

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: P683599

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

Issue Date: 04/26/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P683599  
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-HSS  
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @500mA w/ T3R distribution lens and House Side Shield  
Light Source: (16) 1620 CCT, 0 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

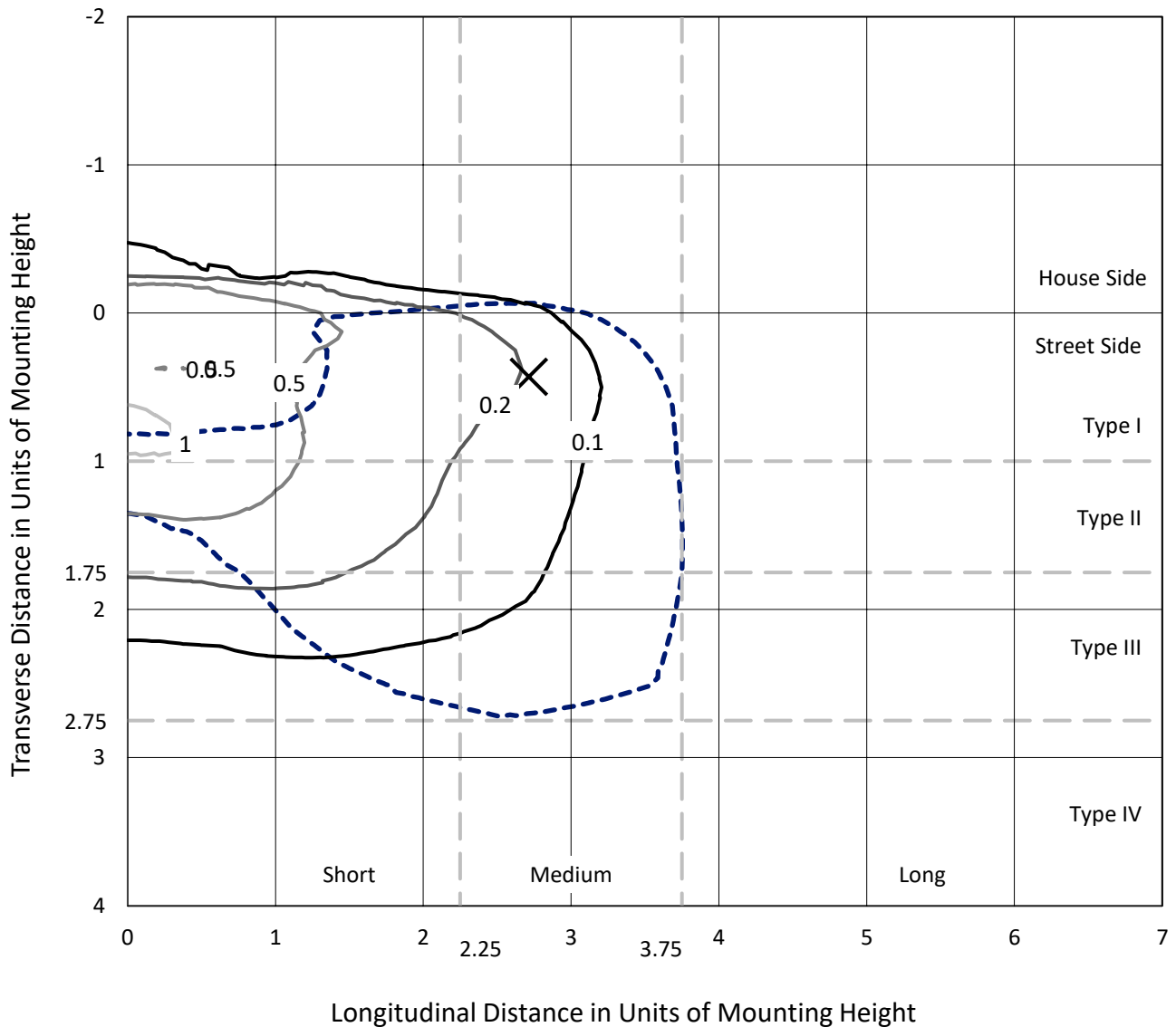
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1313.5 lumens  
Efficiency: N/A  
Efficacy: 32.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B0 - U0 - G0  
  
Input Watts (W): 40.2  
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

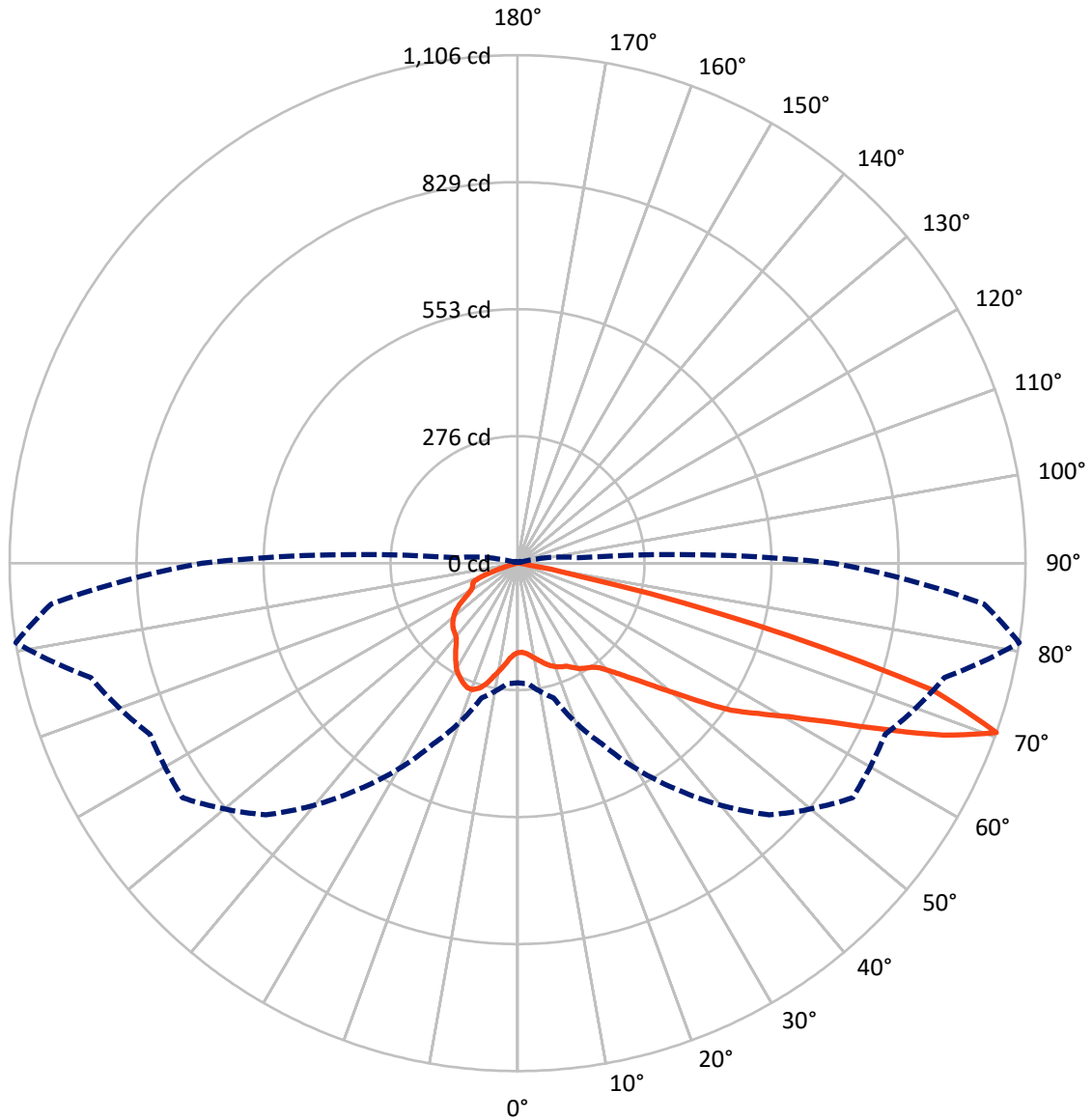
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 81-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical

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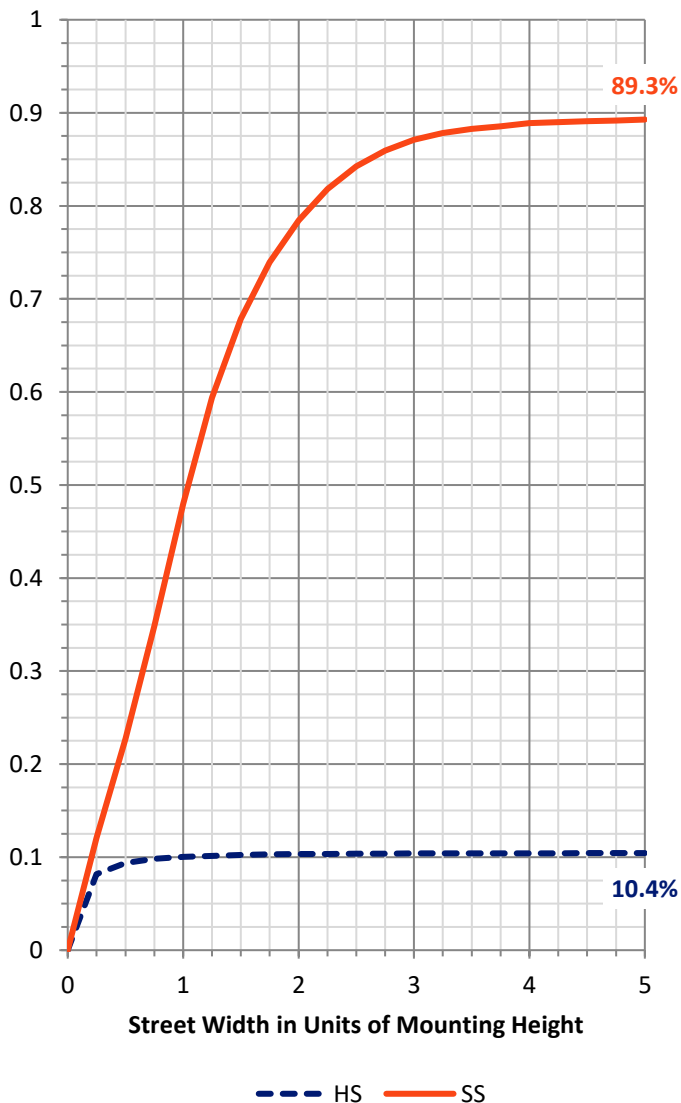
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	138.0	0.0	138.0
	% Fixture	10.5	0.0	10.5
