

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: P672265

Luminaire Tested: **CCP-SA-1A-750-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672265
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-750-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ T3R distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

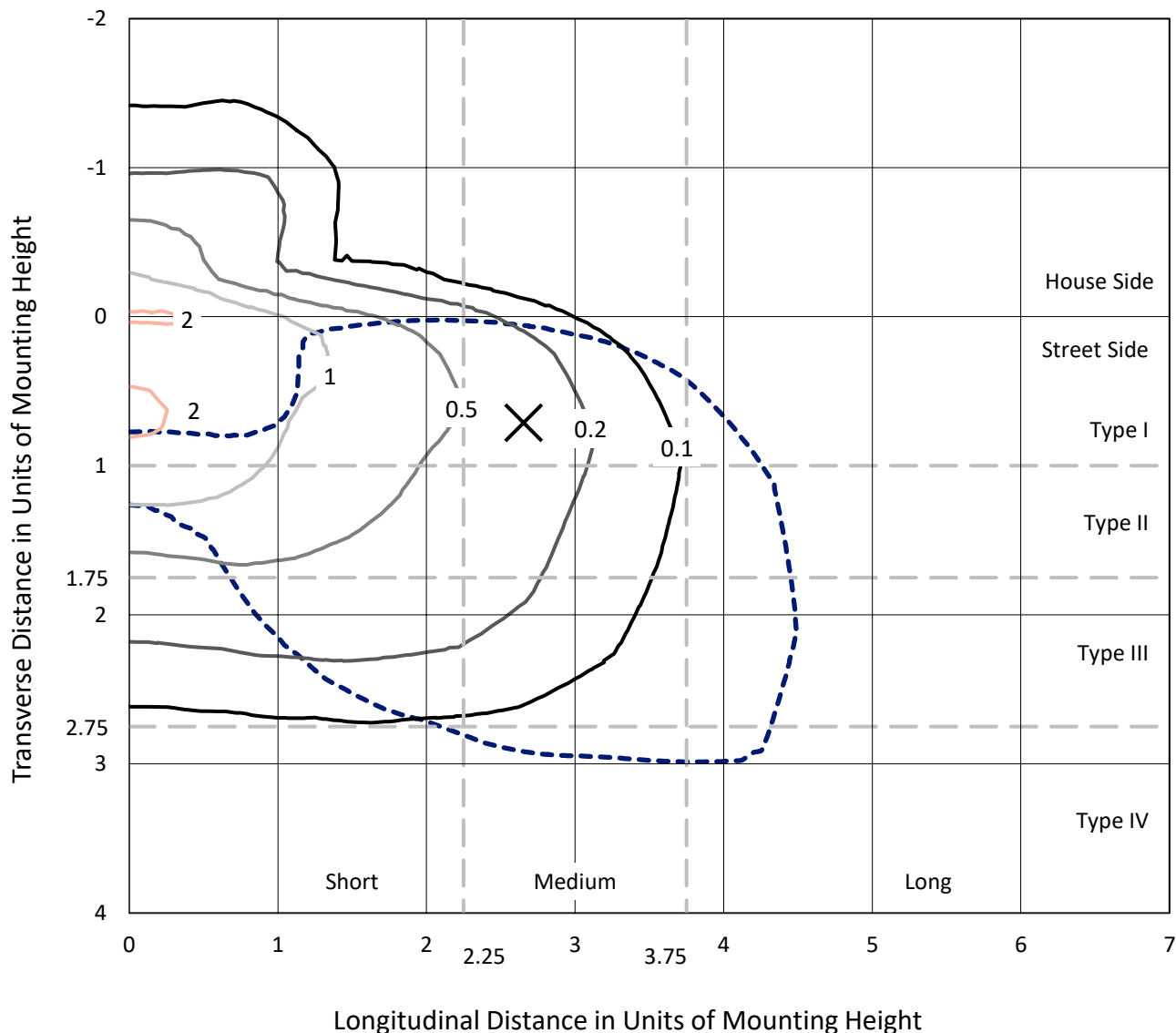
Lumens per Lamp: N/A
Luminaire Lumens: 2844.3 lumens
Efficiency: N/A
Efficacy: 158.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 18
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

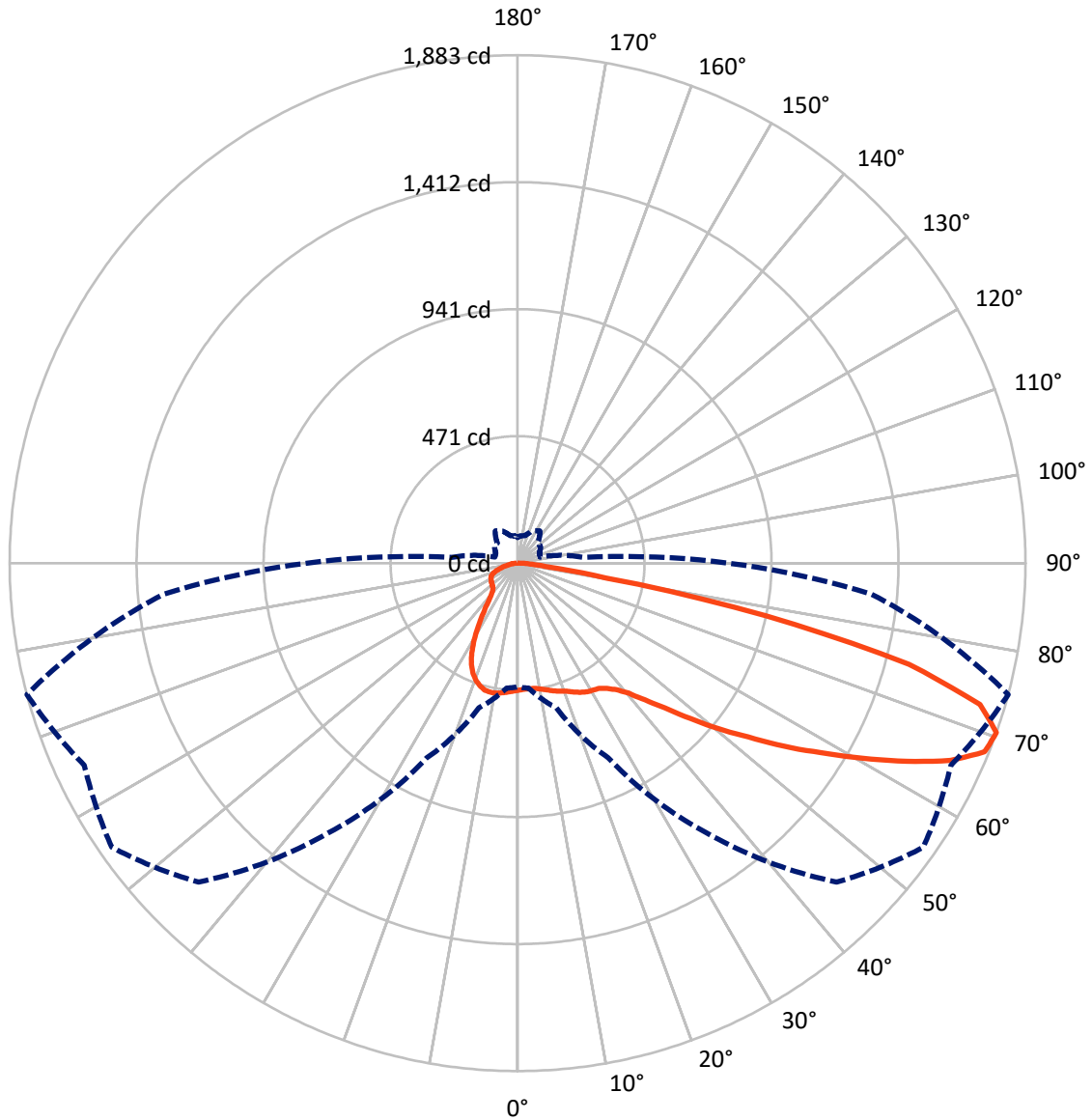
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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



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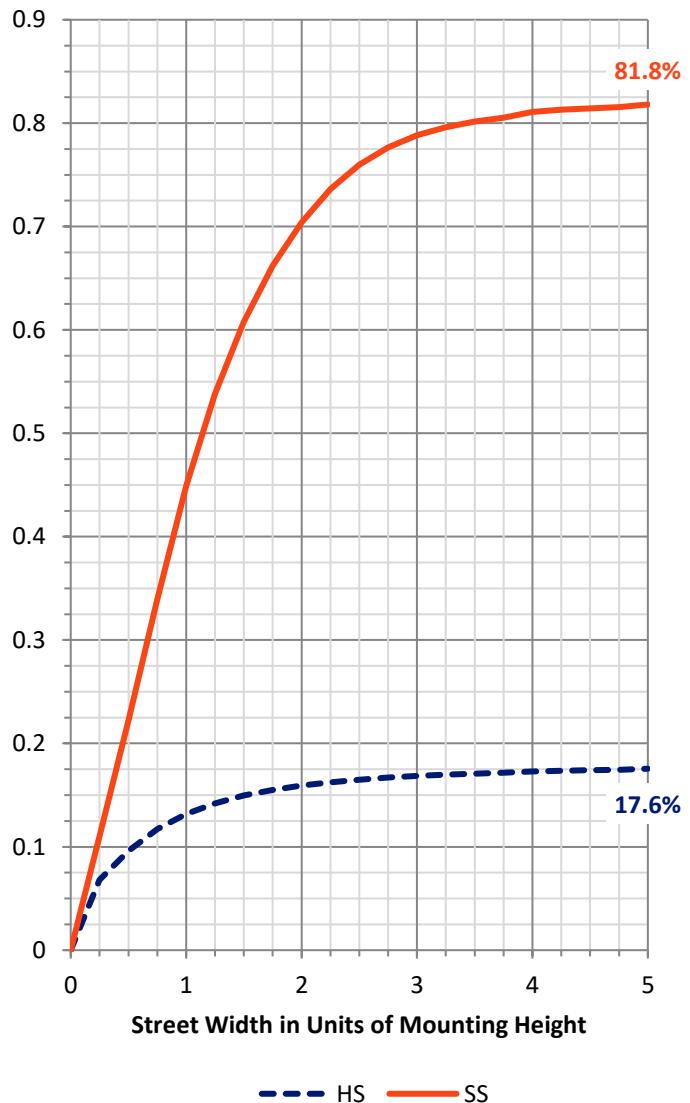
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	506.0	0.0	506.0
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	2338.3	0.0	2338.3
	% Fixture	82.2	0.0	82.2
Total	Lumens	2844.3	0.0	2844.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	1.5
10°-20°	113.0	4.0
20°-30°	190.3	6.7
30°-40°	289.0	10.2
40°-50°	414.1	14.6
