

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: P671257

Luminaire Tested: **CCP-SA-1A-750-U-SL2**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P671257
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-750-U-SL2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ SL2
distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

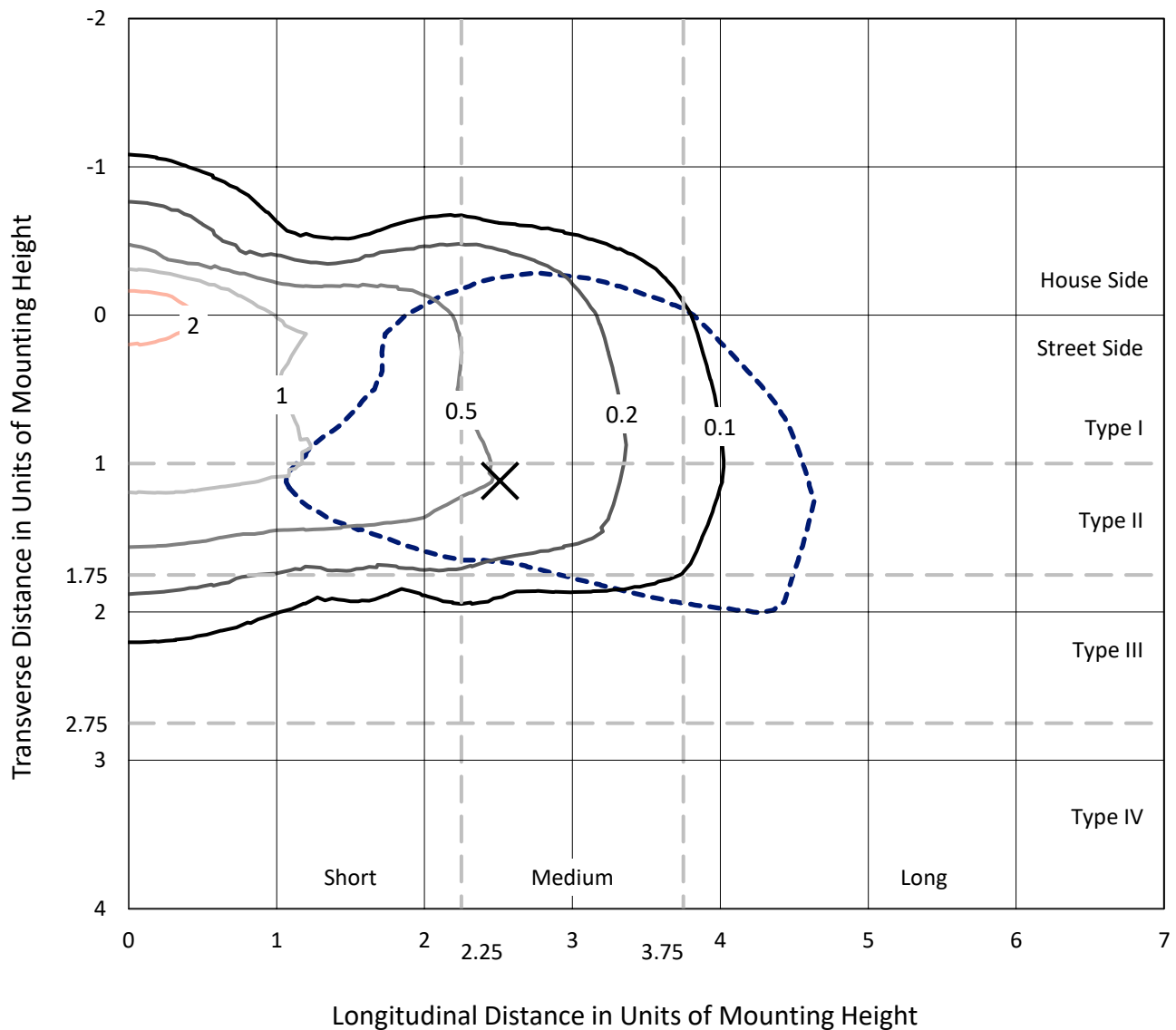
Lumens per Lamp: N/A
Luminaire Lumens: 2769.6 lumens
Efficiency: N/A
Efficacy: 153.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

