

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: P682879

Luminaire Tested: **CCP-SA-2-AMB-U-T2R**

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P682879
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2-AMB-U-T2R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ T2R distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

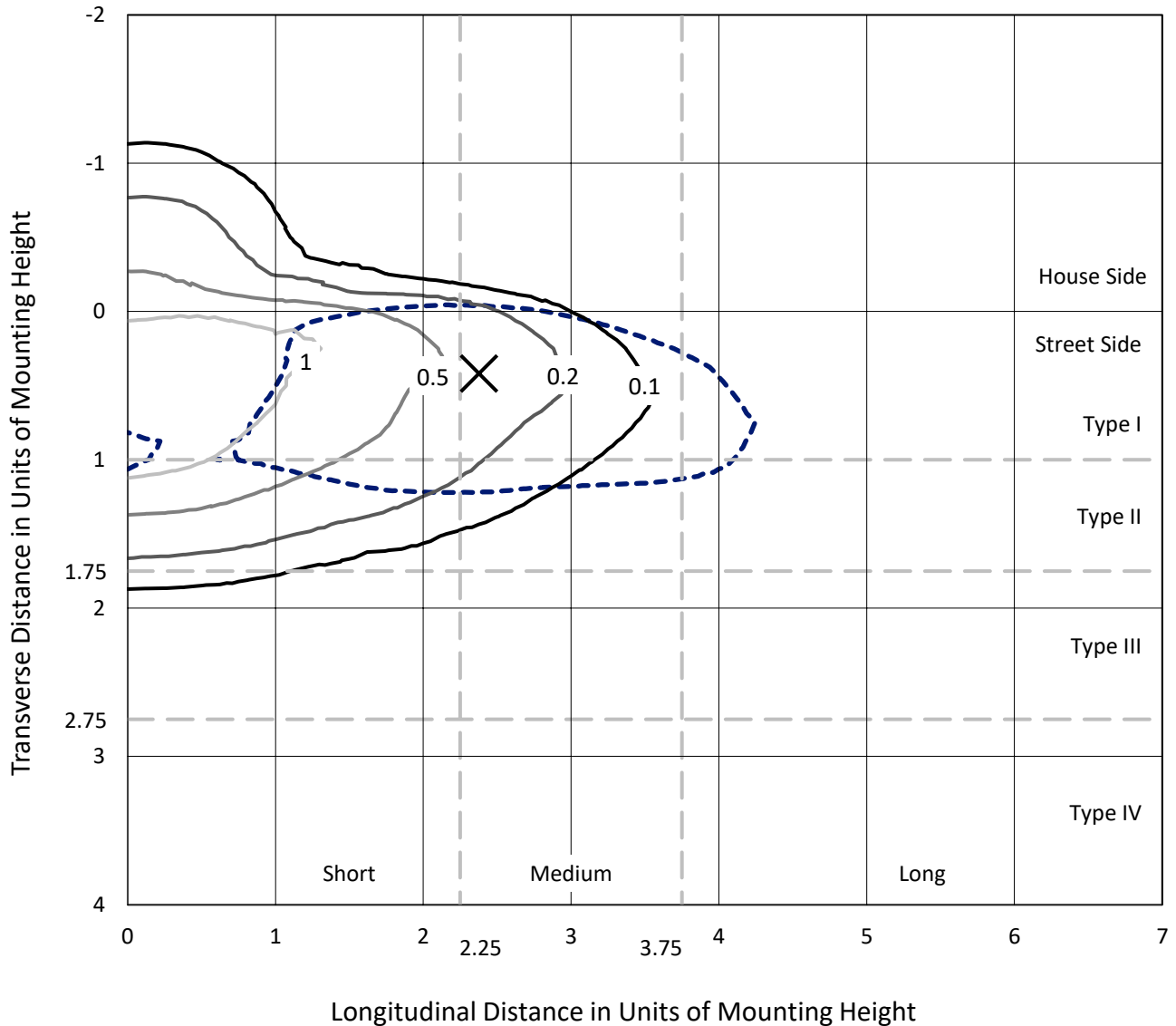
Lumens per Lamp: N/A
Luminaire Lumens: 1739.4 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 40.2
Input Voltage (V): 120
Input Current (A_{in}): 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

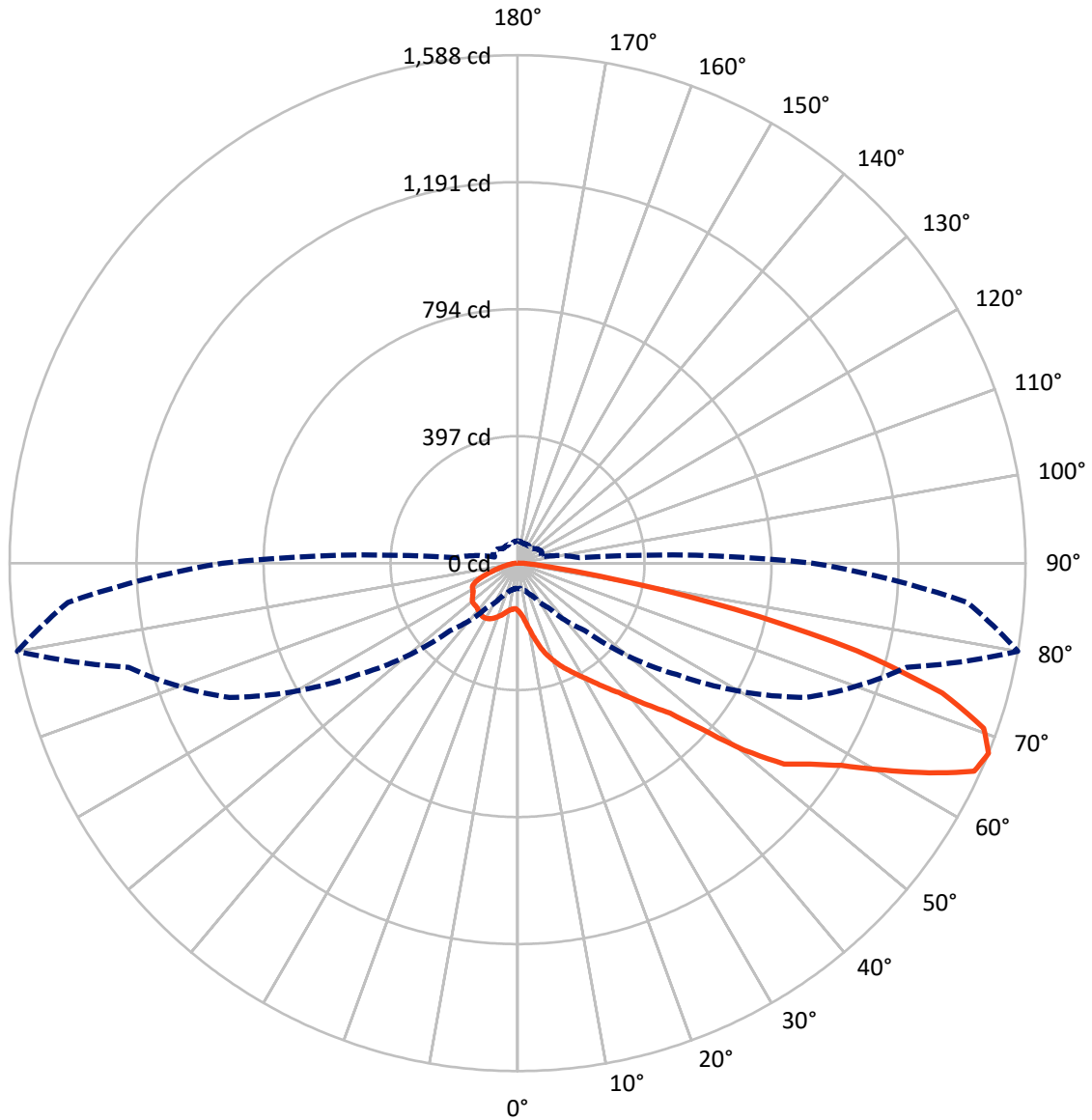
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical



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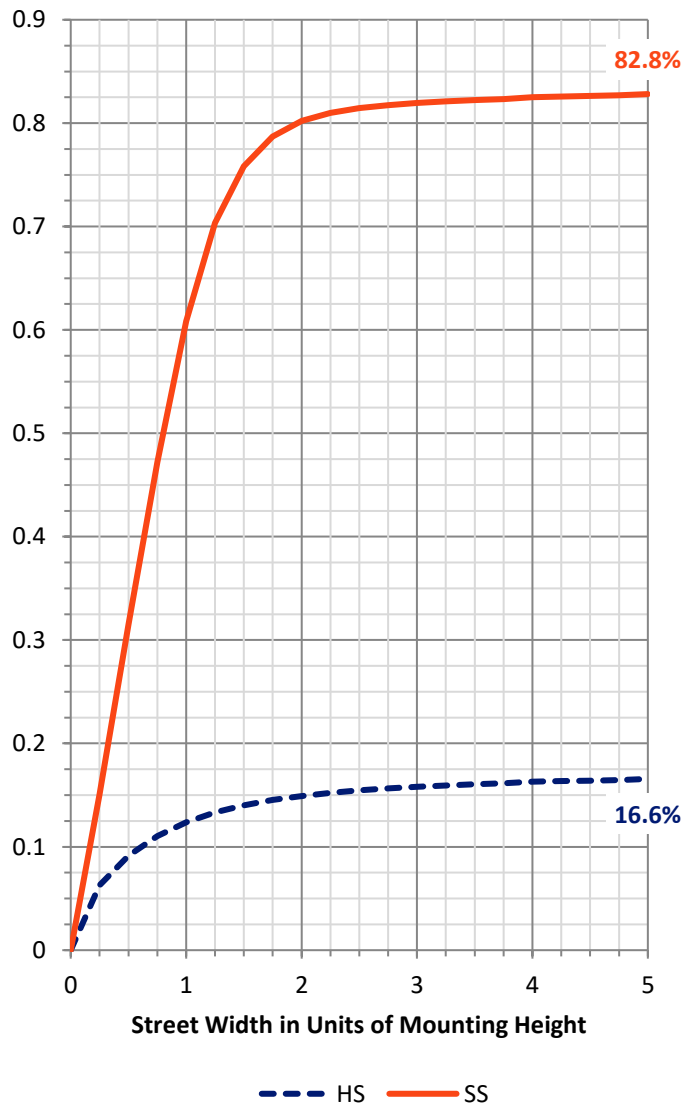
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	294.0	0.0	294.0
	% Fixture	16.9	0.0	16.9
Street Side	Lumens	1445.4	0.0	1445.4
	% Fixture	83.1	0.0	83.1
Total	Lumens	1739.4	0.0	1739.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	1.1
10°-20°	69.6	4.0
20°-30°	128.8	7.4
30°-40°	217.8	12.5
40°-50°	326.5	18.8
