

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: P672215

Luminaire Tested: **CCP-SA-1F-722-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672215
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-722-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ T3R distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

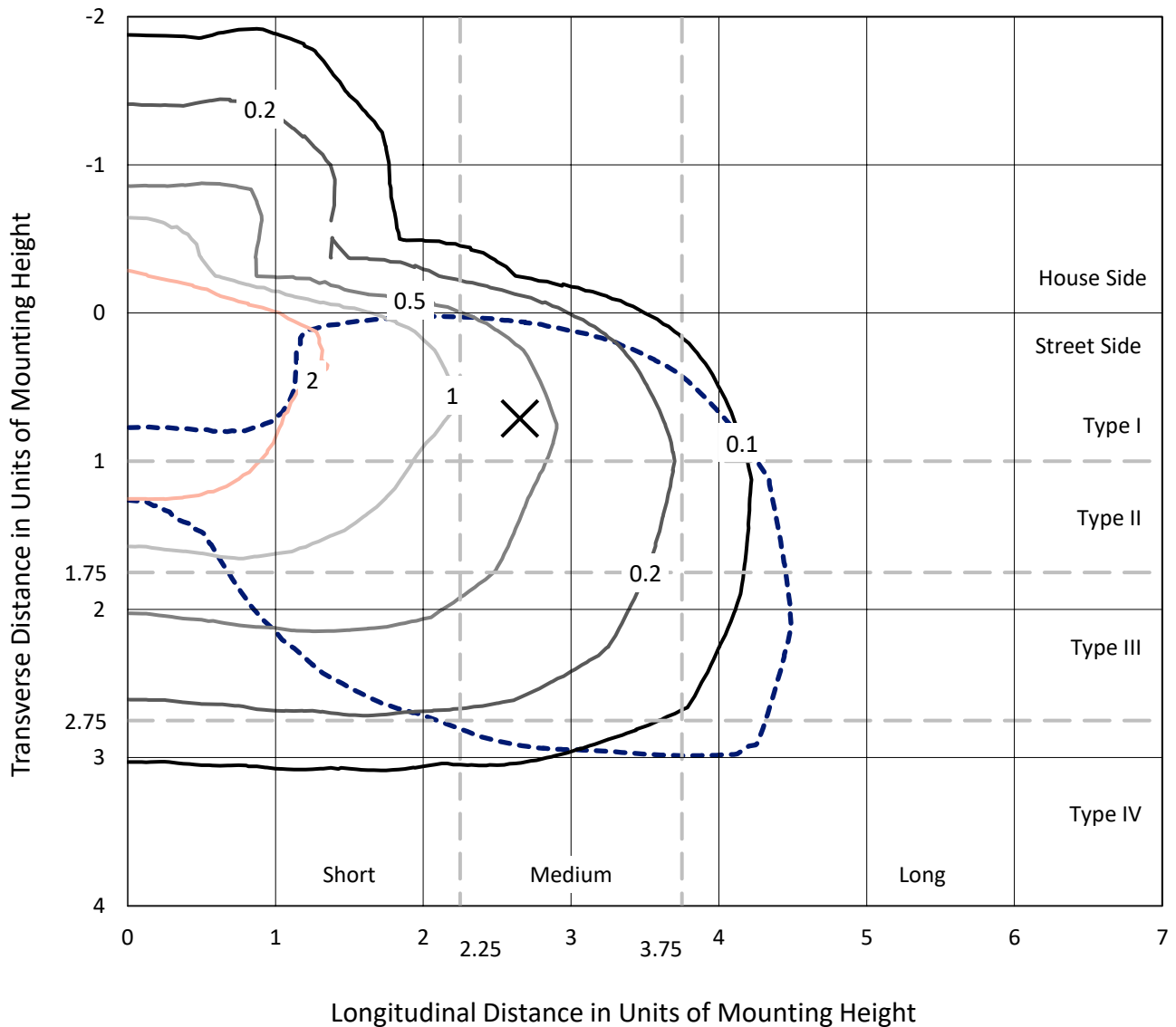
Lumens per Lamp: N/A
Luminaire Lumens: 5613.2 lumens
Efficiency: N/A
Efficacy: 83.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

