

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: P672309

Luminaire Tested: **CCP-SA-1A-835-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672309
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-835-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ T3R distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

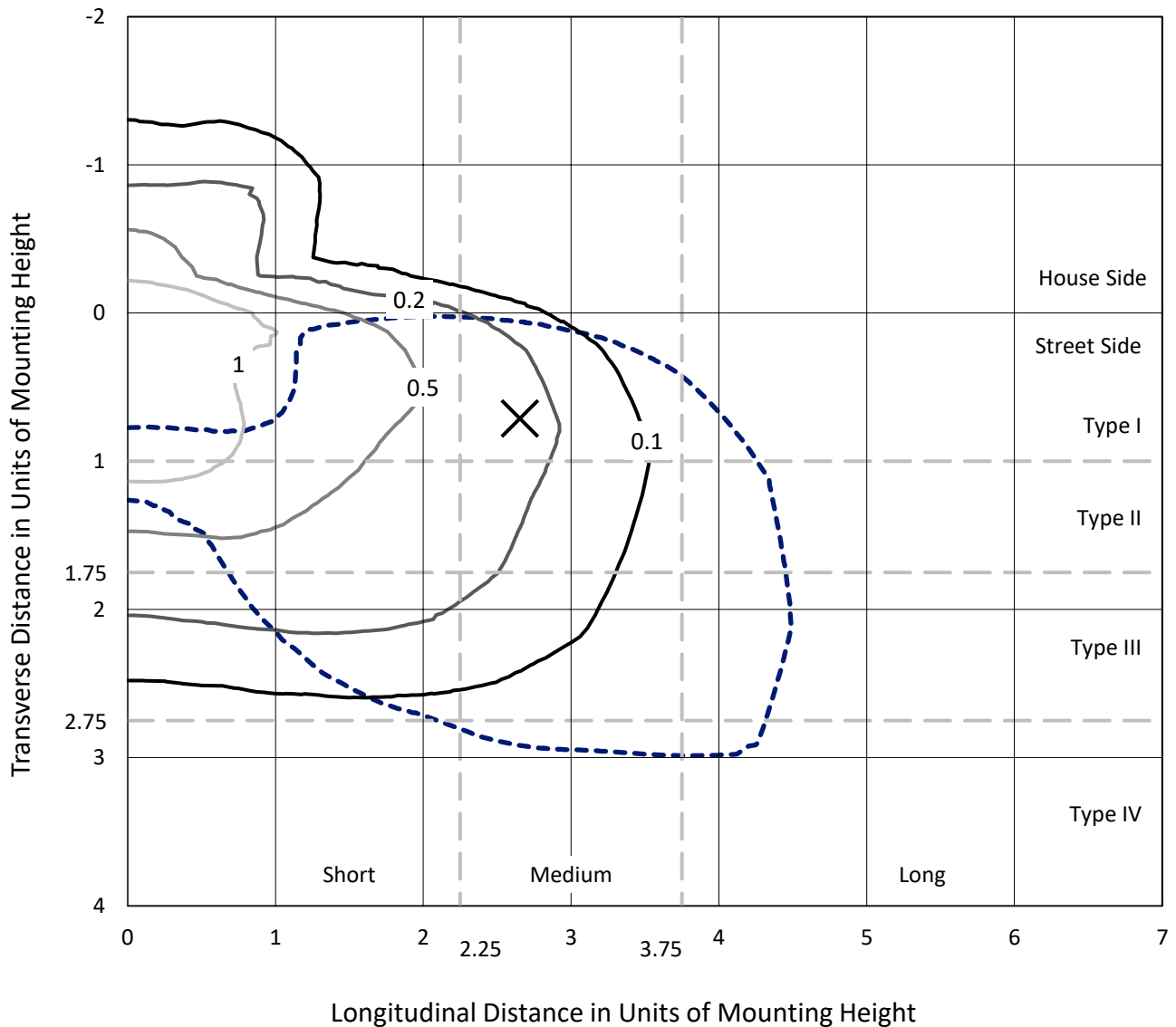
Lumens per Lamp: N/A
Luminaire Lumens: 2291.2 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 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

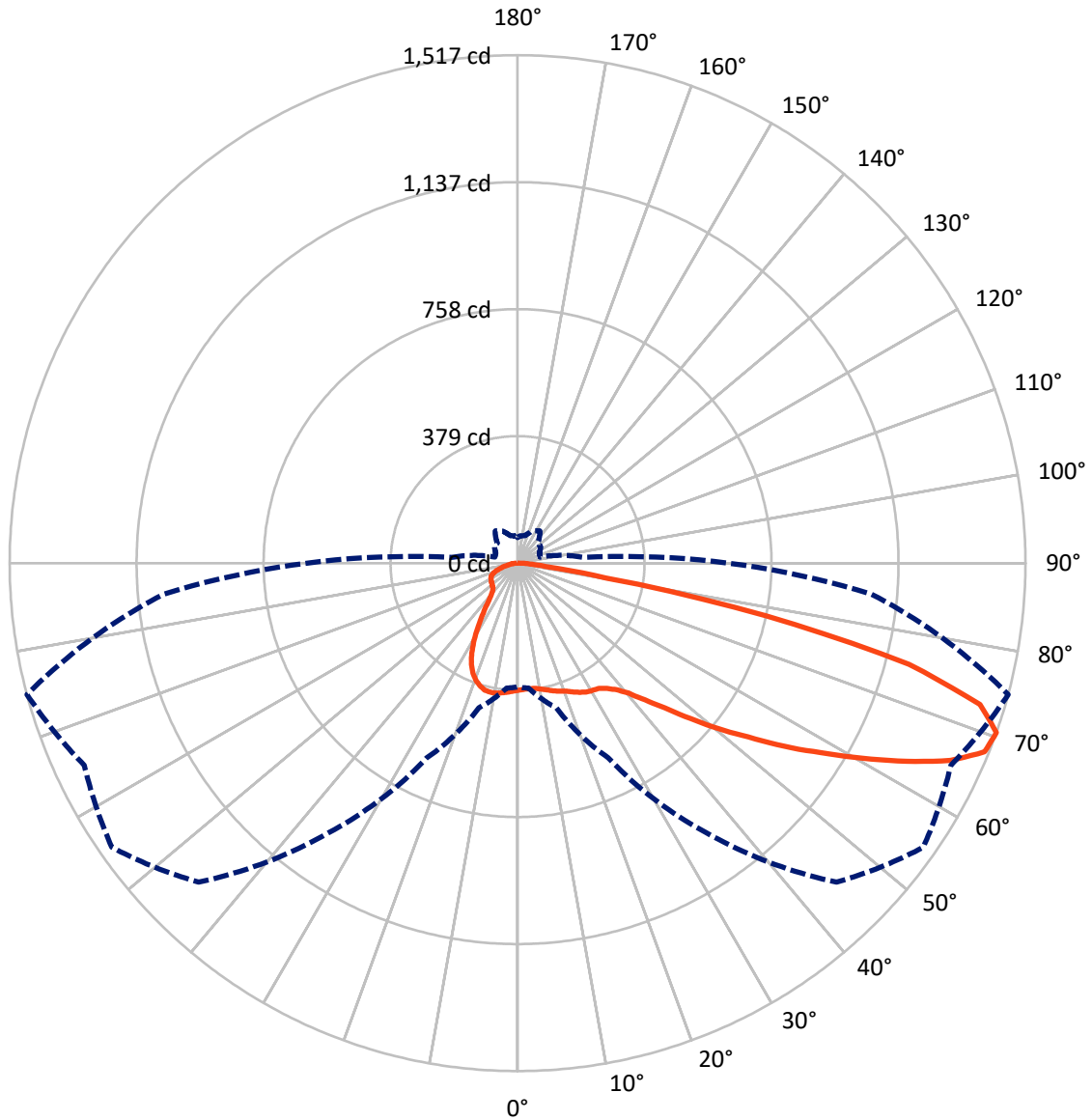
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 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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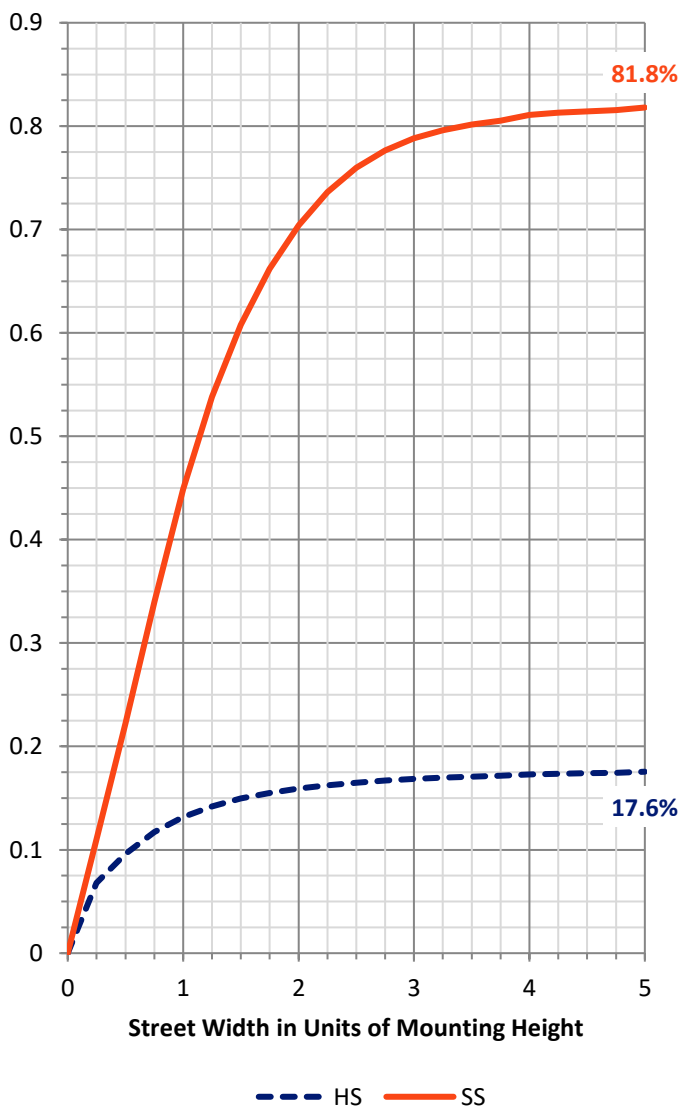
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	407.6	0.0	407.6
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	1883.6	0.0	1883.6
	% Fixture	82.2	0.0	82.2
Total	Lumens	2291.2	0.0	2291.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	1.5
10°-20°	91.0	4.0
20°-30°	153.3	6.7
30°-40°	232.8	10.2
40°-50°	333.6	14.6
50°-60°	442.2	19.3