<b>Street Side</b>	Lumens	1175.5	0.0	1175.5
	% Fixture	89.5	0.0	89.5
<b>Total</b>	Lumens	1313.5	0.0	1313.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18.8	1.4
10°-20°	44.9	3.4
20°-30°	67.8	5.2
30°-40°	118.9	9.1
40°-50°	207.3	15.8
50°-60°	291.6	22.2
60°-70°	337.5	25.7
70°-80°	217.9	16.6
80°-90°	8.8	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°	1313.5	100.0
0°-180°	1313.5	100.0



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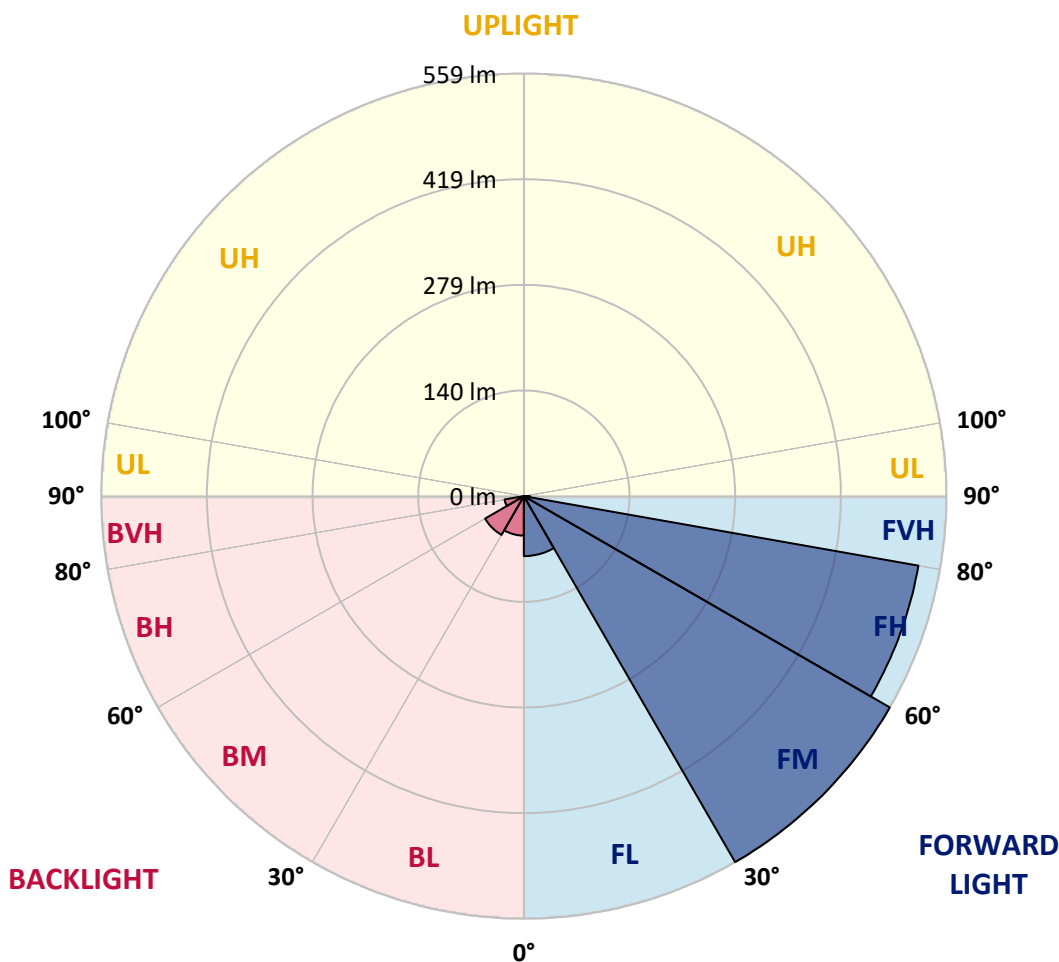
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	79.3	6.0			
FM (30°-60°)	558.6	42.5			
FH (60°-80°)	529.7	40.3			G0/660
FVH (80°-90°)	7.9	0.6			G0/10
BL (0°-30°)	52.1	4.0	B0/110		
BM (30°-60°)	59.2	4.5	B0/220		
BH (60°-80°)	25.8	2.0	B0/110		G0/110
BVH (80°-90°)	0.9	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G0**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5
2.5°	182.6	184.1	184.1	185.6	187.1	190.0	190.0	190.0	191.5	194.5	194.5
5°	169.1	170.6	173.6	173.6	178.1	184.1	187.1	191.5	194.5	197.5	199.0
7.5°	151.1	152.6	157.1	160.1	167.6	176.6	184.1	193.0	200.5	203.5	208.0
10°	143.7	143.7	143.7	146.6	152.6	167.6	179.6	194.5	205.0	211.0	215.5