50°-60°	398.3	22.9
60°-70°	359.0	20.6
70°-80°	190.2	10.9
80°-90°	30.9	1.8
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°	1739.4	100.0
0°-180°	1739.4	100.0



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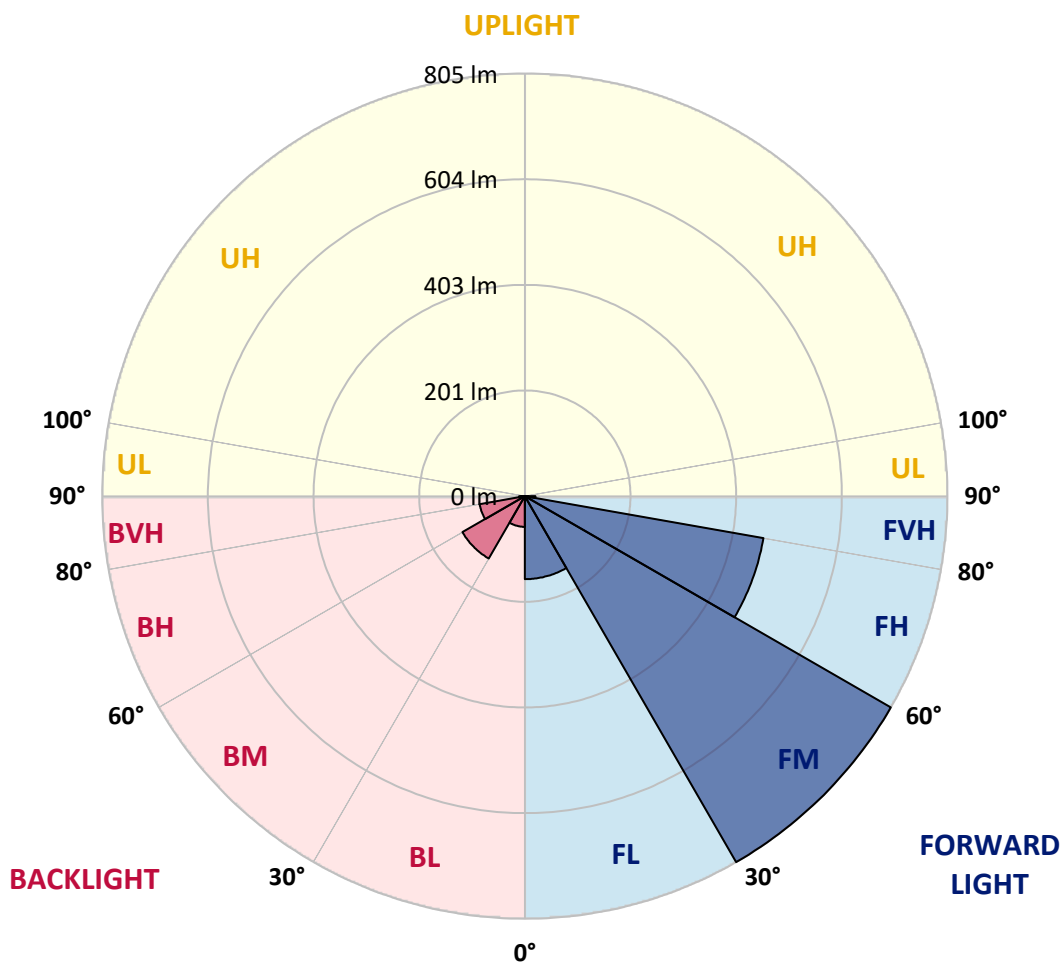
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	158.2	9.1			
FM (30°-60°)	805.3	46.3			
FH (60°-80°)	461.8	26.5			G0/660
FVH (80°-90°)	20.1	1.2			G1/100
BL (0°-30°)	58.5	3.4	B0/110		
BM (30°-60°)	137.3	7.9	B0/220		
BH (60°-80°)	87.5	5.0	B0/110		G0/110
BVH (80°-90°)	10.8	0.6			G1/100
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°	80°	85°
0°	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1
2.5°	215.5	203.5	200.5	191.5	188.5	179.6	170.6	164.6	158.6	155.6	152.6
5°	278.3	272.3	270.8	269.3	261.9	249.9	233.4	200.5	173.6	167.6	163.1
7.5°	315.7	311.2	308.2	306.7	300.8	293.3	279.8	251.4	208.0	187.0	175.1
10°	345.7	342.7	342.7	341.2	336.7	327.7	312.7	290.3	245.4	214.0	190.0
12.5°	366.6	363.6	366.6	375.6	374.1	369.6	348.6	321.7	279.8	243.9	209.5
15°	363.6	363.6	371.1	386.1	396.5	401.0	386.1	356.1	308.2	276.8	233.4
