

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: P674516

Luminaire Tested: **CCP-SA-1C-722-U-T2R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674516
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-722-U-T2R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T2R distribution lens and House Side Shield
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

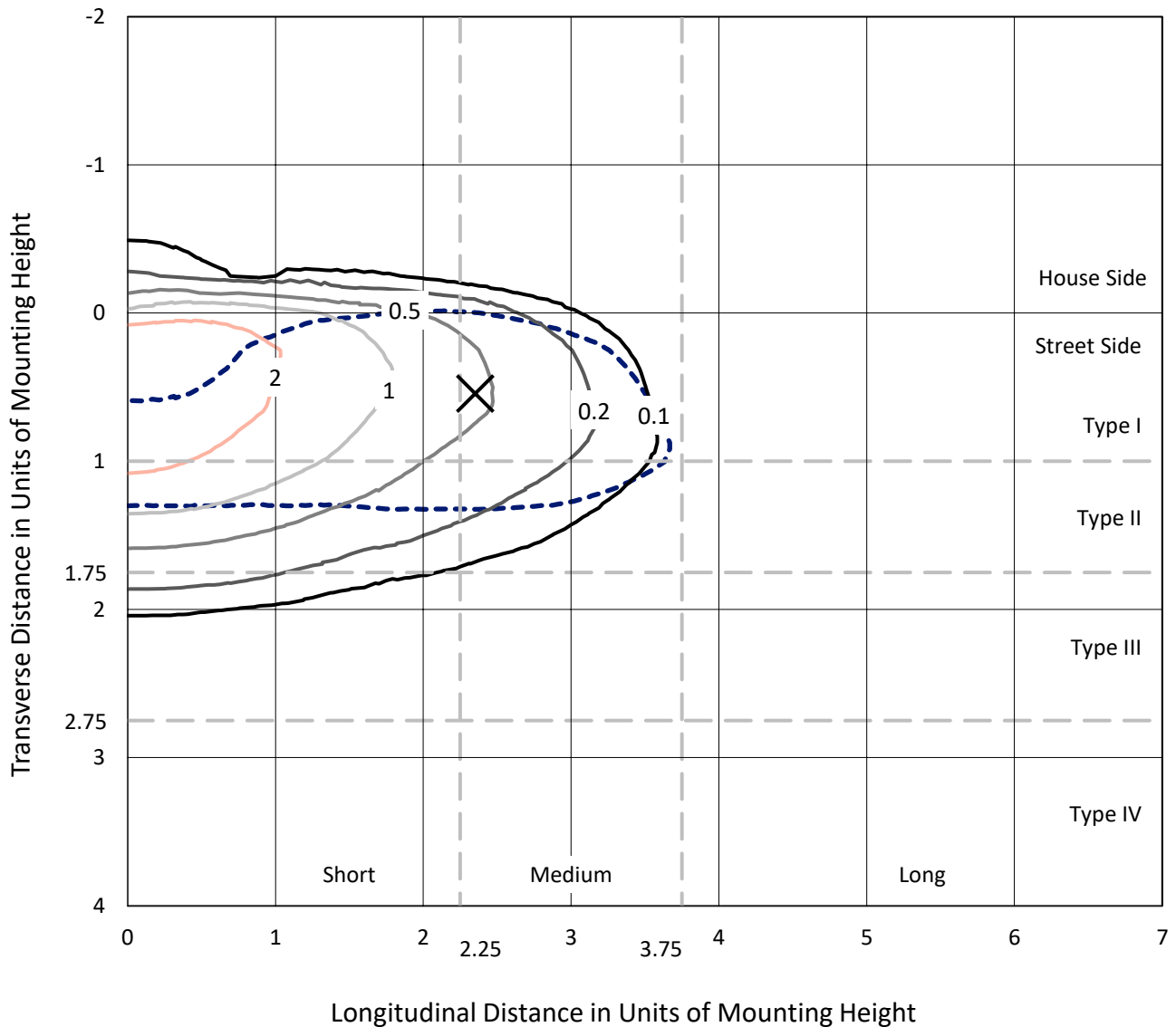
Lumens per Lamp: N/A
Luminaire Lumens: 2696.6 lumens
Efficiency: N/A
Efficacy: 84.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 32
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

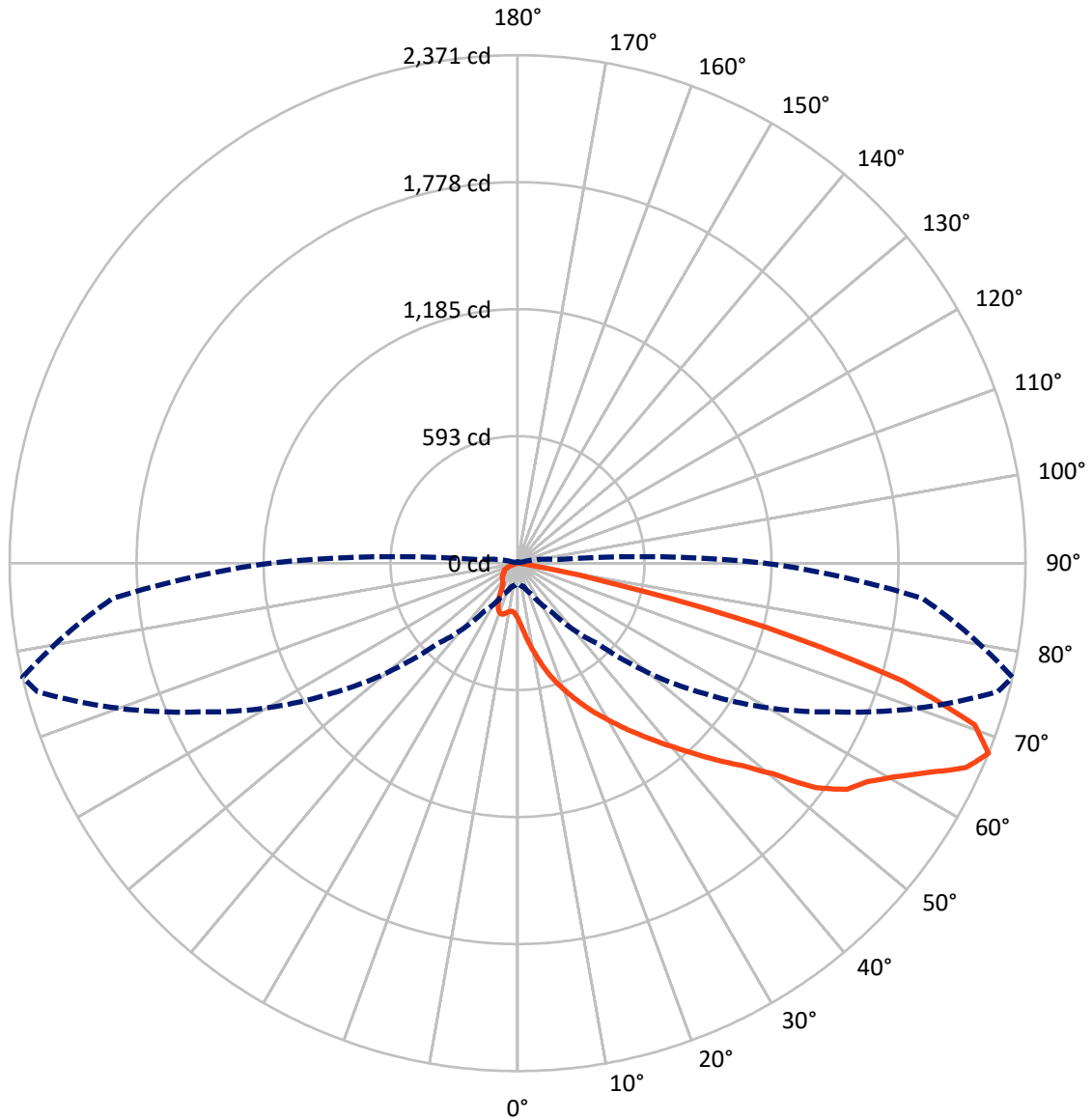
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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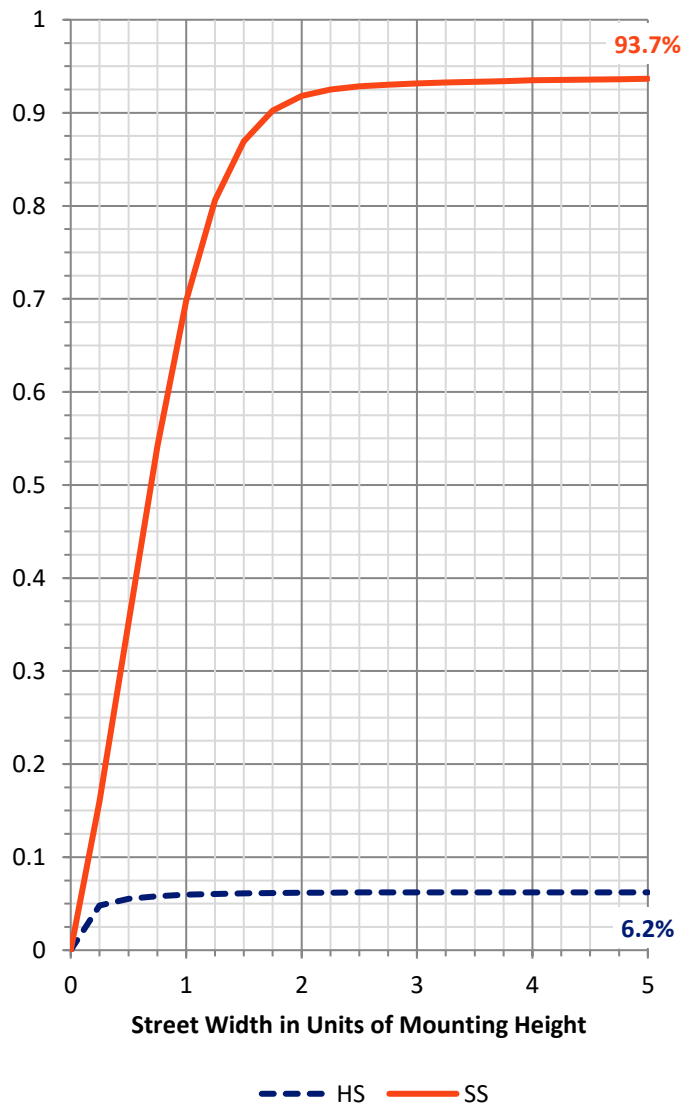
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	168.5	0.0	168.5
	% Fixture	6.2	0.0	6.2
Street Side	Lumens	2528.1	0.0	2528.1
	% Fixture	93.8	0.0	93.8
Total	Lumens	2696.6	0.0	2696.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	1.1
10°-20°	112.3	4.2
20°-30°	219.3	8.1
30°-40°	383.4	14.2