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: P672215
 CATALOG NUMBER: CCP-SA-1F-722-U-T3R

Iso-Footcandle Lines of Horizontal Illumination

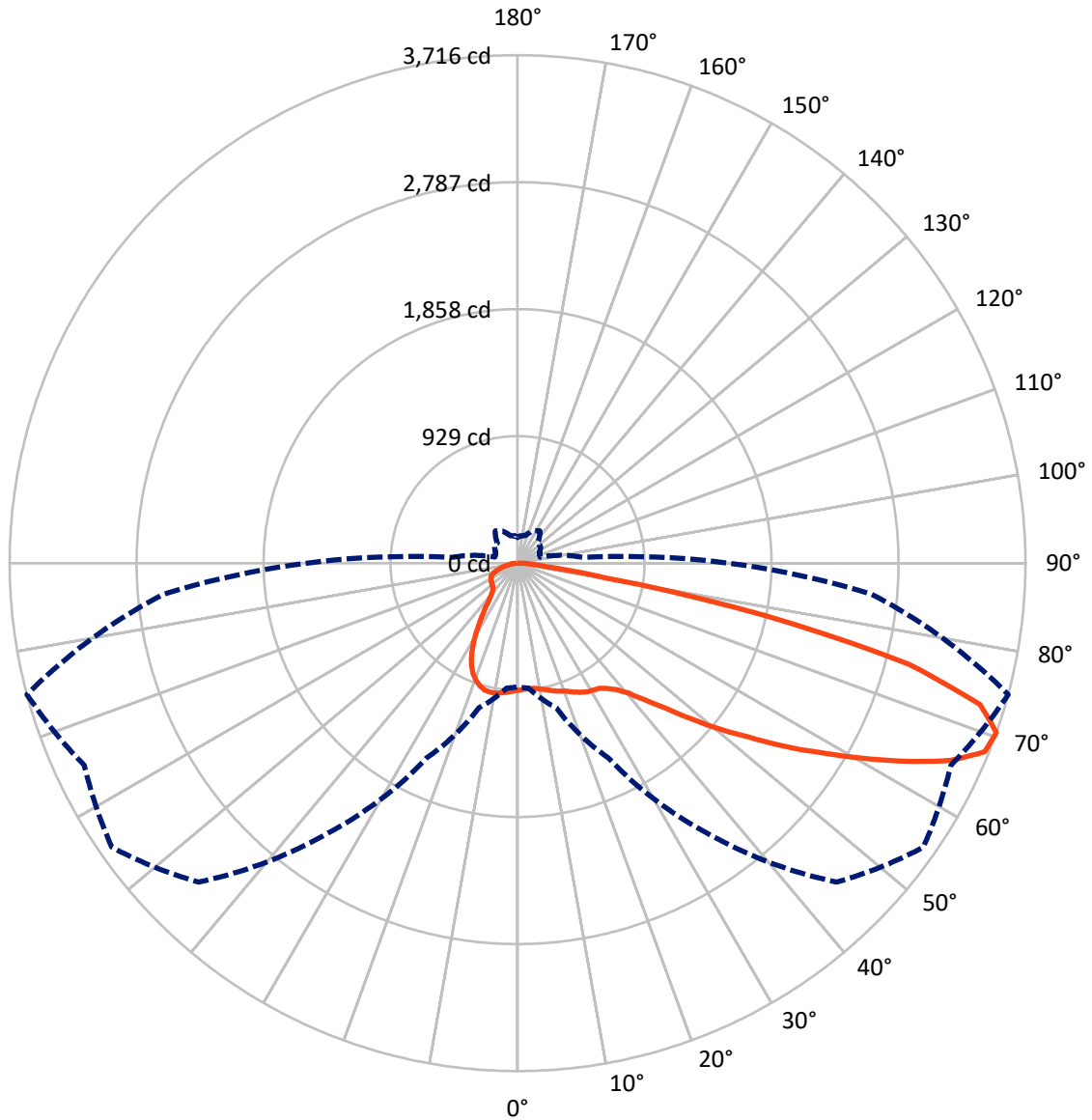
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type IV - Medium - N/A