17.5°	348.6	347.1	357.6	378.6	399.5	420.5	417.5	387.5	335.2	303.8	257.4
20°	347.1	345.7	353.1	372.6	396.5	425.0	439.9	417.5	359.1	326.2	279.8
22.5°	363.6	362.1	366.6	381.6	398.0	426.5	451.9	442.9	383.1	350.1	303.8
25°	390.5	387.5	387.5	396.5	410.0	435.4	463.9	463.9	408.5	371.1	326.2
27.5°	444.4	442.9	432.4	422.0	425.0	451.9	477.3	481.8	432.4	393.5	348.6
30°	523.7	517.7	498.3	474.3	448.9	466.9	495.3	498.3	454.9	417.5	372.6
32.5°	628.5	616.5	585.1	537.2	486.3	484.8	516.2	517.7	481.8	445.9	399.5
35°	713.7	698.8	667.4	622.5	544.7	513.2	538.7	540.2	508.8	478.8	429.4
37.5°	766.1	755.6	724.2	689.8	619.5	556.6	564.1	565.6	535.7	513.2	460.9
40°	809.5	794.6	769.1	743.7	686.8	615.0	597.0	601.5	568.6	559.6	499.8
42.5°	817.0	800.5	784.1	775.1	739.2	677.8	640.4	638.9	609.0	610.5	541.7
45°	805.0	788.6	781.1	787.1	767.6	733.2	706.3	686.8	652.4	668.9	601.5
47.5°	785.6	769.1	770.6	787.1	782.6	769.1	776.6	757.1	727.2	773.6	701.8
50°	724.2	707.8	724.2	772.1	790.1	797.5	840.9	836.4	857.4	918.7	830.5
52.5°	624.0	612.0	644.9	706.3	770.6	820.0	884.3	945.7	981.6	1042.9	914.3
55°	493.8	487.8	532.7	606.0	706.3	815.5	920.2	995.1	1023.5	1108.8	977.1