12.5°	142.2	142.2	142.2	142.2	146.6	158.6	176.6	196.0	211.0	218.5	224.5
15°	140.7	140.7	140.7	140.7	143.7	154.1	172.1	199.0	220.0	227.5	236.4
17.5°	139.2	139.2	139.2	139.2	142.2	149.6	169.1	202.0	226.0	234.9	243.9
20°	139.2	139.2	137.7	137.7	140.7	149.6	167.6	203.5	230.4	240.9	251.4
22.5°	149.6	151.1	145.2	140.7	142.2	149.6	169.1	205.0	233.4	245.4	255.9
25°	193.0	191.5	176.6	155.6	148.1	152.6	170.6	209.5	237.9	248.4	260.4
27.5°	261.9	255.9	234.9	199.0	166.1	160.1	176.6	215.5	245.4	257.4	269.4
30°	330.7	327.7	305.3	254.4	200.5	173.6	182.6	224.5	255.9	266.4	279.8
32.5°	383.1	380.1	359.1	311.3	249.9	202.0	191.5	231.9	263.4	272.3	285.8
35°	439.9	435.5	414.5	366.6	302.3	239.4	205.0	236.4	269.4	278.3	294.8
37.5°	507.3	504.3	472.9	419.0	357.6	287.3	229.0	246.9	279.8	288.8	309.8
40°	561.2	562.7	537.2	483.3	422.0	342.7	264.9	263.4	297.8	308.3	330.7
42.5°	583.6	586.6	591.1	559.7	487.8	404.0	306.8	291.8	321.7	332.2	365.1
45°	601.6	612.0	637.5	637.5	564.2	462.4	362.1	324.7	351.7	362.1	405.5
47.5°	609.0	618.0	665.9	700.3	645.0	528.2	417.5	371.1	390.6	399.5	451.9
