

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: P683023

Luminaire Tested: **CCP-SA-2-AMB-U-T3R**

Issue Date: 04/26/2023



Test Information

Test Method: LM-79-08
Report Number: P683023
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-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @500mA w/ T3R distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

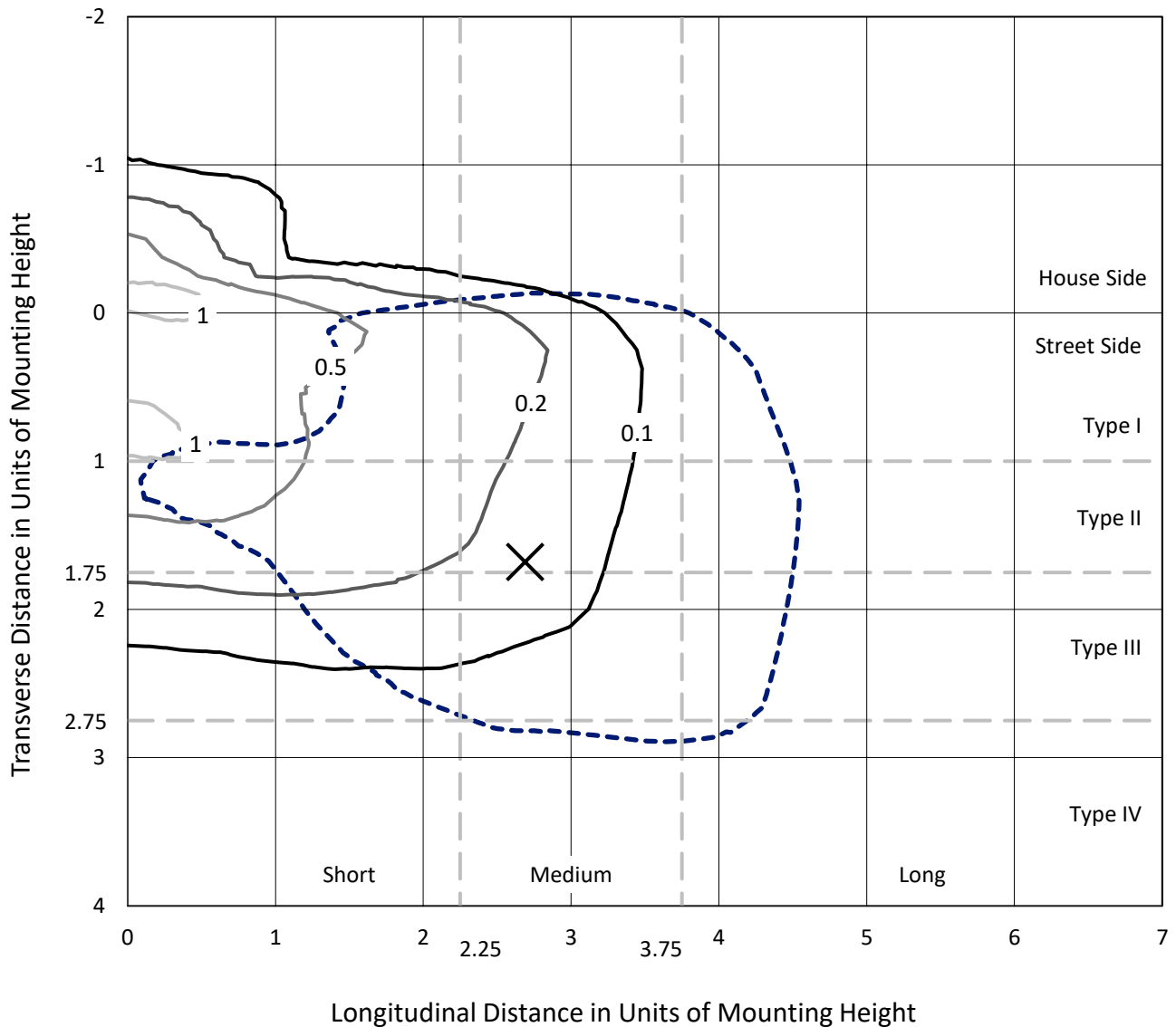
Lumens per Lamp: N/A
Luminaire Lumens: 1739.4 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B0 - U0 - G1

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

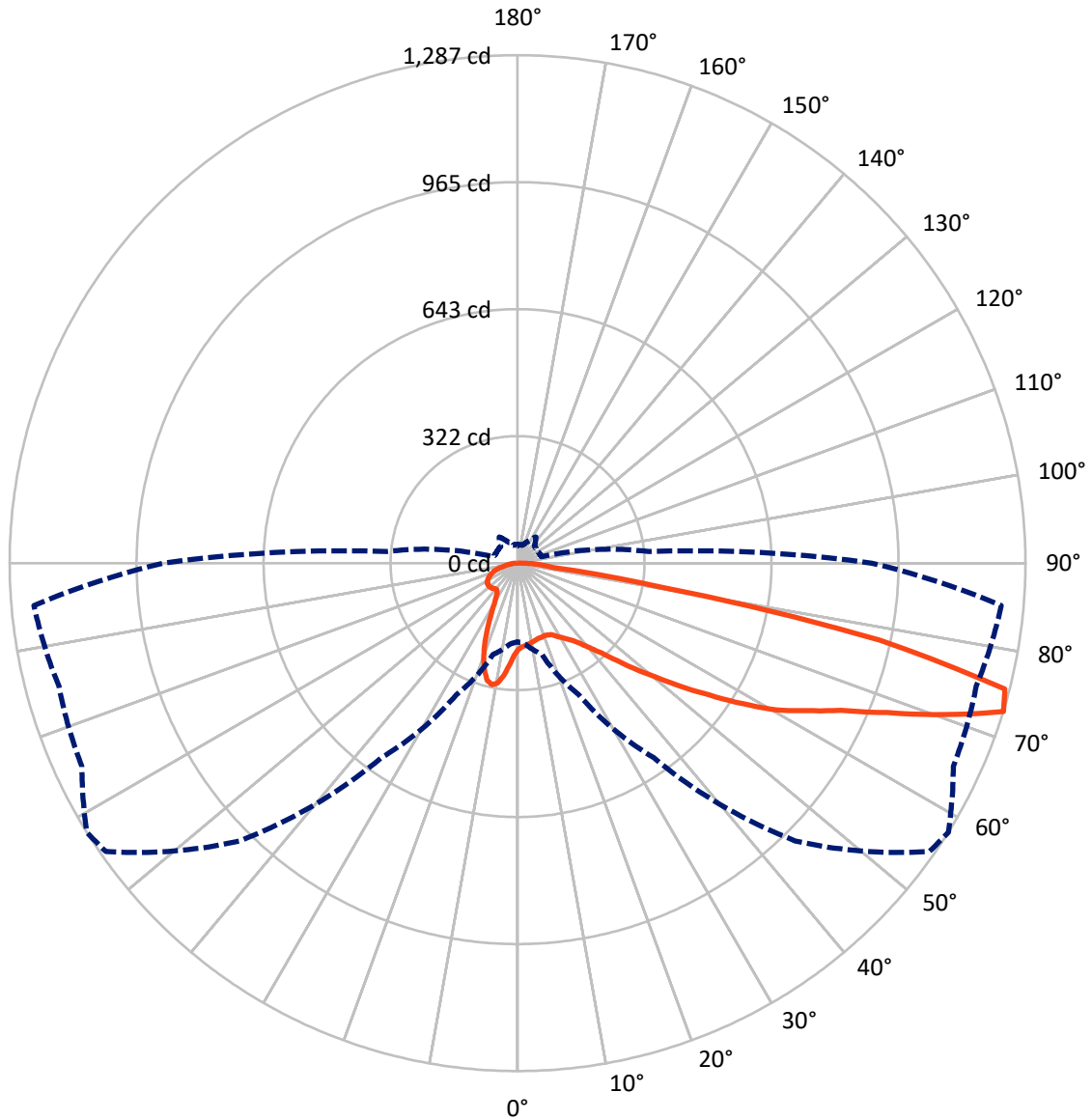
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 58-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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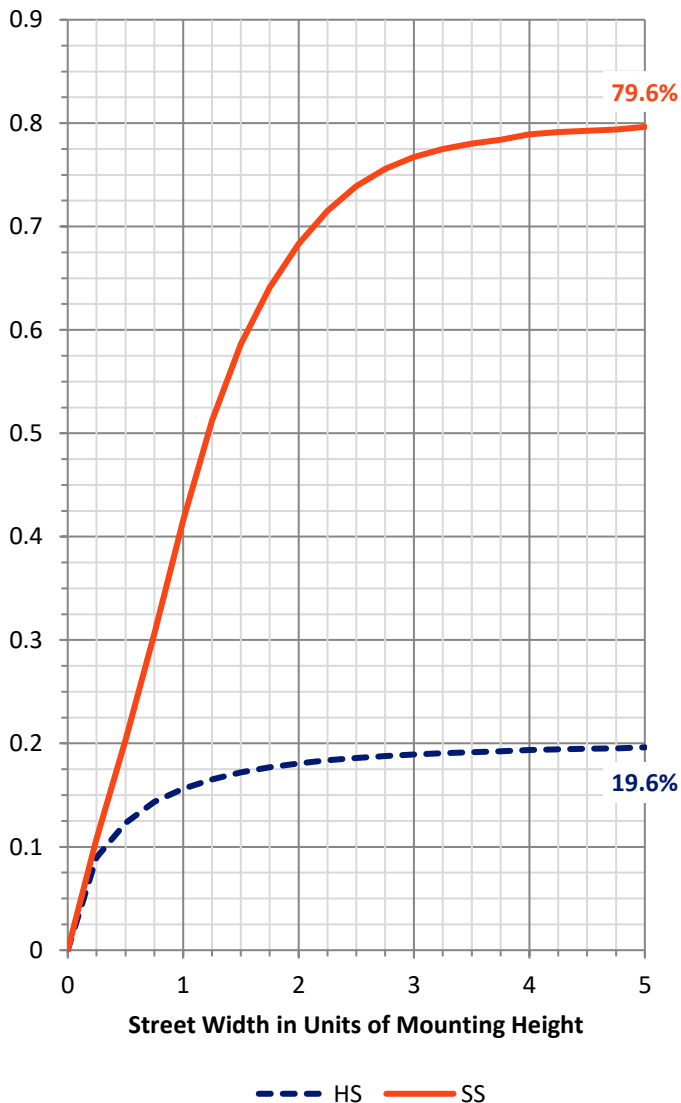
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	346.9	0.0	346.9
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	1392.5	0.0	1392.5
	% Fixture	80.1	0.0	80.1
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°	22.3	1.3
10°-20°	63.8	3.7
20°-30°	100.0	5.7