57.5°	392.0	383.1	422.0	499.8	604.5	766.1	941.2	1054.9	1062.4	1192.6	1057.9
60°	276.8	275.3	308.2	384.6	489.3	679.3	917.3	1117.8	1134.2	1312.3	1170.1
62.5°	194.5	194.5	218.5	270.8	377.1	555.1	864.9	1144.7	1206.0	1444.0	1291.3
65°	124.2	122.7	143.6	187.0	257.4	426.5	761.6	1099.8	1267.4	1568.2	1393.1
67.5°	79.3	79.3	88.3	113.7	172.1	297.8	607.5	993.6	1258.4	1587.6	1411.0
70°	62.8	62.8	65.8	74.8	104.7	200.5	429.4	837.9	1197.1	1545.7	1354.2
72.5°	55.4	55.4	56.9	58.4	70.3	124.2	278.3	643.4	1093.8	1388.6	1188.1
75°	49.4	49.4	50.9	50.9	56.9	82.3	160.1	453.4	929.2	1096.8	884.3
77.5°	44.9	44.9	44.9	43.4	49.4	61.3	80.8	288.8	686.8	694.3	523.7
80°	37.4	37.4	38.9	37.4	44.9	46.4	44.9	154.1	371.1	302.3	214.0
82.5°	28.4	29.9	31.4	31.4	38.9	31.4	29.9	73.3	137.7	100.3	73.3
85°	16.5	18.0	23.9	25.4	31.4	18.0	22.4	41.9	50.9	40.4	25.4
87.5°	4.5	4.5	13.5	16.5	18.0	7.5	12.0	22.4	25.4	19.5	9.0
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°	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1
2.5°	149.6	146.6	139.2	134.7	131.7	128.7	127.2	124.2	122.7	122.7	124.2
5°	155.6	148.1	137.7	131.7	125.7	122.7	121.2	121.2	121.2	119.7	121.2