REPORT NUMBER: P671257
 CATALOG NUMBER: CCP-SA-1A-750-U-SL2

Iso-Footcandle Lines of Horizontal Illumination

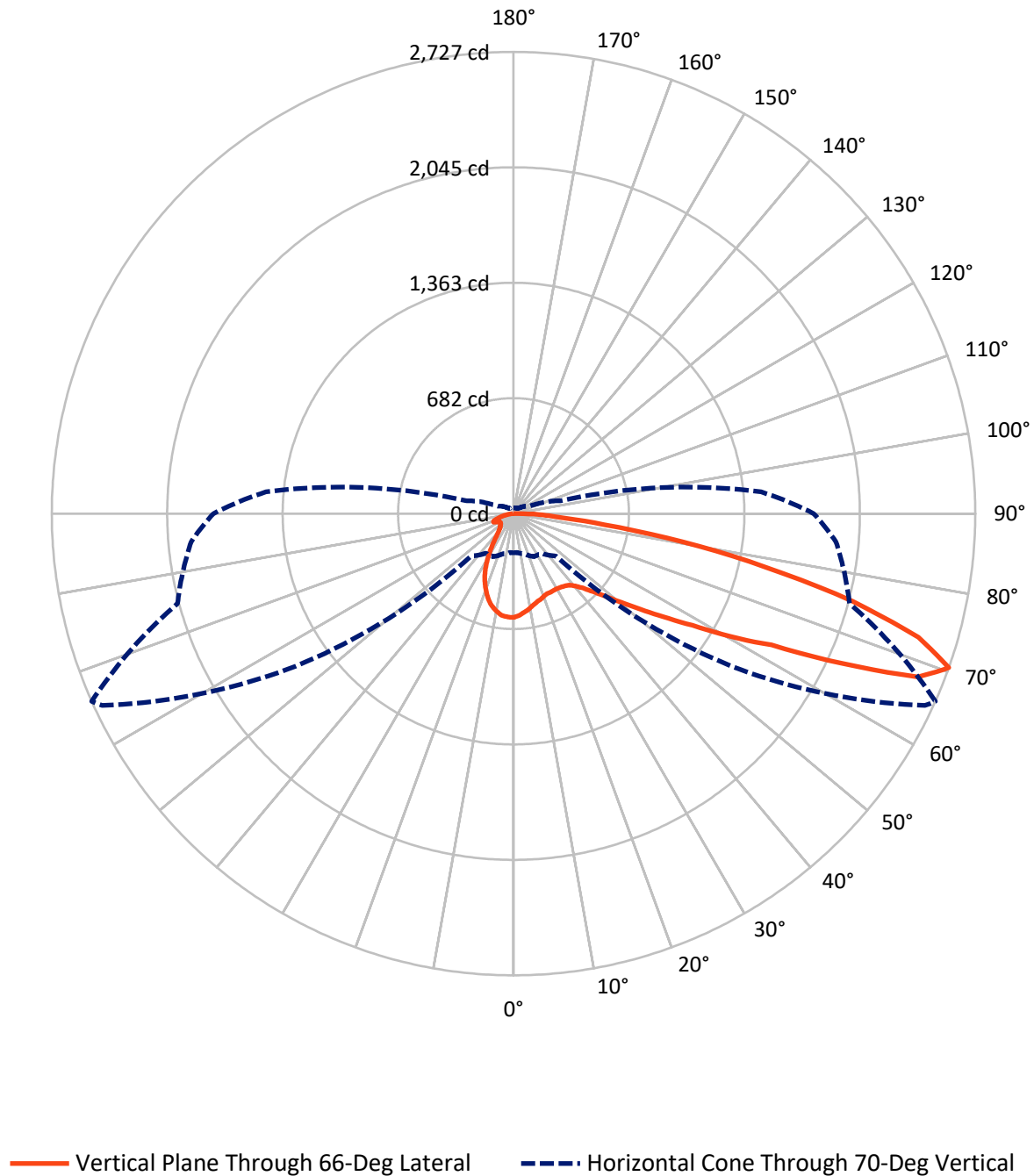
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Medium - N/A