60°-70°	553.4	24.2
70°-80°	404.2	17.6
80°-90°	46.6	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°	2291.2	100.0
0°-180°	2291.2	100.0



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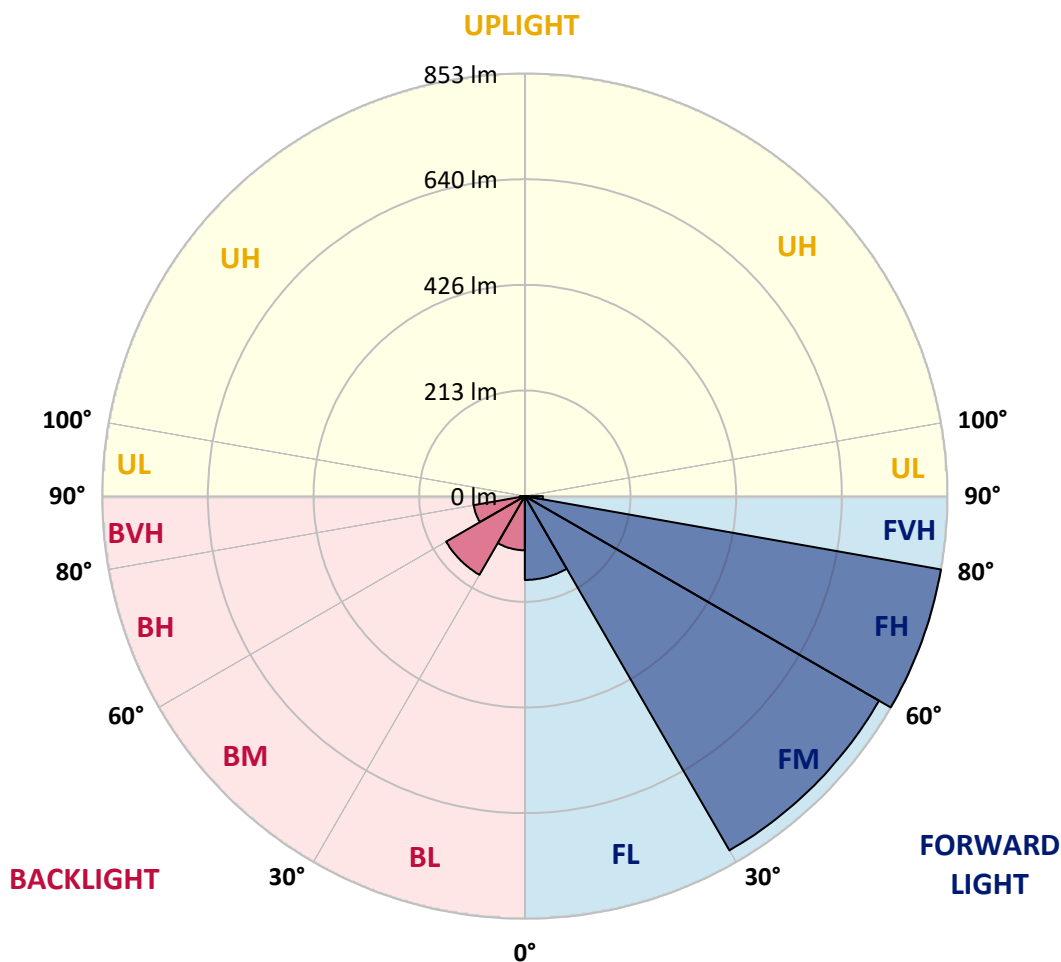
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	169.1	7.4			
FM (30°-60°)	825.4	36.0			
FH (60°-80°)	852.7	37.2			G1/1800
FVH (80°-90°)	36.4	1.6			G1/100
BL (0°-30°)	109.3	4.8	B0/110		
BM (30°-60°)	183.3	8.0	B0/220		
BH (60°-80°)	104.9	4.6	B0/110		G0/110
BVH (80°-90°)	10.2	0.4			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5
2.5°	358.8	360.7	362.5	364.4	365.8	369.8	370.6	374.9	376.1	377.1	378.4
5°	338.6	340.1	341.9	344.9	348.0	355.1	360.1	369.5	374.7	376.4	381.0
7.5°	327.8	328.3	330.7	333.2	336.8	343.8	350.5	365.2	375.7	377.6	387.4
10°	319.8	320.5	322.8	326.3	329.9	336.3	344.7	362.2	379.4	382.2	396.2
12.5°	317.0	316.7	319.4	321.7	326.8	334.9	343.6	362.4	384.3	388.3	408.9
15°	328.3	326.1	327.8	326.9	328.6	336.5	346.9	366.0	390.4	395.4	422.1
17.5°	353.0	351.2	350.0	342.9	338.3	342.8	352.7	371.1	396.8	402.1	433.9
20°	389.9	384.8	380.5	368.6	355.8	354.3	361.2	376.2	402.9	408.1	446.5
