

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: P674665

Luminaire Tested: **CCP-SA-2B-722-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674665
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-722-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @450mA w/ T3R distribution lens and House Side Shield
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

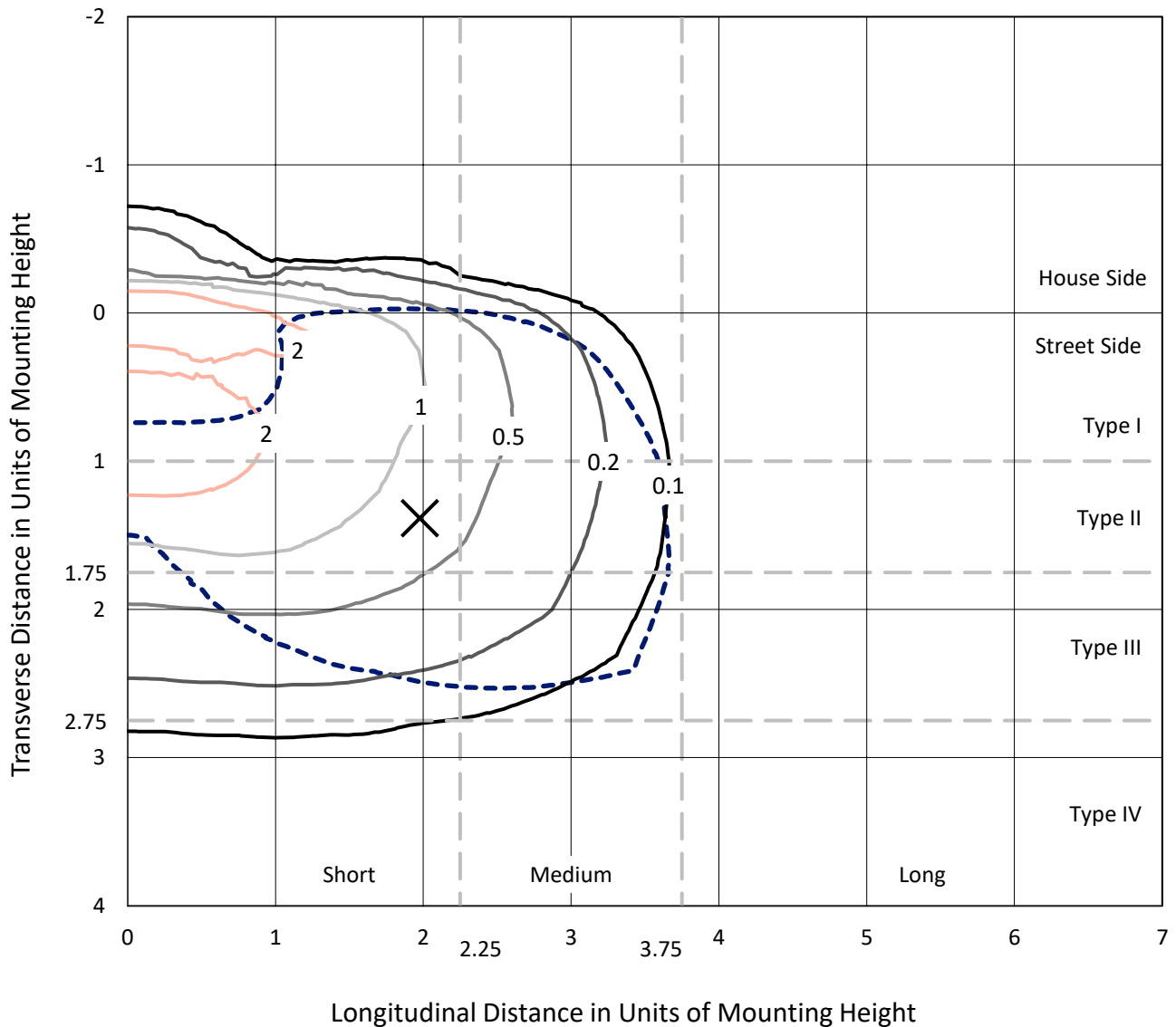
Lumens per Lamp: N/A
Luminaire Lumens: 4034.5 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 46
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: P674665
 CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination

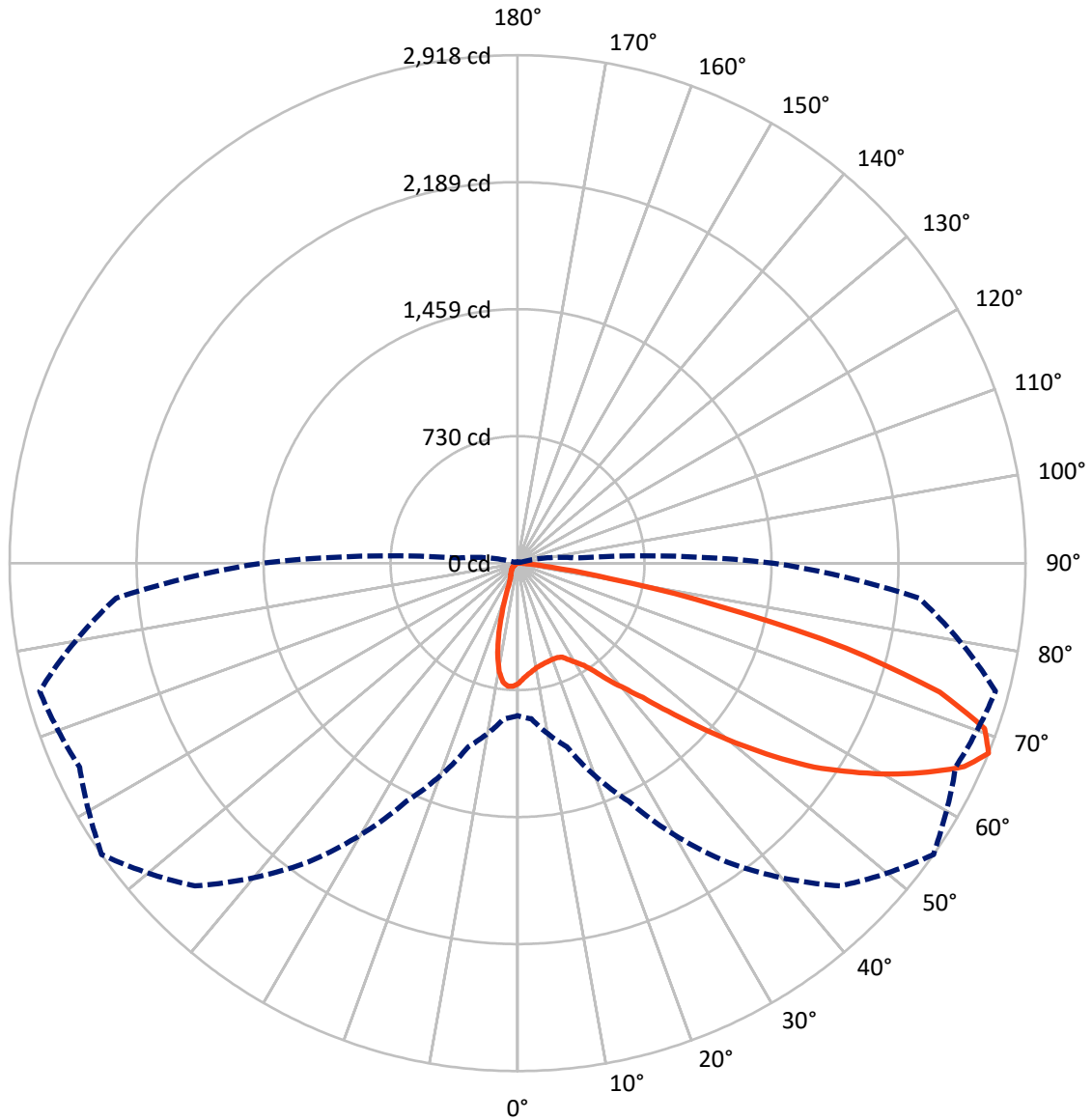
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P674665
CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P674665
 CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

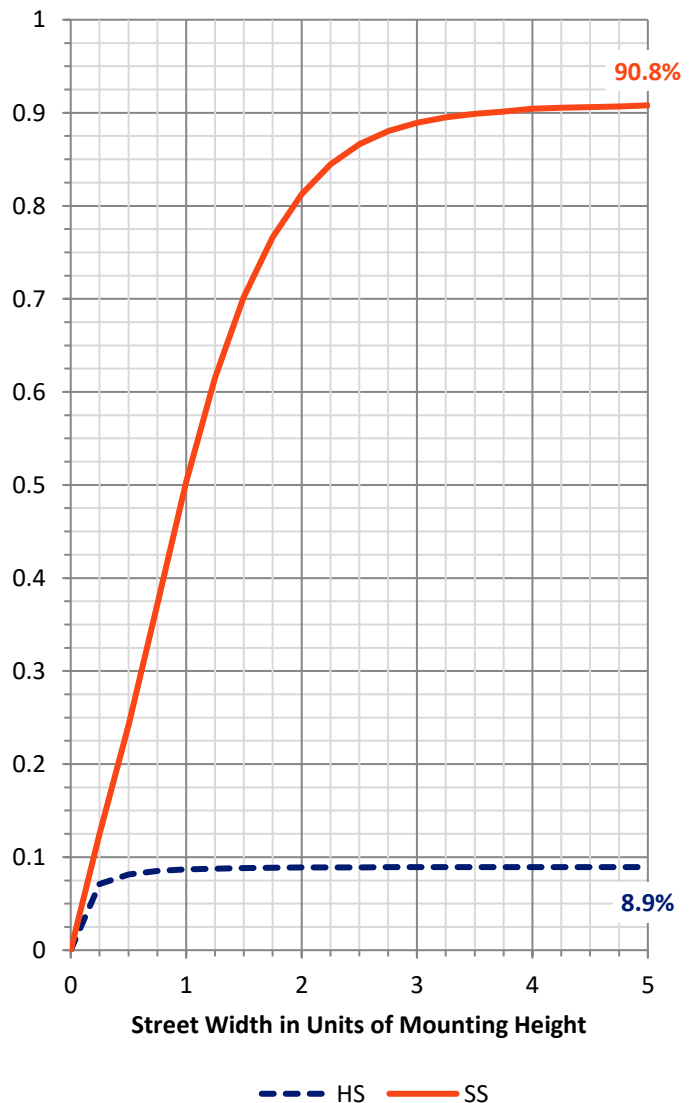
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	362.4	0.0	362.4
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	3672.1	0.0	3672.1
	% Fixture	91.0	0.0	91.0
Total	Lumens	4034.5	0.0	4034.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	1.5