50°-60°	549.0	19.3
60°-70°	687.0	24.2
70°-80°	501.7	17.6
80°-90°	57.9	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°	2844.3	100.0
0°-180°	2844.3	100.0



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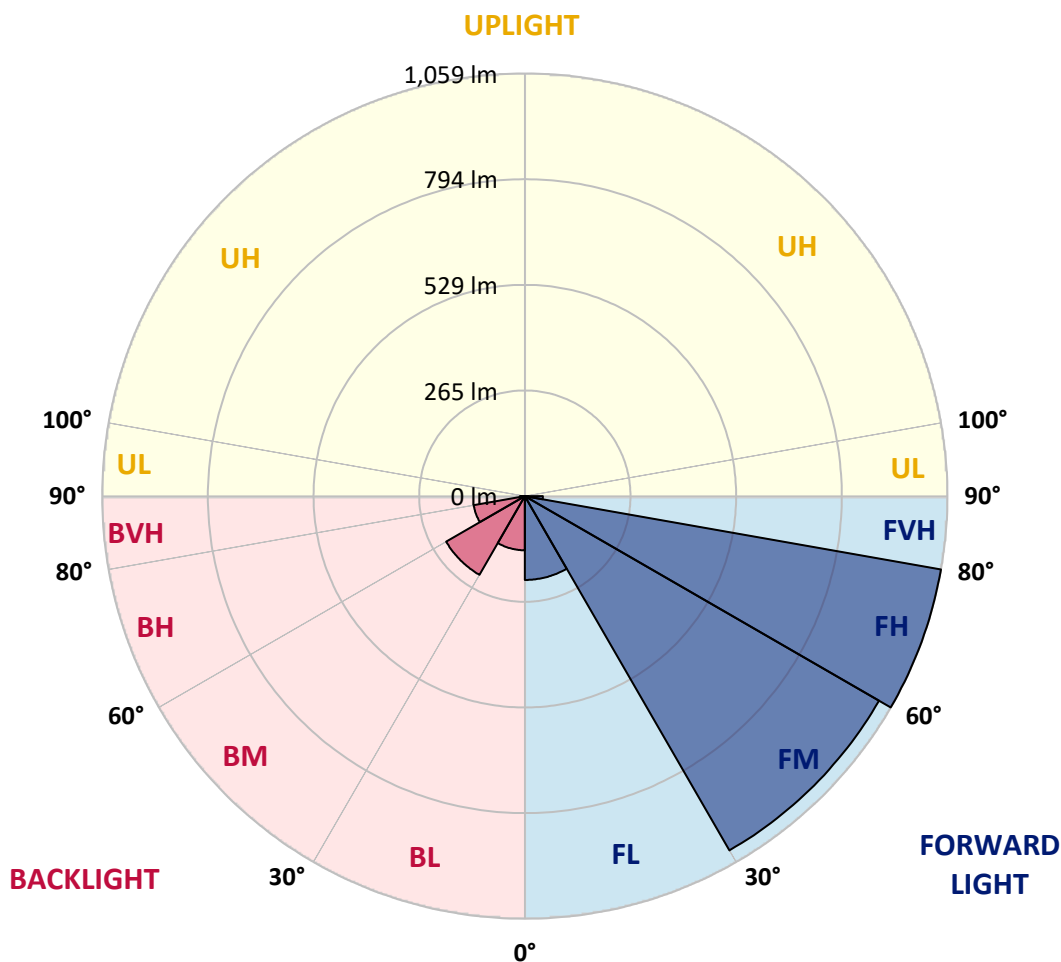
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	209.9	7.4			
FM (30°-60°)	1024.6	36.0			
FH (60°-80°)	1058.6	37.2			G1/1800
FVH (80°-90°)	45.1	1.6			G1/100
BL (0°-30°)	135.6	4.8	B1/500		
BM (30°-60°)	227.5	8.0	B1/1000		
BH (60°-80°)	130.2	4.6	B1/500		G1/500
BVH (80°-90°)	12.7	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-G1

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1
2.5°	445.4	447.8	450.1	452.3	454.2	459.1	460.1	465.4	466.8	468.1	469.7
5°	420.4	422.2	424.5	428.2	432.1	440.9	447.0	458.7	465.2	467.3	473.0
7.5°	406.9	407.5	410.6	413.6	418.1	426.7	435.1	453.3	466.4	468.7	481.0
10°	397.1	397.9	400.7	405.0	409.5	417.5	428.0	449.7	470.9	474.4	491.8
12.5°	393.6	393.2	396.4	399.3	405.6	415.7	426.5	449.9	477.1	482.0	507.6
15°	407.5	404.8	406.9	405.9	407.9	417.7	430.6	454.4	484.7	490.8	523.9
17.5°	438.2	435.9	434.5	425.7	420.0	425.5	437.8	460.7	492.6	499.2	538.7
