

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: P674792

Luminaire Tested: **CCW-SA-1C-722-U-T2**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P674792
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1C-722-U-T2
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
T2 distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3322 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 32
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

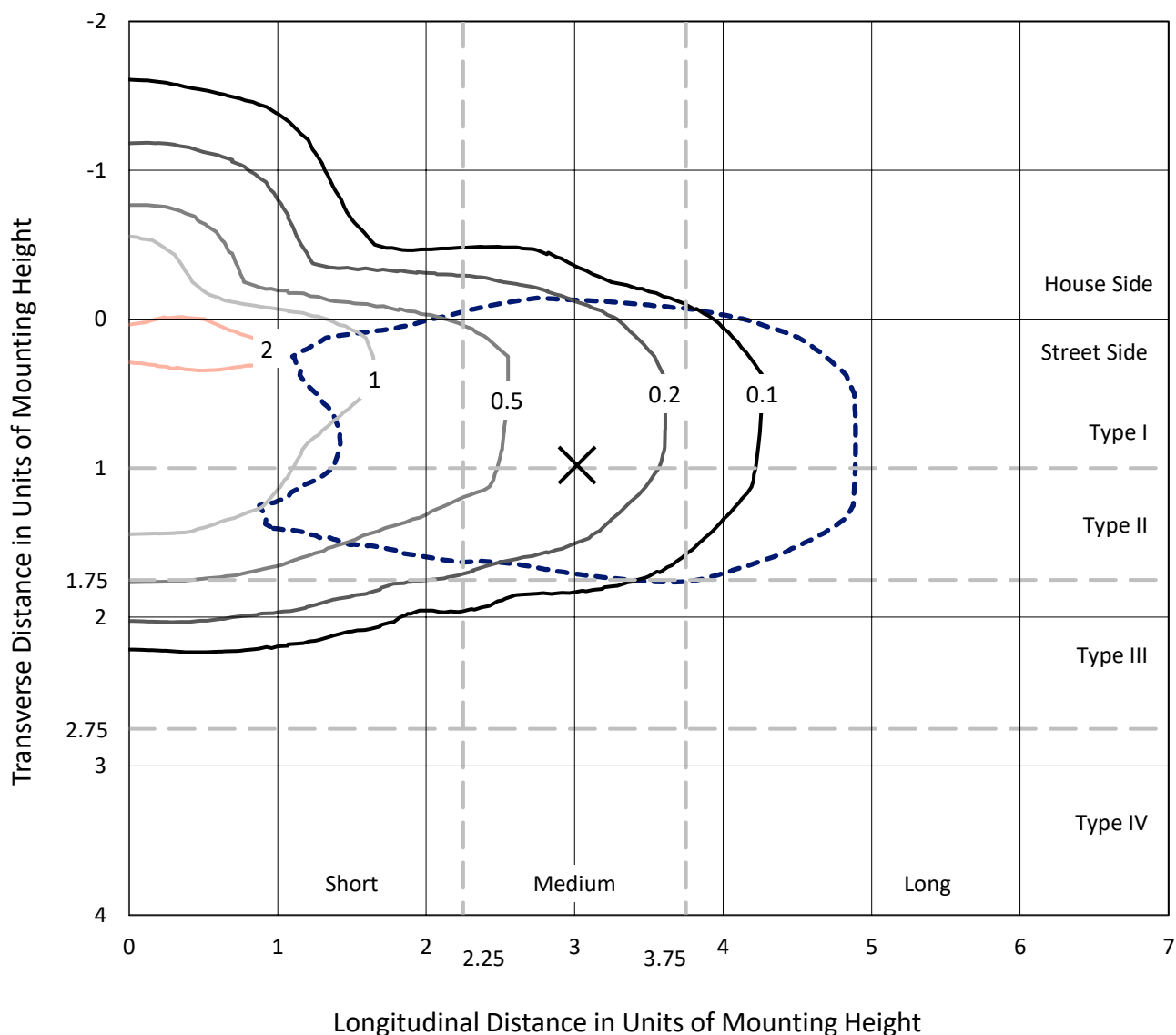
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