10°-20°	138.2	3.4
20°-30°	221.7	5.5
30°-40°	384.4	9.5
40°-50°	641.0	15.9
50°-60°	937.4	23.2
60°-70°	1093.0	27.1
70°-80°	530.4	13.1
80°-90°	27.7	0.7
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°	4034.5	100.0
0°-180°	4034.5	100.0

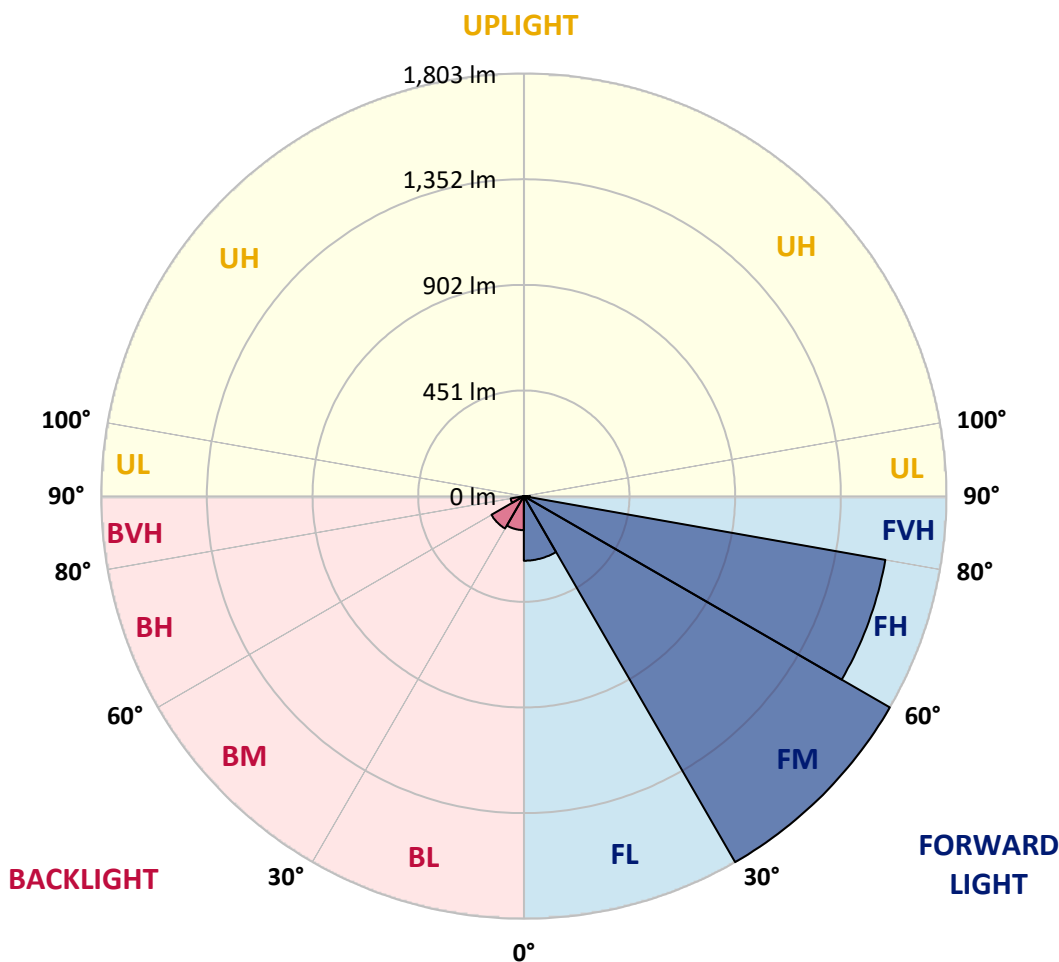


REPORT NUMBER: P674665
 CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	275.6	6.8			
FM (30°-60°)	1803.3	44.7			
FH (60°-80°)	1566.3	38.8			G1/1800
FVH (80°-90°)	26.9	0.7			G1/100
BL (0°-30°)	144.9	3.6	B1/500		
BM (30°-60°)	159.6	4.0	B0/220		
BH (60°-80°)	57.2	1.4	B0/110		G0/110
BVH (80°-90°)	0.8	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type III Short





REPORT NUMBER: P674665

CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4
2.5°	638.2	642.3	647.5	649.4	655.7	664.6	662.0	660.2	670.2	684.0	688.4
5°	598.5	598.8	607.0	613.0	623.8	632.3	641.6	640.9	659.1	682.5	697.4
7.5°	559.4	560.2	568.7	578.0	593.6	610.4	624.5	623.8	653.1	684.3	712.6
10°	508.1	511.9	522.3	538.6	563.2	589.6	609.3	611.1	646.4	691.4	733.4
12.5°	466.9	468.7	480.3	501.5	530.4	565.0	601.8	600.7	647.9	704.4	760.5
15°	449.4	448.3	455.4	471.0	504.1	547.5	594.4	597.0	653.1	719.3	788.8