30°-40°	152.7	8.8
40°-50°	240.1	13.8
50°-60°	338.4	19.5
60°-70°	424.6	24.4
70°-80°	360.1	20.7
80°-90°	37.3	2.1
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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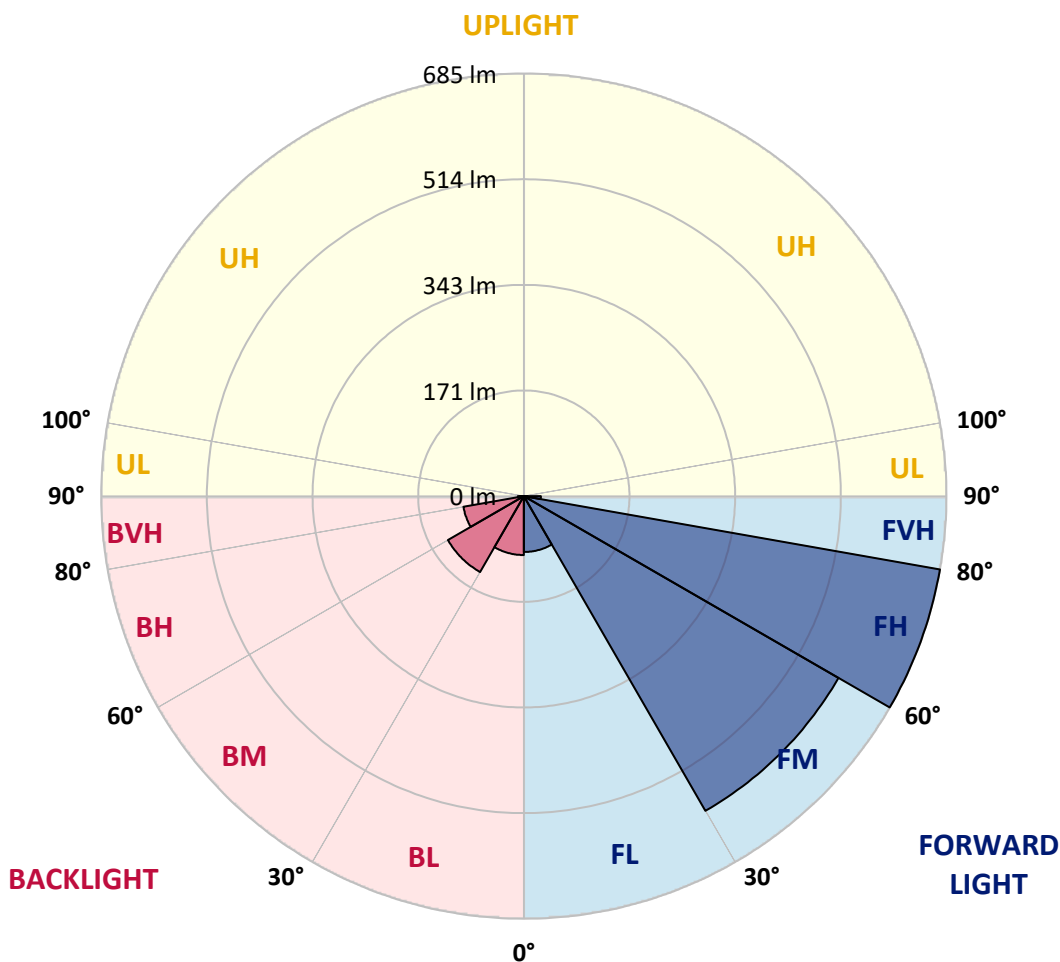
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	90.6	5.2			
FM (30°-60°)	589.1	33.9			
FH (60°-80°)	685.2	39.4			G1/1800
FVH (80°-90°)	27.6	1.6			G1/100
BL (0°-30°)	95.5	5.5	B0/110		
BM (30°-60°)	142.2	8.2	B0/220		
BH (60°-80°)	99.5	5.7	B0/110		G0/110
BVH (80°-90°)	9.8	0.6			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5
2.5°	203.5	205.0	205.0	205.0	209.5	212.5	211.0	212.5	214.0	217.0	220.0
5°	187.0	188.5	191.5	193.0	197.5	205.0	208.0	209.5	214.0	218.5	224.4
7.5°	167.6	169.1	172.1	176.6	185.5	194.5	203.5	206.5	215.5	223.0	231.9
10°	163.1	163.1	164.6	164.6	170.6	184.0	199.0	203.5	215.5	227.4	239.4
12.5°	161.6	161.6	161.6	161.6	166.1	175.1	194.5	200.5	217.0	233.4	248.4
15°	160.1	160.1	161.6	160.1	163.1	172.1	190.0	197.5	220.0	242.4	258.9
17.5°	163.1	163.1	163.1	161.6	164.6	170.6	188.5	197.5	223.0	249.9	269.3