50°	612.0	622.5	665.9	731.8	712.3	592.6	471.4	420.5	432.5	444.4	505.8
52.5°	597.1	610.5	656.9	737.7	752.7	653.9	537.2	475.9	484.8	502.8	570.1
55°	459.4	481.8	619.5	710.8	751.2	697.3	603.1	540.2	547.7	565.6	616.5
57.5°	411.5	417.5	495.3	662.9	718.3	715.3	671.9	610.5	598.6	618.0	653.9
60°	389.1	393.6	447.4	618.0	685.4	722.8	733.2	667.4	645.0	677.9	698.8
62.5°	365.1	371.1	419.0	549.2	673.4	731.8	758.7	700.3	692.8	760.2	763.2
65°	329.2	333.7	393.6	522.3	662.9	740.7	770.7	736.2	764.7	869.4	850.0
67.5°	287.3	291.8	347.2	492.3	646.5	754.2	815.6	791.6	860.4	999.6	954.7
70°	260.4	263.4	303.8	434.0	600.1	775.1	890.4	882.9	962.2	1105.9	1019.1
72.5°	139.2	152.6	231.9	350.2	513.3	767.7	983.1	948.7	905.3	945.7	811.1
75°	52.4	56.9	106.2	214.0	314.2	586.6	881.4	760.2	598.6	528.2	422.0
77.5°	35.9	37.4	47.9	107.7	92.8	202.0	463.9	359.1	211.0	140.7	97.3
80°	20.9	22.4	32.9	44.9	28.4	38.9	133.2	83.8	38.9	28.4	22.4
82.5°	9.0	10.5	23.9	20.9	12.0	13.5	34.4	25.4	18.0	13.5	10.5
85°	6.0	6.0	19.5	13.5	6.0	6.0	13.5	12.0	9.0	6.0	6.0
87.5°	3.0	3.0	13.5	9.0	3.0	3.0	4.5	4.5	3.0	1.5	1.5
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°	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5