REPORT NUMBER: P672215
CATALOG NUMBER: CCP-SA-1F-722-U-T3R

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672215
 CATALOG NUMBER: CCP-SA-1F-722-U-T3R

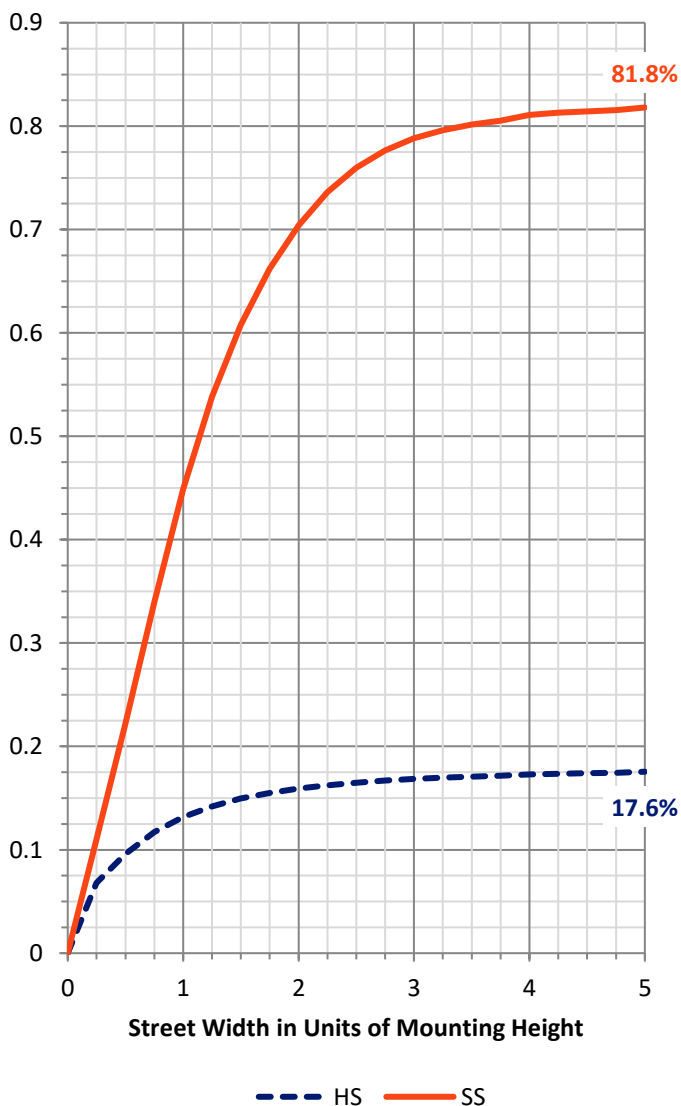
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	998.7	0.0	998.7
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	4614.6	0.0	4614.6
	% Fixture	82.2	0.0	82.2
Total	Lumens	5613.2	0.0	5613.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.5	1.5
10°-20°	222.9	4.0
20°-30°	375.6	6.7
30°-40°	570.4	10.2
40°-50°	817.2	14.6
50°-60°	1083.5	19.3
60°-70°	1355.9	24.2
70°-80°	990.1	17.6
80°-90°	114.2	2.0
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°	5613.2	100.0
0°-180°	5613.2	100.0