20°	170.6	172.1	169.1	166.1	167.6	172.1	188.5	196.0	224.4	254.4	275.3
22.5°	196.0	194.5	188.5	178.1	175.1	178.1	190.0	197.5	225.9	257.4	278.3
25°	234.9	231.9	223.0	205.0	190.0	187.0	194.5	200.5	230.4	263.4	284.3
27.5°	288.8	287.3	267.8	239.4	217.0	202.0	203.5	209.5	236.4	270.8	291.8
30°	348.6	345.7	326.2	285.8	248.4	223.0	215.5	218.5	245.4	281.3	302.3
32.5°	399.5	399.5	378.6	332.2	285.8	248.4	228.9	228.9	251.4	287.3	309.7
35°	454.9	456.4	430.9	386.1	330.7	281.3	243.9	240.9	258.9	293.3	317.2
37.5°	525.2	520.7	489.3	436.9	383.1	318.7	264.9	258.9	267.8	303.8	329.2
40°	571.6	574.6	552.1	498.3	441.4	369.6	291.8	281.3	285.8	318.7	350.1
42.5°	588.1	597.0	604.5	577.6	507.3	419.0	326.2	311.2	311.2	347.1	386.1
45°	609.0	622.5	650.9	658.4	589.6	474.3	368.1	351.6	344.2	378.6	425.0
47.5°	624.0	638.9	685.3	722.7	665.9	540.2	419.0	401.0	384.6	416.0	474.3
50°	630.0	644.9	689.8	757.1	733.2	609.0	472.8	453.4	435.4	459.4	534.2
52.5°	616.5	635.9	686.8	764.6	778.1	670.4	538.7	519.2	490.8	517.7	604.5
55°	480.3	502.8	647.9	734.7	775.1	715.2	615.0	589.6	559.6	588.1	682.3
57.5°	430.9	442.9	523.7	694.3	746.7	742.2	694.3	671.9	640.4	664.4	766.1