17.5°	453.5	452.4	456.1	461.7	485.1	533.1	590.3	594.8	661.3	734.9	815.2
20°	498.9	491.0	484.4	478.4	481.8	521.2	587.7	592.5	666.1	746.8	843.1
22.5°	586.2	576.5	558.7	525.6	503.7	521.9	588.4	594.8	676.9	766.1	876.9
25°	728.6	719.3	681.0	613.3	555.4	548.7	598.5	605.2	701.8	795.5	913.0
27.5°	917.0	896.2	849.8	752.7	640.9	591.4	628.6	636.0	737.1	818.2	937.5
30°	1073.5	1068.7	1024.1	905.1	758.7	654.2	662.4	666.5	753.1	831.9	962.0
32.5°	1236.0	1225.9	1185.1	1069.4	895.5	743.8	700.3	702.2	773.9	852.4	997.7
35°	1377.2	1367.9	1333.7	1221.5	1055.3	864.3	763.1	759.1	817.0	897.3	1046.0
37.5°	1508.1	1507.0	1476.9	1362.4	1198.8	989.2	855.7	852.4	884.3	946.8	1111.5
40°	1636.0	1633.0	1607.3	1502.9	1340.1	1113.7	943.8	935.3	941.6	1015.9	1197.7
42.5°	1714.4	1720.7	1729.6	1663.5	1507.7	1259.8	1055.3	1050.1	1049.0	1124.1	1311.1
45°	1756.8	1767.9	1820.3	1814.4	1685.4	1441.5	1214.0	1200.7	1196.2	1272.8	1440.8
47.5°	1798.0	1802.9	1888.7	1924.8	1855.6	1631.1	1405.9	1387.3	1369.1	1454.2	1595.8
50°	1800.6	1808.4	1914.7	2002.5	1998.4	1817.7	1621.1	1604.7	1583.9	1675.0	1747.1
52.5°	1764.2	1779.8	1911.4	2051.5	2086.9	1982.4	1844.5	1831.1	1814.0	1882.0	1874.6