40°-50°	559.2	20.7
50°-60°	653.9	24.2
60°-70°	530.1	19.7
70°-80°	199.1	7.4
80°-90°	9.1	0.3
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°	2696.6	100.0
0°-180°	2696.6	100.0

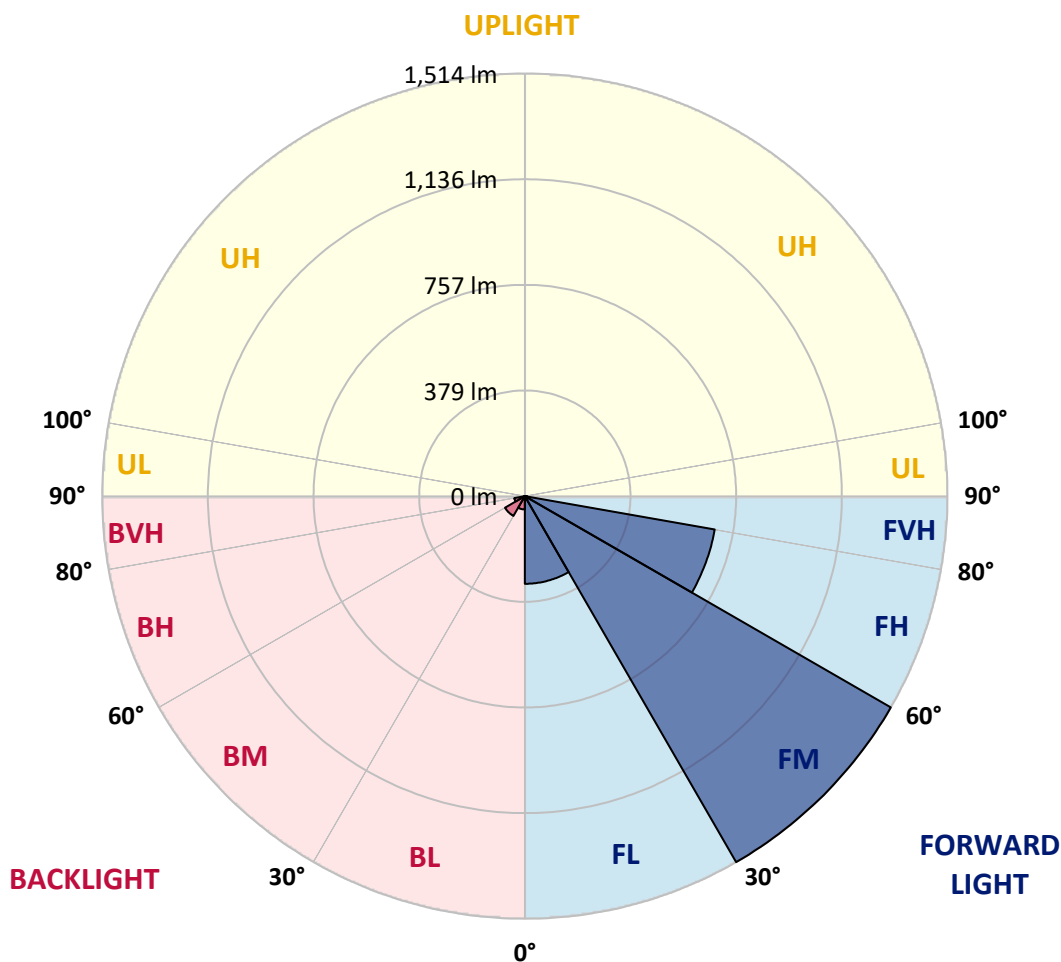


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	314.1	11.6			
FM (30°-60°)	1514.5	56.2			
FH (60°-80°)	691.0	25.6			G1/1800
FVH (80°-90°)	8.5	0.3			G0/10
BL (0°-30°)	47.8	1.8	B0/110		
BM (30°-60°)	82.0	3.0	B0/220		
BH (60°-80°)	38.2	1.4	B0/110		G0/110
BVH (80°-90°)	0.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
 Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3
2.5°	387.8	373.7	376.3	370.5	363.0	345.4	326.9	308.4	291.9	288.2	271.7
5°	496.6	492.2	487.6	483.7	467.9	446.0	412.6	370.3	332.0	325.5	291.1
7.5°	581.1	574.5	578.6	566.7	550.2	529.0	486.6	441.3	382.4	372.7	319.4
10°	643.4	639.7	641.7	636.1	628.1	606.9	565.0	508.3	440.1	421.6	351.0
12.5°	690.1	690.9	699.4	699.9	693.3	676.0	631.7	572.6	492.5	475.9	386.1
15°	724.2	724.9	735.4	746.6	754.2	745.2	705.0	638.8	554.1	531.4	422.8
17.5°	729.8	730.3	748.8	771.4	794.8	802.6	771.7	704.5	610.3	584.5	465.0