REPORT NUMBER: P672215

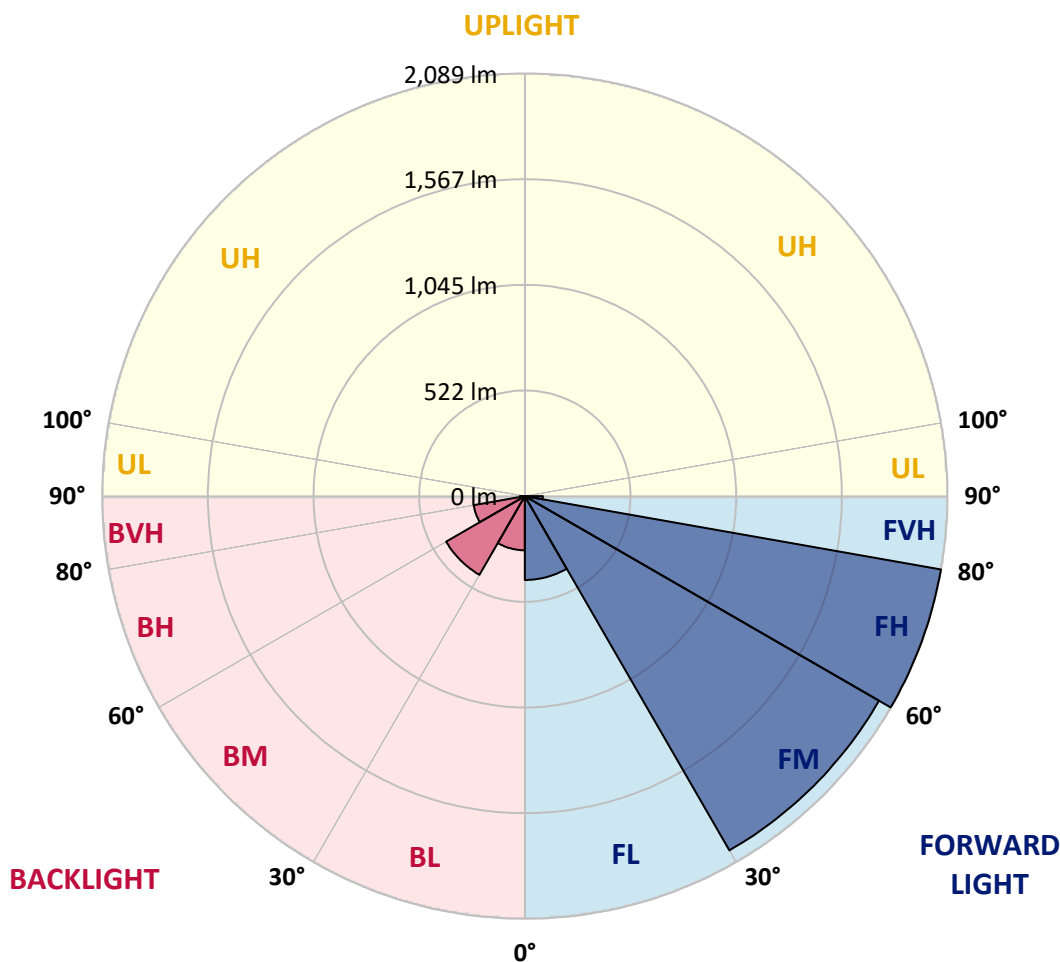
CATALOG NUMBER: CCP-SA-1F-722-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	414.3	7.4			
FM (30°-60°)	2022.1	36.0			
FH (60°-80°)	2089.1	37.2			G2/5000
FVH (80°-90°)	89.1	1.6			G1/100
BL (0°-30°)	267.7	4.8	B1/500		
BM (30°-60°)	449.0	8.0	B1/1000		
BH (60°-80°)	256.9	4.6	B1/500		G1/500
BVH (80°-90°)	25.1	0.4			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 IV Medium