22.5°	432.0	427.8	420.9	400.1	380.2	370.3	372.1	385.6	411.8	417.5	460.8
25°	485.0	484.9	470.7	442.7	412.5	392.6	388.8	400.6	421.9	427.3	472.7
27.5°	545.6	541.4	524.6	488.5	450.6	420.1	411.2	416.0	430.0	435.6	482.2
30°	597.3	597.8	580.7	541.3	491.1	447.0	430.1	427.0	435.3	440.9	491.1
32.5°	652.7	649.9	634.3	593.7	535.0	475.8	442.3	434.9	440.7	446.0	503.5
35°	704.8	701.7	688.2	644.5	583.3	507.6	458.8	447.3	453.6	459.3	518.7
37.5°	754.4	754.9	739.6	697.9	630.1	545.2	483.2	465.9	472.7	479.1	541.8
40°	797.8	795.3	783.5	745.9	678.8	583.5	510.8	491.3	504.5	510.4	570.9
42.5°	811.7	811.5	816.1	793.0	729.9	629.0	545.1	530.9	549.5	558.4	606.7
45°	799.6	803.2	830.0	829.3	781.0	681.2	591.9	579.0	605.9	616.0	650.4
47.5°	787.7	793.2	829.5	850.1	826.8	738.8	649.4	639.9	678.4	692.9	695.8
50°	770.4	775.5	818.7	853.0	854.9	797.0	723.9	711.9	761.5	776.4	745.0
52.5°	751.1	755.1	799.8	850.9	868.2	842.5	797.0	793.5	850.6	862.6	795.2
55°	644.6	661.5	771.9	846.3	877.4	877.3	868.0	879.4	947.7	965.6	851.1
57.5°	583.5	592.4	693.4	843.6	894.7	909.4	941.4	965.8	1051.4	1067.5	912.7