20°	733.5	737.6	754.2	780.2	817.2	841.3	824.5	767.5	664.8	634.9	506.3
22.5°	777.8	777.8	787.5	806.0	835.5	873.2	869.8	825.5	717.9	688.2	547.5
25°	871.7	871.7	862.2	857.4	873.2	902.9	911.4	887.3	778.5	743.4	590.8
27.5°	996.1	996.1	981.3	945.5	931.9	944.3	953.3	941.1	834.5	799.9	636.6
30°	1125.2	1129.5	1103.7	1058.2	1010.5	1001.0	992.2	989.6	894.1	855.2	683.1
32.5°	1254.7	1254.2	1222.0	1165.3	1103.0	1069.4	1040.9	1037.8	957.4	919.2	727.1
35°	1358.1	1358.4	1324.5	1266.3	1194.3	1151.4	1105.7	1090.8	1026.8	984.2	779.7
37.5°	1447.7	1442.6	1406.1	1350.8	1283.6	1239.3	1182.4	1143.7	1098.6	1055.3	832.3
40°	1499.1	1492.3	1456.7	1404.1	1353.3	1319.4	1269.3	1207.4	1177.5	1130.8	892.2
42.5°	1506.6	1500.8	1477.2	1445.5	1403.9	1374.2	1360.8	1279.5	1260.3	1217.9	963.8
45°	1485.4	1475.9	1468.2	1451.6	1439.9	1425.6	1443.8	1356.2	1355.2	1313.1	1034.6
47.5°	1432.9	1420.0	1421.9	1440.2	1453.3	1466.2	1523.2	1456.7	1450.9	1411.4	1127.6
50°	1343.0	1336.7	1358.1	1394.1	1446.2	1497.9	1602.3	1559.4	1582.6	1545.6	1255.9
52.5°	1160.5	1168.2	1232.3	1318.9	1409.0	1512.7	1676.5	1712.8	1772.0	1741.5	1384.9