60°	408.5	417.5	474.3	643.4	716.7	758.6	766.1	755.6	719.7	755.6	852.9
62.5°	387.5	393.5	445.9	579.1	710.8	779.6	830.5	823.0	802.0	846.9	957.7
65°	347.1	356.1	419.0	555.1	710.8	830.5	900.8	899.3	888.8	951.7	1075.9
67.5°	311.2	315.7	369.6	519.2	719.7	897.8	1001.0	1010.0	993.6	1054.9	1159.7
70°	272.3	275.3	318.7	466.9	697.3	984.6	1150.7	1149.2	1110.3	1149.2	1246.4
72.5°	199.0	205.0	239.4	368.1	601.5	995.1	1273.4	1286.8	1218.0	1203.1	1230.0
75°	134.7	142.2	166.1	249.9	380.1	788.6	1242.0	1274.9	1180.6	1102.8	984.6
77.5°	88.3	94.3	116.7	163.1	172.1	375.6	881.3	938.2	842.4	734.7	505.8
80°	46.4	55.4	80.8	98.8	91.3	112.2	329.2	371.1	320.2	263.4	152.6
82.5°	22.4	25.4	50.9	52.4	49.4	56.9	83.8	91.3	101.8	101.8	52.4
85°	18.0	20.9	37.4	28.4	22.4	28.4	55.4	58.4	56.9	47.9	20.9
87.5°	7.5	10.5	26.9	19.5	9.0	10.5	32.9	35.9	32.9	23.9	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°	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5	218.5
2.5°	221.5	223.0	227.4	231.9	233.4	237.9	240.9	245.4	245.4	245.4	246.9
5°	227.4	230.4	239.4	251.4	260.4	266.3	273.8	279.8	278.3	278.3	278.3