55°	1512.5	1538.9	1846.0	2056.0	2148.9	2123.7	2069.0	2050.4	2033.7	2082.0	1999.5
57.5°	1392.8	1407.7	1647.5	2052.7	2228.1	2254.5	2263.8	2255.2	2231.8	2292.0	2130.0
60°	1321.1	1342.7	1552.7	2015.5	2313.6	2402.4	2460.8	2443.7	2415.1	2498.0	2269.7
62.5°	1235.2	1250.8	1458.3	1908.4	2364.5	2553.0	2645.6	2629.9	2570.8	2687.9	2382.7
65°	1076.9	1100.3	1308.1	1740.0	2296.1	2663.4	2819.5	2814.3	2711.7	2831.4	2413.6
67.5°	876.5	897.7	1091.4	1509.2	2096.1	2622.1	2918.0	2901.7	2775.7	2842.2	2315.8
70°	658.0	669.5	815.6	1153.1	1717.4	2401.7	2846.7	2843.3	2678.6	2682.4	2015.9
72.5°	353.1	385.1	542.3	771.7	1207.7	1945.2	2537.0	2523.6	2389.8	2196.9	1449.7
75°	123.4	132.7	288.8	433.4	656.1	1295.8	1950.8	1919.6	1787.2	1428.9	789.9
77.5°	75.8	83.3	128.2	221.5	255.4	562.4	1172.0	1131.5	1046.0	617.8	269.9
80°	52.4	59.1	85.9	116.0	87.0	182.1	539.4	524.1	403.3	147.2	62.1
82.5°	29.4	35.3	65.1	56.9	34.9	47.2	187.0	173.2	107.4	39.8	20.8
85°	17.1	20.4	45.7	40.1	17.8	16.7	48.7	43.5	27.9	14.9	10.0
87.5°	8.9	11.5	33.5	26.8	10.8	5.9	11.2	10.8	7.1	5.2	6.7
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: P674665