20°	484.0	477.7	472.4	457.6	441.7	439.8	448.4	467.0	500.2	506.6	554.2
22.5°	536.2	531.1	522.5	496.7	472.0	459.7	461.9	478.7	511.3	518.2	572.0
25°	602.1	601.9	584.3	549.5	512.1	487.3	482.6	497.3	523.7	530.5	586.8
27.5°	677.2	672.1	651.2	606.4	559.4	521.5	510.4	516.4	533.8	540.7	598.7
30°	741.5	742.1	720.8	671.9	609.7	554.9	534.0	530.1	540.3	547.3	609.7
32.5°	810.3	806.8	787.4	737.0	664.1	590.7	549.1	539.9	547.1	553.6	625.1
35°	875.0	871.1	854.3	800.0	724.1	630.2	569.6	555.3	563.0	570.2	643.9
37.5°	936.6	937.2	918.1	866.4	782.2	676.8	599.9	578.4	586.8	594.8	672.5
40°	990.4	987.3	972.6	925.9	842.6	724.3	634.1	609.9	626.3	633.6	708.8
42.5°	1007.6	1007.4	1013.1	984.4	906.1	780.8	676.6	659.0	682.2	693.2	753.2
45°	992.6	997.1	1030.3	1029.5	969.5	845.7	734.8	718.8	752.2	764.6	807.4
47.5°	977.9	984.7	1029.7	1055.3	1026.4	917.1	806.2	794.3	842.2	860.2	863.7
50°	956.4	962.8	1016.4	1058.9	1061.2	989.4	898.7	883.8	945.4	963.8	924.9
52.5°	932.5	937.4	992.8	1056.3	1077.8	1045.8	989.4	985.1	1055.9	1070.8	987.1
55°	800.2	821.1	958.2	1050.6	1089.2	1089.0	1077.6	1091.7	1176.4	1198.7	1056.5
57.5°	724.3	735.4	860.8	1047.3	1110.7	1128.9	1168.6	1198.9	1305.2	1325.2	1133.0