55°	941.4	938.4	1023.9	1177.7	1321.6	1503.2	1708.9	1803.1	1896.1	1864.2	1456.7
57.5°	758.3	763.4	821.1	973.3	1173.4	1429.9	1716.5	1850.3	1946.0	1924.8	1523.2
60°	569.1	574.0	626.6	759.0	976.2	1277.1	1654.1	1866.9	2039.7	2023.7	1629.3
62.5°	362.2	368.6	421.4	550.2	746.1	1039.5	1514.2	1849.6	2137.6	2151.0	1774.1
65°	178.2	183.8	222.7	321.3	498.8	777.3	1318.9	1783.6	2262.2	2300.5	1890.3
67.5°	98.6	101.3	114.7	163.6	278.2	533.1	1059.9	1642.7	2319.4	2370.6	1898.1
70°	76.7	77.4	82.5	95.4	135.6	312.8	753.9	1408.0	2200.9	2262.7	1740.1
72.5°	64.5	65.5	67.9	72.3	84.7	162.9	473.7	1088.2	1851.8	1879.8	1346.2
75°	47.2	48.7	55.5	59.4	66.9	98.8	208.9	653.9	1223.7	1196.2	753.2
77.5°	39.7	40.9	42.6	48.2	55.3	67.4	73.3	274.1	498.1	433.1	197.7
80°	27.0	28.5	33.1	36.0	46.7	44.5	30.4	73.5	100.1	81.6	38.0
82.5°	19.2	20.4	22.9	29.5	33.8	23.6	16.6	22.4	24.1	22.9	12.4
85°	6.1	7.8	16.6	24.3	18.3	8.0	10.5	8.5	7.5	7.3	4.9
87.5°	1.2	1.2	8.3	9.7	7.3	4.1	3.7	2.7	3.4	3.4	2.7
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°	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3	258.3