REPORT NUMBER: P671257
CATALOG NUMBER: CCP-SA-1A-750-U-SL2

Luminous Intensity Polar Plot



REPORT NUMBER: P671257

CATALOG NUMBER: CCP-SA-1A-750-U-SL2

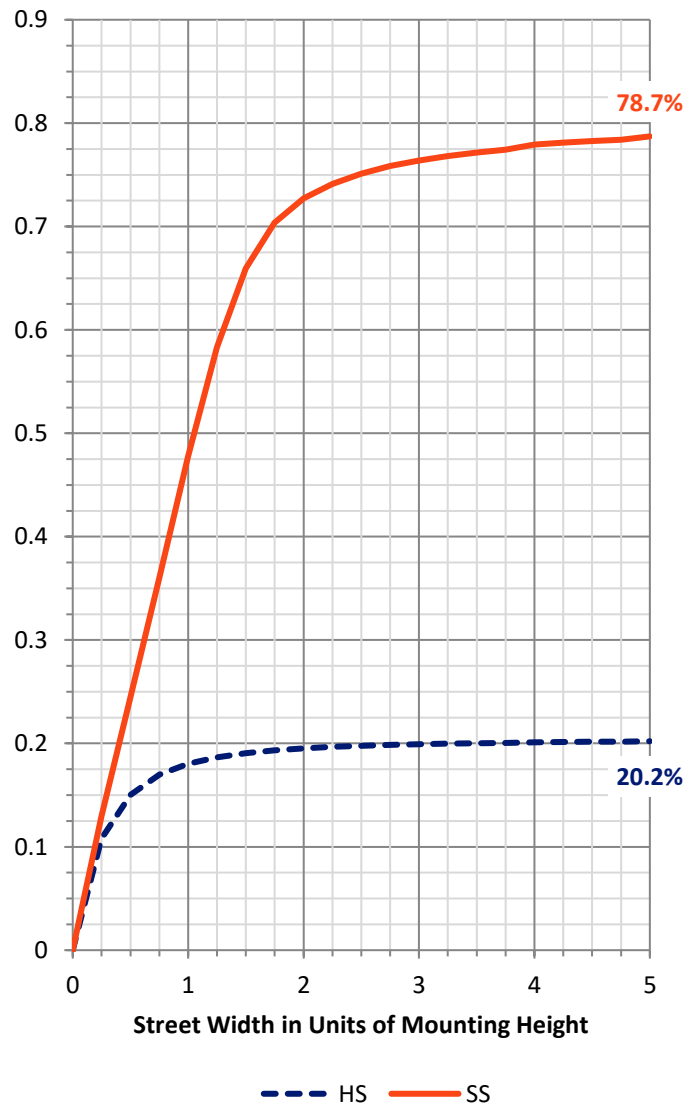
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	566.9	0.0	566.9
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	2202.7	0.0	2202.7
	% Fixture	79.5	0.0	79.5
Total	Lumens	2769.6	0.0	2769.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	2.0
10°-20°	133.2	4.8
20°-30°	182.9	6.6
30°-40°	245.3	8.9
40°-50°	355.8	12.8
50°-60°	540.9	19.5
60°-70°	668.0	24.1
70°-80°	496.8	17.9
80°-90°	92.7	3.3
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°	2769.6	100.0
0°-180°	2769.6	100.0