7.5°	163.1	152.6	139.2	128.7	125.7	124.2	122.7	124.2	122.7	122.7	122.7
10°	173.6	158.6	139.2	130.2	127.2	125.7	125.7	125.7	125.7	125.7	125.7
12.5°	185.5	166.1	142.2	134.7	130.2	128.7	128.7	128.7	127.2	125.7	127.2
15°	202.0	176.6	146.6	139.2	134.7	133.2	130.2	128.7	127.2	125.7	125.7
17.5°	217.0	187.0	152.6	142.2	137.7	134.7	130.2	128.7	125.7	125.7	125.7
20°	231.9	196.0	157.1	145.1	139.2	133.2	130.2	127.2	122.7	122.7	122.7
22.5°	248.4	206.5	161.6	148.1	139.2	133.2	127.2	122.7	119.7	118.2	116.7
25°	264.9	215.5	164.6	148.1	137.7	128.7	122.7	118.2	115.2	113.7	113.7
27.5°	282.8	224.4	166.1	146.6	133.2	124.2	118.2	113.7	109.2	107.7	107.7
30°	300.8	231.9	164.6	142.2	127.2	118.2	112.2	109.2	104.7	103.2	103.2
32.5°	321.7	237.9	161.6	136.2	121.2	112.2	106.2	104.7	101.8	100.3	98.8
35°	341.2	240.9	155.6	128.7	115.2	106.2	104.7	103.2	98.8	95.8	95.8
37.5°	360.6	243.9	146.6	119.7	107.7	103.2	103.2	100.3	95.8	91.3	89.8
40°	387.5	246.9	137.7	110.7	101.8	101.8	101.8	97.3	88.3	85.3	85.3
42.5°	416.0	249.9	127.2	103.2	95.8	100.3	98.8	89.8	85.3	82.3	80.8
45°	460.9	257.4	116.7	94.3	92.8	95.8	94.3	86.8	83.8	80.8	79.3