2.5°	263.9	252.9	237.1	222.3	207.2	196.5	188.9	181.4	178.4	177.2	174.1
5°	275.6	254.6	223.2	197.9	179.4	167.7	160.7	154.6	150.7	149.5	147.8
7.5°	292.4	262.2	217.1	187.9	169.4	156.8	145.3	132.2	121.7	117.6	115.9
10°	310.6	273.6	218.1	186.0	161.4	133.6	108.1	86.9	77.7	74.2	71.8
12.5°	337.4	286.3	222.3	183.8	137.3	95.4	69.1	60.4	58.2	57.7	57.2
15°	364.2	304.0	229.1	169.2	102.5	65.0	57.5	54.3	53.1	51.9	51.9
17.5°	391.2	321.1	231.7	140.7	70.8	56.2	52.3	49.7	47.7	46.7	46.0
20°	421.6	339.1	224.0	105.9	56.7	51.4	47.0	43.8	42.1	41.1	40.4
22.5°	454.5	356.9	206.9	73.8	51.6	46.3	42.1	38.9	37.2	36.3	36.0
25°	485.4	372.2	179.7	55.5	46.5	41.4	37.5	34.8	33.6	32.6	32.4
27.5°	517.3	385.4	144.1	48.9	42.4	37.5	33.6	31.4	30.2	29.5	29.2
30°	548.5	394.4	107.4	44.8	38.7	33.8	30.4	28.7	27.5	26.8	26.5
32.5°	580.6	399.5	72.5	41.1	35.1	30.7	27.8	26.0	25.3	24.6	24.6
35°	611.5	398.7	52.3	37.7	32.1	27.8	25.1	23.9	23.6	22.9	22.9
37.5°	645.3	393.6	44.5	34.6	29.0	25.1	22.9	22.2	21.9	21.4	21.2
40°	683.8	382.2	40.7	32.1	26.3	22.9	20.9	20.4	20.2	19.7	19.7
42.5°	725.9	367.3	38.5	29.5	24.1	20.7	19.2	18.5	18.3	17.8	17.8