REPORT NUMBER: P672215

CATALOG NUMBER: CCP-SA-1F-722-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8
2.5°	878.9	883.8	888.2	892.6	896.3	906.0	908.0	918.5	921.3	923.7	927.0
5°	829.6	833.3	837.7	845.0	852.7	870.0	882.1	905.2	918.1	922.1	933.4
7.5°	803.0	804.2	810.2	816.3	825.2	842.2	858.7	894.7	920.5	925.0	949.2
10°	783.6	785.2	790.9	799.3	808.2	824.0	844.6	887.4	929.4	936.3	970.6
12.5°	776.7	775.9	782.4	788.0	800.6	820.3	841.8	887.8	941.5	951.2	1001.7
15°	804.2	798.9	803.0	801.0	805.0	824.4	849.8	896.7	956.5	968.6	1034.0
17.5°	864.8	860.3	857.5	840.1	828.8	839.7	864.0	909.2	972.2	985.1	1063.1
20°	955.2	942.7	932.2	903.1	871.6	868.0	885.0	921.7	987.2	999.7	1093.8
22.5°	1058.2	1048.1	1031.2	980.3	931.4	907.2	911.6	944.7	1009.0	1022.7	1128.9
25°	1188.3	1187.9	1153.2	1084.5	1010.6	961.7	952.4	981.5	1033.6	1046.9	1158.0
27.5°	1336.5	1326.4	1285.2	1196.8	1103.9	1029.2	1007.4	1019.1	1053.4	1067.1	1181.4
30°	1463.4	1464.6	1422.6	1326.0	1203.3	1095.0	1053.8	1046.1	1066.3	1080.1	1203.3
32.5°	1599.1	1592.2	1553.8	1454.5	1310.7	1165.7	1083.7	1065.5	1079.7	1092.6	1233.5
35°	1726.7	1719.0	1685.9	1578.9	1429.0	1243.6	1124.1	1095.8	1111.2	1125.3	1270.7
37.5°	1848.3	1849.5	1811.9	1709.8	1543.7	1335.7	1183.9	1141.5	1158.0	1173.8	1327.3
40°	1954.5	1948.5	1919.4	1827.3	1662.9	1429.4	1251.3	1203.7	1236.0	1250.5	1398.7
42.5°	1988.5	1988.1	1999.4	1942.8	1788.1	1540.9	1335.3	1300.6	1346.2	1368.0	1486.4
45°	1959.0	1967.9	2033.3	2031.7	1913.3	1669.0	1450.0	1418.5	1484.4	1509.0	1593.4
47.5°	1929.9	1943.2	2032.1	2082.6	2025.6	1809.9	1591.0	1567.6	1662.1	1697.6	1704.5
50°	1887.5	1900.0	2005.8	2089.8	2094.3	1952.5	1773.6	1744.1	1865.7	1902.0	1825.3
52.5°	1840.2	1849.9	1959.4	2084.6	2127.0	2064.0	1952.5	1944.0	2083.8	2113.3	1948.1
55°	1579.3	1620.5	1891.1	2073.3	2149.6	2149.2	2126.6	2154.5	2321.7	2365.7	2085.0
57.5°	1429.4	1451.3	1698.8	2066.8	2192.0	2228.0	2306.3	2366.1	2575.7	2615.3	2236.1
60°	1380.6	1400.0	1602.3	2059.1	2276.4	2351.2	2482.0	2579.0	2848.8	2897.3	2404.9
62.5°	1336.1	1359.6	1563.1	1998.1	2378.6	2546.3	2691.7	2809.2	3136.8	3194.1	2572.9
65°	1245.7	1262.2	1491.2	1946.9	2475.6	2824.6	2994.2	3062.9	3415.9	3480.5	2684.4
67.5°	1089.3	1105.1	1329.3	1828.9	2538.6	3114.2	3325.0	3325.4	3631.6	3684.5	2707.8
70°	905.6	917.7	1095.8	1572.0	2407.3	3300.0	3623.5	3497.1	3692.6	3715.6	2596.3
72.5°	647.5	658.0	802.6	1162.1	1973.9	3149.3	3691.3	3489.8	3544.7	3537.5	2279.3
75°	399.1	419.3	491.6	709.3	1226.7	2478.0	3322.2	3162.2	2976.4	2956.2	1716.2
77.5°	260.1	270.6	332.4	418.5	541.2	1422.6	2523.2	2371.0	1879.4	1856.0	922.5
80°	156.3	173.7	217.7	262.9	245.2	544.1	1440.8	1177.8	664.0	656.8	283.5
82.5°	84.0	99.8	153.5	162.8	137.7	192.3	521.9	382.9	212.5	210.0	106.2
85°	66.6	74.3	110.3	103.0	78.0	97.3	203.6	159.5	109.1	106.6	40.0