60°	699.6	709.4	811.9	1043.4	1153.5	1191.4	1257.7	1306.8	1443.5	1468.1	1218.6
62.5°	677.0	688.9	792.1	1012.5	1205.3	1290.2	1363.9	1423.5	1589.4	1618.5	1303.7
65°	631.2	639.6	755.6	986.5	1254.4	1431.2	1517.2	1552.0	1730.9	1763.6	1360.2
67.5°	552.0	560.0	673.6	926.7	1286.3	1578.0	1684.8	1685.0	1840.2	1867.0	1372.1
70°	458.9	465.0	555.3	796.6	1219.8	1672.1	1836.1	1772.0	1871.1	1882.7	1315.6
72.5°	328.1	333.4	406.7	588.8	1000.2	1595.8	1870.4	1768.3	1796.2	1792.5	1154.9
75°	202.2	212.4	249.1	359.4	621.6	1255.6	1683.4	1602.3	1508.2	1498.0	869.6
77.5°	131.8	137.1	168.4	212.0	274.3	720.8	1278.6	1201.4	952.3	940.4	467.5
80°	79.2	88.0	110.3	133.2	124.2	275.7	730.0	596.8	336.5	332.8	143.7
82.5°	42.6	50.6	77.8	82.5	69.8	97.4	264.4	194.0	107.7	106.4	53.8
85°	33.8	37.7	55.9	52.2	39.5	49.3	103.2	80.8	55.3	54.0	20.3
87.5°	20.5	25.8	42.4	35.2	19.6	17.8	47.3	38.3	26.0	24.2	8.0
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°	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1	471.1
2.5°	472.8	473.8	474.8	472.8	473.6	472.6	472.6	472.6	469.9	469.1	471.6
5°	477.3	478.7	479.5	473.2	469.3	463.6	458.9	451.7	447.6	444.9	444.9