 CATALOG NUMBER: CCP-SA-2B-722-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4	691.4
2.5°	696.6	694.8	704.4	707.8	707.0	705.5	709.2	704.4	704.0	702.9	701.8
5°	709.2	712.2	720.0	720.0	709.6	692.5	682.1	668.0	656.1	649.0	647.9
7.5°	728.2	734.2	739.4	723.4	687.7	645.3	600.3	565.0	534.2	518.2	516.7
10°	755.0	760.5	756.5	710.7	634.2	546.4	473.2	399.6	362.8	342.7	342.7
12.5°	786.9	791.4	766.5	679.1	546.1	418.9	321.2	243.9	207.0	183.3	181.8
15°	821.5	822.6	765.0	624.1	437.1	281.4	184.4	135.3	119.7	116.3	115.6
17.5°	851.6	847.2	749.4	542.7	314.8	167.6	117.1	105.9	103.0	103.0	103.0
20°	879.9	865.0	718.2	447.9	201.8	114.1	100.7	97.8	97.8	98.1	98.1
22.5°	911.1	881.7	673.6	342.7	129.7	97.8	94.4	92.9	92.6	93.7	93.3
25°	947.9	898.1	609.6	236.8	100.4	91.1	89.6	88.1	88.1	88.1	88.1
27.5°	968.3	895.9	536.8	149.4	87.7	84.4	82.9	81.4	80.3	79.9	80.3
30°	986.2	882.8	441.6	104.5	79.2	75.5	74.3	72.5	70.3	69.5	69.5
32.5°	1009.6	872.1	342.0	84.0	71.7	67.7	64.3	61.3	57.6	56.1	55.8
35°	1035.6	852.4	250.5	74.0	65.1	59.8	54.6	49.8	45.0	43.5	43.1
37.5°	1068.0	834.5	169.9	68.4	59.5	53.2	46.1	39.4	34.9	34.2	34.2
40°	1111.8	819.6	117.5	63.6	54.3	46.8	38.3	31.2	28.3	27.5	27.5