87.5°	40.4	50.9	83.6	69.5	38.8	35.1	93.3	75.5	51.3	47.7	15.8
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: P672215
 CATALOG NUMBER: CCP-SA-1F-722-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8	929.8
2.5°	933.0	935.1	937.1	933.0	934.7	932.6	932.6	932.6	927.4	925.8	930.6
5°	941.9	944.7	946.4	933.8	926.2	914.9	905.6	891.4	883.4	878.1	878.1
7.5°	960.1	963.3	956.1	928.2	901.1	870.8	839.7	813.9	795.3	787.2	789.6
10°	986.8	988.0	963.7	912.4	854.7	798.5	754.5	720.2	697.2	685.4	683.8
12.5°	1017.9	1012.6	965.3	877.7	792.1	716.5	662.8	618.4	588.9	577.6	571.9
15°	1048.6	1036.0	959.3	836.1	721.0	630.1	561.4	519.4	501.3	496.0	494.0
17.5°	1076.0	1052.6	939.1	776.3	638.6	529.1	478.6	463.7	465.7	470.6	472.6
20°	1101.1	1065.1	910.0	705.2	535.6	450.4	437.8	451.6	462.9	470.2	471.4
22.5°	1128.5	1077.2	869.6	618.8	451.2	414.0	429.0	444.7	456.0	463.3	464.5
25°	1149.5	1076.8	812.7	516.2	397.9	404.3	422.1	436.2	444.7	450.0	449.6
27.5°	1162.9	1067.1	737.9	431.8	376.8	397.4	414.4	423.7	428.5	432.6	432.2
30°	1166.9	1048.6	643.8	369.6	367.2	391.0	403.9	409.6	413.2	417.2	417.2
32.5°	1175.0	1019.9	540.0	334.8	359.9	384.5	392.2	396.6	393.8	383.7	381.7
35°	1183.9	988.0	441.9	318.7	353.0	380.1	387.4	375.6	344.9	340.9	339.3
37.5°	1201.2	958.5	358.7	307.4	351.4	382.5	388.6	341.7	315.9	303.3	301.3
40°	1230.7	929.0	302.9	299.3	353.4	393.0	372.4	325.6	282.7	258.9	254.9
42.5°	1269.5	893.0	271.4	295.3	359.1	410.0	366.8	302.5	255.7	239.5	237.1
45°	1314.3	845.4	256.5	294.5	365.9	418.5	368.4	283.9	243.6	231.0	230.2
47.5°	1360.8	798.5	250.0	293.6	374.4	414.8	346.2	278.3	238.7	235.1	237.5
50°	1410.9	745.2	244.8	291.6	381.3	414.8	334.0	277.1	240.3	248.4	256.5
52.5°	1457.7	700.4	238.7	285.6	384.1	407.5	330.4	281.5	242.8	240.7	243.2
55°	1514.7	677.4	235.5	277.1	378.9	385.3	326.0	293.6	244.8	228.2	228.2
57.5°	1579.7	672.5	230.6	265.8	361.9	354.6	325.6	300.9	239.5	224.2	221.3
60°	1658.1	683.0	224.6	251.6	341.3	330.8	322.7	300.9	231.0	217.3	218.5
62.5°	1721.5	681.8	220.9	239.1	313.8	306.2	317.5	296.9	227.8	216.5	216.1
65°	1736.4	656.0	210.4	223.0	279.9	276.3	311.8	286.8	223.4	212.1	208.8
67.5°	1685.9	597.4	194.7	201.6	244.0	244.4	301.7	273.4	217.3	209.6	204.4
70°	1542.5	483.1	171.3	175.7	205.2	210.4	286.8	257.7	207.2	199.1	186.6
72.5°	1290.9	347.4	144.2	145.4	163.2	176.9	260.9	236.3	192.3	173.3	159.9
75°	955.7	230.6	117.5	115.9	122.4	143.8	223.0	212.5	172.9	143.8	136.9
77.5°	505.3	136.5	90.5	90.9	86.8	110.3	176.9	184.6	153.5	121.2	114.3
80°	172.9	82.0	65.0	67.9	61.4	78.8	131.3	153.5	131.3	101.0	89.3
82.5°	79.2	50.1	46.4	48.5	44.0	53.3	90.1	116.3	104.6	73.5	59.4
85°	40.0	29.9	29.9	32.7	29.1	27.5	49.7	77.1	76.7	50.5	43.6
87.5°	16.6	14.5	13.7	15.8	13.7	10.5	14.1	27.9	40.4	30.3	19.4
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)