.4	172.8	189.1	185.0	176.9	197.2	193.1
72.5°	1973.9	1443.3	180.9	132.1	138.2	164.7	187.0	183.0	176.9	185.0	176.9
75°	1481.9	1026.6	142.3	119.9	122.0	148.4	193.1	183.0	166.7	162.6	156.5
77.5°	990.0	634.2	109.8	105.7	105.7	130.1	185.0	170.8	150.4	144.3	142.3
80°	471.6	254.1	87.4	89.4	91.5	111.8	168.7	152.5	136.2	128.1	128.1
82.5°	150.4	95.5	73.2	73.2	73.2	91.5	140.3	128.1	117.9	111.8	101.6
85°	52.9	52.9	63.0	65.1	59.0	67.1	115.9	109.8	97.6	81.3	79.3
87.5°	20.3	30.5	42.7	50.8	36.6	46.8	83.3	77.2	71.1	52.9	50.8
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)