60°	563.5	571.4	654.0	840.5	929.2	959.7	1013.1	1052.7	1162.8	1182.6	981.6
62.5°	545.4	555.0	638.0	815.6	970.9	1039.3	1098.7	1146.7	1280.4	1303.8	1050.2
65°	508.5	515.2	608.7	794.7	1010.5	1152.9	1222.2	1250.2	1394.3	1420.7	1095.7
67.5°	444.7	451.1	542.6	746.5	1036.2	1271.1	1357.2	1357.4	1482.3	1503.9	1105.3
70°	369.6	374.6	447.3	641.7	982.6	1347.0	1479.0	1427.4	1507.2	1516.6	1059.8
72.5°	264.3	268.6	327.6	474.3	805.7	1285.5	1506.7	1424.5	1446.9	1443.9	930.4
75°	162.9	171.1	200.6	289.5	500.7	1011.5	1356.1	1290.8	1214.9	1206.7	700.5
77.5°	106.2	110.5	135.7	170.8	220.9	580.7	1029.9	967.8	767.1	757.6	376.6
80°	63.8	70.9	88.9	107.3	100.1	222.1	588.1	480.8	271.0	268.1	115.7
82.5°	34.3	40.7	62.7	66.4	56.2	78.5	213.0	156.3	86.7	85.7	43.4
85°	27.2	30.3	45.0	42.0	31.8	39.7	83.1	65.1	44.5	43.5	16.3
87.5°	16.5	20.8	34.1	28.4	15.8	14.3	38.1	30.8	20.9	19.5	6.4
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°	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5	379.5
2.5°	380.8	381.7	382.5	380.8	381.5	380.7	380.7	380.7	378.5	377.9	379.9
5°	384.5	385.6	386.3	381.2	378.0	373.4	369.6	363.9	360.6	358.4	358.4