7.5°	237.9	242.4	260.4	278.3	290.3	293.3	293.3	290.3	282.8	279.8	281.3
10°	248.4	255.9	281.3	303.8	309.7	299.3	284.3	269.3	260.4	255.9	255.9
12.5°	258.9	270.8	305.3	323.2	311.2	279.8	258.9	243.9	234.9	231.9	233.4
15°	272.3	290.3	329.2	333.7	294.8	255.9	234.9	221.5	209.5	203.5	203.5
17.5°	282.8	308.2	345.7	326.2	267.8	231.9	206.5	182.6	173.6	172.1	172.1
20°	294.8	323.2	350.1	299.3	237.9	196.0	167.6	161.6	161.6	164.6	166.1
22.5°	302.3	335.2	342.7	267.8	203.5	157.1	148.1	157.1	161.6	164.6	166.1
25°	311.2	344.2	327.7	236.4	160.1	133.2	142.2	154.1	161.6	166.1	167.6
27.5°	324.7	354.6	305.3	199.0	127.2	122.7	133.2	148.1	158.6	166.1	167.6
30°	339.7	365.1	276.8	152.6	106.2	112.2	124.2	139.2	152.6	163.1	164.6
32.5°	353.1	369.6	249.9	116.7	97.3	101.8	112.2	125.7	137.7	148.1	148.1
35°	366.6	372.6	220.0	94.3	89.8	94.3	101.8	110.7	113.7	118.2	119.7
37.5°	384.6	371.1	179.6	85.3	86.8	89.8	95.8	92.8	92.8	92.8	91.3
40°	410.0	375.6	136.2	82.3	86.8	89.8	85.3	80.8	77.8	73.3	73.3
42.5°	436.9	378.6	107.7	80.8	89.8	91.3	79.3	73.3	67.3	65.8	67.3
45°	468.4	381.6	88.3	80.8	92.8	92.8	77.8	67.3	65.8	65.8	65.8