45°	774.9	353.2	37.0	26.8	22.2	19.0	17.5	16.8	16.6	16.1	16.1
47.5°	841.6	345.2	34.6	24.3	20.0	17.3	15.8	15.3	14.8	14.4	14.4
50°	933.3	335.7	31.4	21.9	18.3	15.6	14.6	13.9	13.6	13.1	13.1
52.5°	1008.8	315.5	28.2	19.5	16.3	14.4	13.4	12.9	12.4	12.2	12.2
55°	1035.3	291.9	25.1	17.5	14.8	13.4	12.4	11.9	11.7	11.4	11.4
57.5°	1077.7	284.3	22.2	15.6	13.4	12.4	11.4	11.2	11.0	10.7	10.5
60°	1150.0	288.7	19.5	13.9	12.2	11.2	10.5	10.2	9.7	9.3	9.3
62.5°	1220.1	283.4	16.6	12.2	10.5	10.0	9.3	8.8	7.8	7.1	6.6
65°	1237.1	247.6	14.4	10.2	8.8	8.3	7.5	6.6	5.1	4.1	4.1
67.5°	1154.6	188.2	12.4	8.8	7.3	6.8	5.4	4.4	3.2	2.4	2.4
70°	952.8	119.3	10.2	6.8	6.1	4.6	3.4	3.2	2.2	1.9	1.7
72.5°	687.5	65.2	8.5	5.6	4.4	2.9	2.4	1.9	1.5	1.0	1.0
75°	348.1	30.7	6.3	4.4	2.9	1.9	1.5	1.0	1.0	0.7	0.7
77.5°	98.6	14.1	4.1	2.9	1.9	1.2	1.0	0.7	0.7	0.5	0.5
80°	19.5	7.1	2.7	1.9	1.5	1.0	0.7	0.5	0.5	0.2	0.2
82.5°	7.1	3.7	1.9	1.5	1.2	1.0	0.5	0.2	0.2	0.0	0.0
85°	3.7	1.9	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.0	0.0
87.5°	1.9	1.5	1.2	1.2	1.0	0.7	0.5	0.2	0.0	0.0	0.0
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)