7.5°	391.9	393.2	390.2	378.9	367.8	355.5	342.8	332.2	324.6	321.3	322.3
10°	402.8	403.3	393.4	372.4	348.9	325.9	308.0	294.0	284.6	279.8	279.1
12.5°	415.5	413.3	394.0	358.3	323.3	292.5	270.6	252.4	240.4	235.8	233.5
15°	428.0	422.9	391.6	341.3	294.3	257.2	229.2	212.0	204.6	202.5	201.6
17.5°	439.2	429.7	383.3	316.9	260.7	216.0	195.4	189.3	190.1	192.1	192.9
20°	449.4	434.8	371.5	287.9	218.6	183.8	178.7	184.3	188.9	191.9	192.4
22.5°	460.6	439.7	355.0	252.6	184.2	169.0	175.1	181.5	186.1	189.1	189.6
25°	469.2	439.5	331.7	210.7	162.4	165.0	172.3	178.1	181.5	183.7	183.5
27.5°	474.7	435.6	301.2	176.2	153.8	162.2	169.2	172.9	174.9	176.6	176.4
30°	476.3	428.0	262.8	150.9	149.9	159.6	164.9	167.2	168.7	170.3	170.3
32.5°	479.6	416.3	220.4	136.7	146.9	157.0	160.1	161.9	160.7	156.6	155.8
35°	483.2	403.3	180.4	130.1	144.1	155.1	158.1	153.3	140.8	139.2	138.5
37.5°	490.3	391.2	146.4	125.5	143.4	156.1	158.6	139.5	128.9	123.8	123.0
40°	502.4	379.2	123.7	122.2	144.3	160.4	152.0	132.9	115.4	105.7	104.0
42.5°	518.2	364.5	110.8	120.5	146.6	167.3	149.7	123.5	104.4	97.8	96.8
45°	536.5	345.1	104.7	120.2	149.4	170.8	150.4	115.9	99.4	94.3	94.0