7.5°	486.5	488.1	484.4	470.3	456.6	441.3	425.5	412.4	403.0	398.9	400.1
10°	500.0	500.6	488.3	462.3	433.1	404.6	382.3	364.9	353.3	347.3	346.5
12.5°	515.8	513.1	489.2	444.7	401.4	363.1	335.9	313.3	298.4	292.7	289.8
15°	531.3	525.0	486.1	423.7	365.3	319.3	284.5	263.2	254.0	251.3	250.3
17.5°	545.2	533.4	475.9	393.4	323.6	268.1	242.5	235.0	236.0	238.4	239.5
20°	557.9	539.7	461.1	357.3	271.4	228.2	221.9	228.8	234.5	238.2	238.8
22.5°	571.8	545.8	440.6	313.5	228.6	209.8	217.4	225.3	231.1	234.8	235.4
25°	582.5	545.6	411.8	261.6	201.6	204.9	213.9	221.0	225.3	228.0	227.8
27.5°	589.2	540.7	373.9	218.8	191.0	201.4	210.0	214.7	217.2	219.2	219.0
30°	591.3	531.3	326.2	187.3	186.0	198.1	204.7	207.5	209.4	211.4	211.4
32.5°	595.4	516.8	273.6	169.7	182.4	194.8	198.7	201.0	199.6	194.4	193.4
35°	599.9	500.6	223.9	161.5	178.9	192.6	196.3	190.3	174.8	172.7	171.9
37.5°	608.7	485.7	181.7	155.8	178.1	193.8	196.9	173.1	160.0	153.7	152.7
40°	623.6	470.7	153.5	151.7	179.1	199.1	188.7	165.0	143.3	131.2	129.1
42.5°	643.3	452.5	137.5	149.6	181.9	207.7	185.8	153.3	129.6	121.4	120.1
45°	666.0	428.4	130.0	149.2	185.4	212.0	186.7	143.9	123.4	117.1	116.7