42.5°	1171.7	807.4	88.8	59.5	49.8	40.5	30.9	25.6	23.4	22.7	22.7
45°	1242.3	788.4	75.1	55.8	45.4	34.2	25.6	21.6	20.4	20.4	20.4
47.5°	1323.3	764.6	68.4	52.0	40.5	27.9	21.6	19.7	19.3	19.3	19.7
50°	1405.1	736.4	63.6	47.6	34.9	23.8	19.7	18.6	18.6	19.0	19.0
52.5°	1460.5	692.1	58.7	42.7	29.4	20.8	18.6	18.2	17.8	17.8	17.8
55°	1514.4	653.5	52.0	37.5	24.5	19.3	17.8	17.5	17.5	17.1	17.1
57.5°	1570.5	623.0	43.5	31.2	20.8	18.2	17.1	17.1	16.4	16.0	16.0
60°	1635.6	596.2	33.5	24.5	18.2	17.1	16.0	15.6	14.9	14.1	14.1
62.5°	1654.5	539.7	25.3	19.7	15.6	14.9	14.5	13.8	11.9	10.4	10.8
65°	1605.1	450.9	20.1	15.6	12.6	12.6	11.5	9.7	7.8	6.7	6.7
67.5°	1468.7	336.8	16.4	12.3	10.0	9.7	8.2	7.1	4.8	4.1	4.1
70°	1210.3	222.7	13.4	9.7	8.2	6.7	5.6	5.2	3.7	3.0	3.0
72.5°	848.3	120.8	11.2	7.8	5.9	4.5	3.7	3.3	2.6	2.2	1.9
75°	447.9	46.5	8.9	5.9	3.7	3.0	2.2	2.2	1.9	1.5	1.5
77.5°	153.5	19.7	6.3	3.3	2.6	1.9	1.5	1.1	1.5	1.1	1.1
80°	36.4	11.5	4.1	2.2	1.5	1.1	1.1	0.7	0.7	0.7	0.7
82.5°	16.0	6.7	2.6	1.5	1.5	1.1	0.7	0.4	0.4	0.4	0.4
85°	10.8	4.1	1.9	1.5	1.1	0.7	0.4	0.4	0.0	0.0	0.0
87.5°	8.5	2.6	1.5	1.5	1.1	0.7	0.4	0.0	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)