Coefficient of Utilization



REPORT NUMBER: P671257

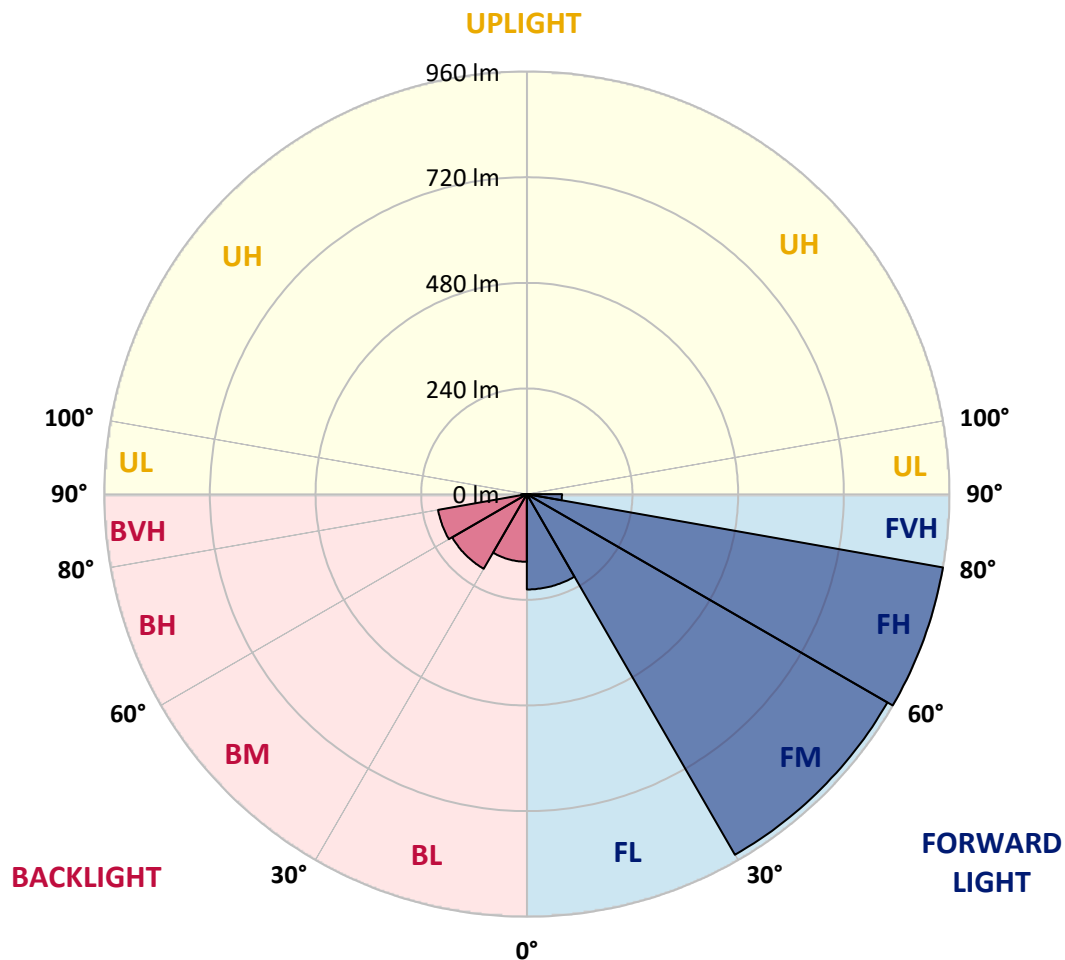
CATALOG NUMBER: CCP-SA-1A-750-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	216.6	7.8			
FM	(30°-60°)	946.1	34.2			
FH	(60°-80°)	960.1	34.7			G1/1800
FVH	(80°-90°)	79.9	2.9			G1/100
BL	(0°-30°)	153.6	5.5	B1/500		
BM	(30°-60°)	195.8	7.1	B0/220		
BH	(60°-80°)	204.6	7.4	B1/500		G1/500
BVH	(80°-90°)	12.8	0.5			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 III Medium