2.5°	196.0	197.5	200.5	203.5	205.0	206.5	209.5	212.5	212.5	212.5	214.0
5°	202.0	205.0	211.0	220.0	226.0	226.0	230.4	229.0	226.0	224.5	224.5
7.5°	212.5	217.0	229.0	239.4	242.4	233.4	223.0	208.0	197.5	190.0	187.1
10°	221.5	229.0	248.4	255.9	242.4	214.0	181.1	152.6	134.7	128.7	125.7
12.5°	233.4	243.9	266.4	263.4	221.5	167.6	122.7	92.8	77.8	68.8	65.8
15°	248.4	261.9	285.8	257.4	176.6	115.2	68.8	46.4	41.9	38.9	38.9
17.5°	260.4	279.8	291.8	227.5	128.7	64.3	40.4	35.9	34.4	35.9	35.9
20°	269.4	294.8	288.8	182.6	80.8	40.4	34.4	34.4	32.9	34.4	34.4
22.5°	278.3	303.8	275.3	139.2	46.4	34.4	32.9	32.9	32.9	32.9	32.9
25°	288.8	311.3	248.4	94.3	34.4	31.4	31.4	31.4	31.4	31.4	31.4
27.5°	302.3	320.2	214.0	56.9	31.4	29.9	29.9	29.9	28.4	28.4	28.4
30°	315.7	327.7	179.6	35.9	28.4	26.9	26.9	26.9	25.4	23.9	23.9
32.5°	324.7	327.7	142.2	29.9	25.4	23.9	23.9	22.4	19.5	19.5	19.5
35°	336.7	326.2	106.2	26.9	23.9	20.9	19.5	16.5	15.0	13.5	15.0
37.5°	354.7	323.2	70.3	23.9	22.4	19.5	16.5	13.5	12.0	12.0	12.0
40°	378.6	321.7	41.9	22.4	19.5	18.0	13.5	10.5	9.0	9.0	9.0
42.5°	405.5	318.7	32.9	22.4	19.5	15.0	10.5	9.0	9.0	9.0	7.5