47.5°	495.3	380.1	80.8	80.8	95.8	91.3	77.8	67.3	65.8	67.3	68.8
50°	520.7	375.6	77.8	80.8	97.3	91.3	76.3	65.8	62.8	73.3	79.3
52.5°	553.6	368.1	76.3	79.3	98.8	92.8	79.3	64.3	61.3	73.3	79.3
55°	592.5	357.6	74.8	77.8	98.8	92.8	79.3	64.3	62.8	64.3	65.8
57.5°	634.4	342.7	70.3	74.8	98.8	86.8	80.8	67.3	61.3	64.3	64.3
60°	688.3	332.2	65.8	71.8	95.8	85.3	83.8	65.8	55.4	58.4	59.9
62.5°	754.2	344.2	64.3	70.3	89.8	83.8	83.8	67.3	55.4	59.9	59.9
65°	836.4	374.1	70.3	68.8	83.8	80.8	83.8	67.3	52.4	56.9	55.4
67.5°	896.3	389.0	73.3	68.8	76.3	74.8	83.8	65.8	52.4	56.9	55.4
70°	950.2	399.5	70.3	65.8	67.3	67.3	83.8	64.3	49.4	55.4	50.9
72.5°	897.8	333.7	62.8	59.9	59.9	59.9	80.8	59.9	46.4	47.9	43.4
75°	674.8	199.0	50.9	49.4	49.4	50.9	71.8	55.4	41.9	38.9	37.4
77.5°	339.7	89.8	38.9	40.4	37.4	41.9	59.9	52.4	37.4	32.9	31.4
80°	104.7	44.9	28.4	29.9	26.9	31.4	47.9	44.9	32.9	28.4	25.4
82.5°	44.9	25.4	19.5	20.9	19.5	20.9	34.4	37.4	26.9	31.4	18.0
85°	22.4	15.0	13.5	15.0	13.5	13.5	22.4	26.9	19.5	13.5	12.0
87.5°	9.0	9.0	9.0	10.5	9.0	7.5	9.0	13.5	12.0	9.0	7.5
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)