47.5°	555.4	325.9	102.1	119.9	152.8	169.3	141.3	113.6	97.4	96.0	96.9
50°	575.9	304.2	99.9	119.0	155.6	169.3	136.3	113.1	98.1	101.4	104.7
52.5°	595.0	285.9	97.4	116.6	156.8	166.4	134.9	114.9	99.1	98.3	99.3
55°	618.3	276.5	96.1	113.1	154.6	157.3	133.0	119.9	99.9	93.2	93.2
57.5°	644.8	274.5	94.1	108.5	147.7	144.8	132.9	122.8	97.8	91.5	90.3
60°	676.8	278.8	91.7	102.7	139.3	135.0	131.7	122.8	94.3	88.7	89.2
62.5°	702.7	278.3	90.2	97.6	128.1	125.0	129.6	121.2	93.0	88.4	88.2
65°	708.8	267.7	85.9	91.0	114.3	112.8	127.3	117.1	91.2	86.6	85.2
67.5°	688.2	243.8	79.5	82.3	99.6	99.7	123.2	111.6	88.7	85.6	83.4
70°	629.6	197.2	69.9	71.7	83.8	85.9	117.1	105.2	84.6	81.3	76.2
72.5°	526.9	141.8	58.9	59.4	66.6	72.2	106.5	96.4	78.5	70.7	65.3
75°	390.1	94.1	48.0	47.3	50.0	58.7	91.0	86.7	70.6	58.7	55.9
77.5°	206.3	55.7	36.9	37.1	35.4	45.0	72.2	75.3	62.7	49.5	46.7
80°	70.6	33.5	26.5	27.7	25.1	32.1	53.6	62.7	53.6	41.2	36.4
82.5°	32.3	20.4	19.0	19.8	18.0	21.8	36.8	47.5	42.7	30.0	24.2
85°	16.3	12.2	12.2	13.4	11.9	11.2	20.3	31.5	31.3	20.6	17.8
87.5°	6.8	5.9	5.6	6.4	5.6	4.3	5.8	11.4	16.5	12.4	7.9
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)