45°	431.0	314.2	28.4	20.9	18.0	12.0	9.0	7.5	7.5	7.5	7.5
47.5°	456.4	303.8	26.9	19.5	16.5	10.5	7.5	7.5	7.5	7.5	7.5
50°	478.9	288.8	25.4	19.5	13.5	9.0	7.5	7.5	7.5	7.5	7.5
52.5°	501.3	270.9	23.9	18.0	12.0	9.0	7.5	7.5	7.5	7.5	7.5
55°	517.8	243.9	22.4	15.0	10.5	7.5	7.5	7.5	7.5	6.0	6.0
57.5°	522.3	208.0	20.9	13.5	9.0	7.5	7.5	7.5	6.0	6.0	6.0
60°	543.2	185.6	16.5	12.0	9.0	7.5	7.5	6.0	6.0	6.0	6.0
62.5°	577.6	176.6	12.0	10.5	7.5	7.5	6.0	6.0	4.5	4.5	4.5
65°	630.0	173.6	10.5	9.0	7.5	6.0	6.0	4.5	3.0	3.0	3.0
67.5°	689.9	167.6	9.0	7.5	6.0	6.0	4.5	3.0	1.5	1.5	1.5
70°	686.9	133.2	7.5	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5
72.5°	504.3	59.9	7.5	6.0	6.0	4.5	3.0	1.5	1.5	1.5	1.5
75°	240.9	19.5	6.0	6.0	4.5	3.0	1.5	1.5	1.5	1.5	0.0
77.5°	56.9	9.0	4.5	4.5	3.0	3.0	1.5	1.5	0.0	0.0	0.0
80°	13.5	6.0	4.5	4.5	3.0	1.5	1.5	1.5	1.5	0.0	0.0
82.5°	7.5	4.5	4.5	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0
85°	4.5	4.5	4.5	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0
87.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	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)