REPORT NUMBER: P671257

CATALOG NUMBER: CCP-SA-1A-750-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9
2.5°	582.0	585.1	586.1	588.2	593.4	597.5	603.7	606.7	603.7	607.8	607.8
5°	541.8	537.7	548.0	552.1	558.3	566.6	581.0	592.3	589.2	601.6	611.9
7.5°	507.9	507.9	510.9	520.2	527.4	539.8	555.2	572.7	577.9	594.4	609.8
10°	476.9	481.1	481.1	495.5	499.6	514.0	539.8	561.4	562.4	590.3	611.9
12.5°	460.5	458.4	468.7	472.8	485.2	499.6	520.2	547.0	548.0	577.9	607.8
15°	447.1	449.1	454.3	464.6	475.9	487.2	506.8	531.5	536.7	571.7	605.7
17.5°	448.1	449.1	449.1	456.3	465.6	479.0	497.5	526.4	529.5	563.5	602.6
20°	454.3	450.2	453.3	456.3	462.5	474.9	490.3	515.1	518.2	562.4	609.8
22.5°	467.7	464.6	463.6	462.5	461.5	468.7	488.3	508.9	512.0	557.3	612.9
25°	489.3	488.3	481.1	473.9	468.7	468.7	484.2	514.0	513.0	557.3	615.0
27.5°	515.1	515.1	514.0	500.6	485.2	476.9	487.2	512.0	510.9	557.3	620.1
30°	550.1	550.1	547.0	534.6	506.8	483.1	489.3	509.9	513.0	553.2	616.0
32.5°	588.2	587.2	590.3	578.9	550.1	512.0	501.7	514.0	517.1	557.3	617.0
35°	616.0	622.2	632.5	622.2	593.4	541.8	519.2	522.3	524.3	558.3	621.2
37.5°	647.9	655.2	669.6	677.8	646.9	587.2	547.0	535.7	535.7	571.7	622.2
40°	694.3	687.1	711.8	726.2	713.9	642.8	590.3	560.4	561.4	589.2	635.6
42.5°	728.3	735.5	761.3	787.0	771.6	710.8	637.6	600.6	600.6	615.0	656.2
45°	766.4	774.7	810.7	841.6	852.9	792.2	702.5	658.2	656.2	665.5	693.3
47.5°	808.6	820.0	861.2	897.2	927.1	876.6	786.0	728.3	727.3	734.5	755.1
50°	857.1	861.2	895.2	961.1	1020.9	988.9	888.0	827.2	822.0	825.1	852.9
52.5°	871.5	868.4	907.5	978.6	1087.8	1125.9	1027.0	939.5	937.4	930.2	966.3
55°	818.9	829.2	867.4	958.0	1142.4	1287.7	1179.5	1093.0	1074.4	1054.8	1098.1
57.5°	713.9	714.9	758.2	865.3	1100.2	1421.6	1438.1	1243.4	1244.4	1191.9	1241.3
60°	555.2	552.1	586.1	683.0	979.6	1462.8	1720.3	1483.4	1473.1	1328.9	1374.2
62.5°	400.7	394.5	401.7	458.4	732.4	1399.9	1997.4	1752.2	1709.0	1469.0	1504.0
65°	329.6	332.7	335.8	338.9	411.0	1154.8	2082.9	2191.1	2133.4	1632.7	1647.2
67.5°	273.0	275.0	288.4	307.0	304.9	681.9	1984.0	2596.9	2575.3	1835.7	1770.8
70°	231.8	230.7	246.2	280.2	285.3	354.4	1570.9	2680.4	2726.7	2054.1	1910.9
72.5°	185.4	187.5	200.9	246.2	280.2	298.7	904.4	2501.1	2500.1	2222.0	1835.7
75°	132.9	132.9	151.4	204.0	270.9	295.6	500.6	2030.4	2068.5	2088.1	1592.6
77.5°	87.6	91.7	106.1	152.5	254.4	289.5	317.3	1476.2	1523.6	1561.7	1218.6
80°	59.7	61.8	71.1	106.1	215.3	291.5	259.6	993.0	1011.6	862.2	494.5
82.5°	36.1	37.1	47.4	74.2	154.5	277.1	244.1	548.0	536.7	260.6	142.2
85°	19.6	20.6	29.9	49.4	102.0	242.1	240.0	268.9	250.3	95.8	59.7
87.5°	7.2	7.2	13.4	24.7	58.7	165.8	209.1	159.7	149.4	48.4	27.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P671257