47.5°	689.5	404.6	126.7	148.8	189.7	210.2	175.4	141.0	121.0	119.1	120.3
50°	714.9	377.6	124.0	147.8	193.2	210.2	169.3	140.4	121.8	125.9	130.0
52.5°	738.6	354.9	121.0	144.7	194.6	206.5	167.4	142.7	123.0	122.0	123.2
55°	767.5	343.2	119.3	140.4	192.0	195.3	165.2	148.8	124.0	115.6	115.6
57.5°	800.5	340.8	116.9	134.7	183.4	179.7	165.0	152.5	121.4	113.6	112.2
60°	840.2	346.1	113.8	127.5	172.9	167.6	163.5	152.5	117.1	110.1	110.7
62.5°	872.3	345.5	112.0	121.2	159.0	155.1	160.9	150.4	115.4	109.7	109.5
65°	879.9	332.4	106.6	113.0	141.8	140.0	158.0	145.3	113.2	107.5	105.8
67.5°	854.3	302.7	98.6	102.1	123.6	123.8	152.9	138.6	110.1	106.2	103.6
70°	781.6	244.8	86.8	89.0	104.0	106.6	145.3	130.6	105.0	100.9	94.6
72.5°	654.1	176.0	73.1	73.7	82.7	89.6	132.2	119.7	97.4	87.8	81.0
75°	484.2	116.9	59.6	58.7	62.0	72.9	113.0	107.7	87.6	72.9	69.4
77.5°	256.0	69.2	45.8	46.1	44.0	55.9	89.6	93.5	77.8	61.4	57.9
80°	87.6	41.5	33.0	34.4	31.1	39.9	66.5	77.8	66.5	51.2	45.2
82.5°	40.1	25.4	23.5	24.6	22.3	27.0	45.6	58.9	53.0	37.2	30.1
85°	20.3	15.1	15.1	16.6	14.7	13.9	25.2	39.1	38.9	25.6	22.1
87.5°	8.4	7.4	7.0	8.0	7.0	5.3	7.2	14.1	20.5	15.4	9.8
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)