47.5°	543.2	266.3	107.7	89.8	89.8	91.3	88.3	85.3	82.3	79.3	77.8
50°	627.0	270.8	100.3	85.3	86.8	88.3	83.8	83.8	80.8	77.8	76.3
52.5°	670.4	264.9	92.8	83.8	85.3	83.8	80.8	80.8	79.3	74.8	74.8
55°	712.3	255.9	88.3	83.8	85.3	77.8	77.8	79.3	77.8	73.3	73.3
57.5°	773.6	245.4	85.3	83.8	85.3	74.8	76.3	76.3	74.8	73.3	71.8
60°	845.4	239.4	85.3	83.8	83.8	71.8	73.3	73.3	73.3	71.8	71.8
62.5°	918.7	236.4	83.8	85.3	82.3	70.3	70.3	71.8	70.3	71.8	70.3
65°	962.1	224.4	80.8	85.3	79.3	67.3	67.3	67.3	67.3	70.3	70.3
67.5°	921.7	194.5	74.8	83.8	76.3	64.3	64.3	64.3	64.3	68.8	68.8
70°	823.0	155.6	65.8	76.3	71.8	62.8	61.3	61.3	59.9	67.3	65.8
72.5°	643.4	112.2	53.9	65.8	67.3	59.9	56.9	56.9	55.4	61.3	58.4
75°	389.0	79.3	44.9	52.4	56.9	56.9	53.9	52.4	49.4	50.9	49.4
77.5°	185.5	53.9	35.9	40.4	44.9	52.4	52.4	46.4	41.9	41.9	40.4
80°	77.8	34.4	26.9	29.9	31.4	46.4	49.4	40.4	34.4	34.4	32.9
82.5°	38.9	22.4	19.5	22.4	20.9	37.4	44.9	32.9	28.4	41.9	34.4
85°	16.5	13.5	12.0	13.5	13.5	25.4	37.4	22.4	28.4	25.4	20.9
87.5°	6.0	6.0	7.5	6.0	6.0	6.0	20.9	10.5	13.5	6.0	4.5
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)