CATALOG NUMBER: CCP-SA-1A-750-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9	611.9
2.5°	612.9	612.9	612.9	612.9	611.9	607.8	610.9	609.8	603.7	604.7	600.6
5°	610.9	616.0	612.9	608.8	603.7	591.3	587.2	584.1	575.8	572.7	575.8
7.5°	616.0	611.9	609.8	602.6	582.0	570.7	556.3	538.8	526.4	523.3	526.4
10°	615.0	615.0	605.7	585.1	565.5	532.6	514.0	483.1	465.6	460.5	461.5
12.5°	610.9	614.0	599.5	566.6	529.5	489.3	455.3	422.4	391.4	379.1	377.0
15°	615.0	611.9	586.1	543.9	492.4	436.8	387.3	338.9	310.1	291.5	287.4
17.5°	608.8	605.7	568.6	513.0	444.0	372.9	311.1	258.6	229.7	222.5	222.5
20°	616.0	596.4	548.0	475.9	393.5	302.9	232.8	193.7	186.5	186.5	188.5
22.5°	615.0	594.4	530.5	439.9	332.7	228.7	173.1	161.7	162.8	171.0	170.0
25°	608.8	590.3	505.8	399.7	268.9	172.0	143.2	140.1	147.3	156.6	155.5
27.5°	607.8	578.9	483.1	352.3	205.0	136.0	124.6	124.6	131.9	140.1	139.1
30°	601.6	569.7	455.3	298.7	154.5	118.5	114.3	114.3	117.4	121.6	121.6
32.5°	600.6	557.3	424.4	243.1	123.6	107.1	105.1	106.1	106.1	108.2	107.1
35°	592.3	540.8	392.5	188.5	107.1	101.0	98.9	97.9	97.9	96.8	96.8
37.5°	589.2	530.5	359.5	146.3	99.9	95.8	93.7	90.7	89.6	89.6	88.6
40°	592.3	520.2	327.6	118.5	93.7	91.7	88.6	84.5	83.4	83.4	83.4
42.5°	603.7	519.2	294.6	103.0	90.7	87.6	83.4	79.3	78.3	79.3	78.3
45°	629.4	527.4	262.7	95.8	86.5	83.4	78.3	75.2	74.2	75.2	75.2
47.5°	671.6	550.1	233.8	91.7	83.4	79.3	74.2	71.1	71.1	71.1	71.1
50°	741.7	593.4	206.0	88.6	81.4	76.2	71.1	67.0	65.9	65.9	67.0
52.5°	846.8	667.5	183.4	86.5	78.3	72.1	67.0	63.9	61.8	60.8	61.8
55°	973.5	775.7	176.2	84.5	74.2	69.0	63.9	59.7	57.7	57.7	56.7
57.5°	1109.4	895.2	188.5	82.4	71.1	64.9	59.7	55.6	53.6	52.5	52.5
60°	1256.7	1036.3	233.8	81.4	68.0	60.8	55.6	52.5	49.4	48.4	48.4
62.5°	1390.7	1164.0	315.2	80.3	65.9	56.7	51.5	47.4	45.3	44.3	44.3
65°	1543.1	1306.2	394.5	84.5	64.9	53.6	47.4	43.3	41.2	40.2	40.2
67.5°	1676.0	1429.8	440.9	94.8	68.0	49.4	42.2	39.1	38.1	37.1	37.1
70°	1772.8	1467.9	295.6	104.0	73.1	46.4	38.1	36.1	34.0	34.0	34.0
72.5°	1643.0	1310.3	175.1	97.9	69.0	43.3	34.0	31.9	30.9	30.9	29.9
75°	1405.1	1115.6	134.9	79.3	55.6	37.1	29.9	27.8	26.8	26.8	25.8
77.5°	1037.3	799.4	99.9	62.8	43.3	29.9	25.8	24.7	23.7	22.7	22.7
80°	405.9	350.2	68.0	46.4	31.9	23.7	21.6	20.6	19.6	18.5	18.5
82.5°	125.7	106.1	39.1	30.9	22.7	18.5	17.5	16.5	15.5	14.4	14.4
85°	54.6	52.5	25.8	19.6	15.5	12.4	12.4	11.3	10.3	9.3	9.3
87.5°	26.8	25.8	14.4	9.3	8.2	6.2	6.2	5.2	4.1	4.1	4.1
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)