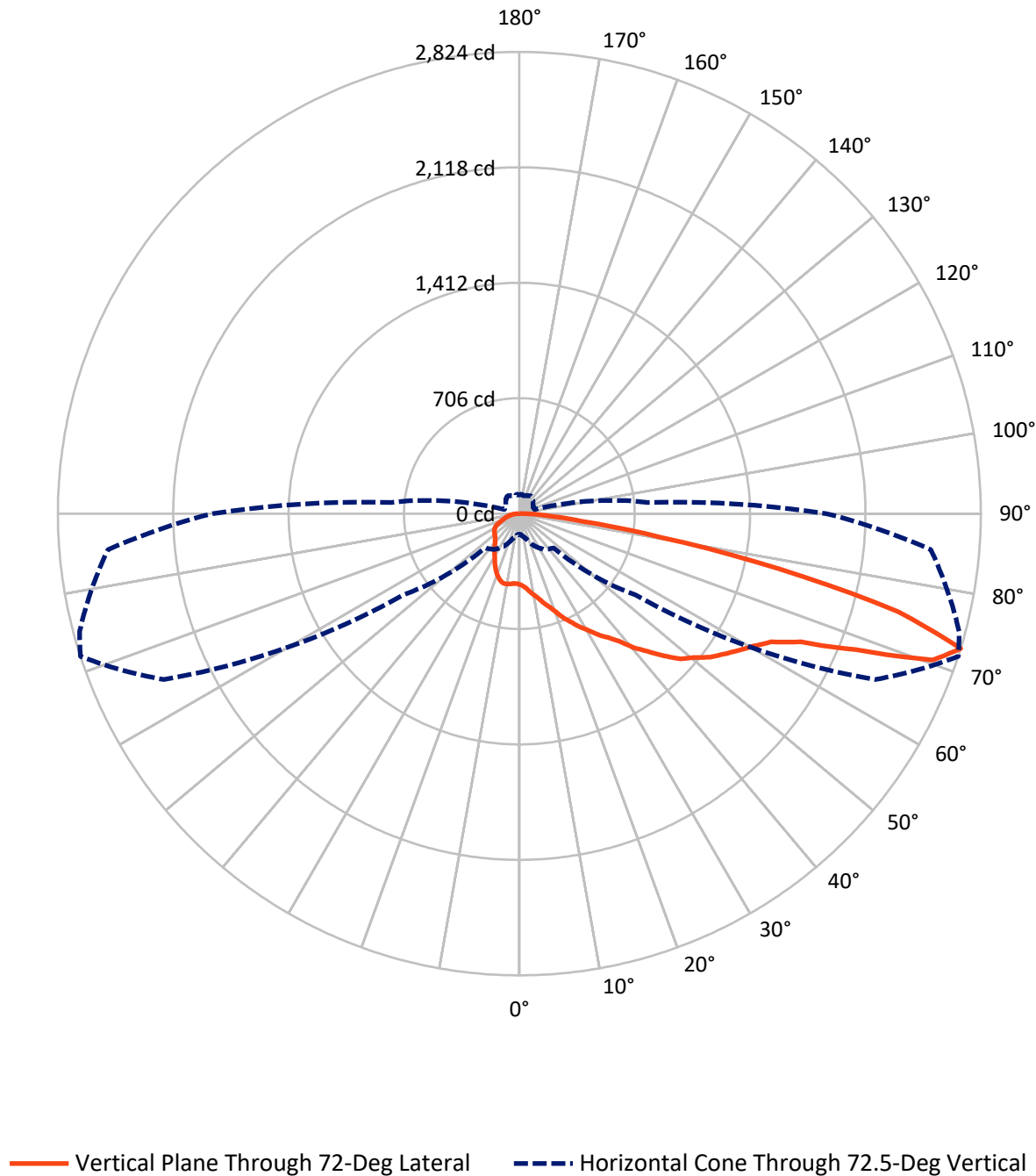
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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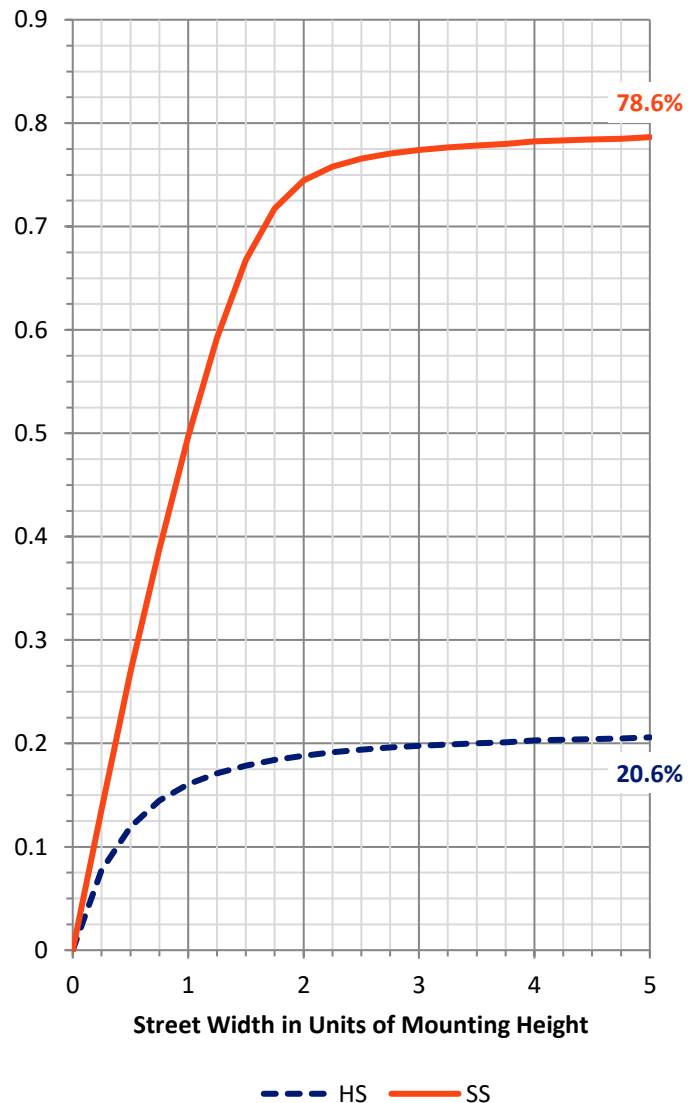
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	699.1	0.0	699.1
	% Fixture	21.0	0.0	21.0
Street Side	Lumens	2622.9	0.0	2622.9
	% Fixture	79.0	0.0	79.0
Total	Lumens	3322.0	0.0	3322.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	1.3
10°-20°	133.3	4.0
20°-30°	230.7	6.9
30°-40°	340.7	10.3
40°-50°	506.7	15.3
50°-60°	694.7	20.9
60°-70°	753.5	22.7
70°-80°	531.2	16.0
80°-90°	88.3	2.7
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°	3322.0	100.0
0°-180°	3322.0	100.0

Coefficient of Utilization



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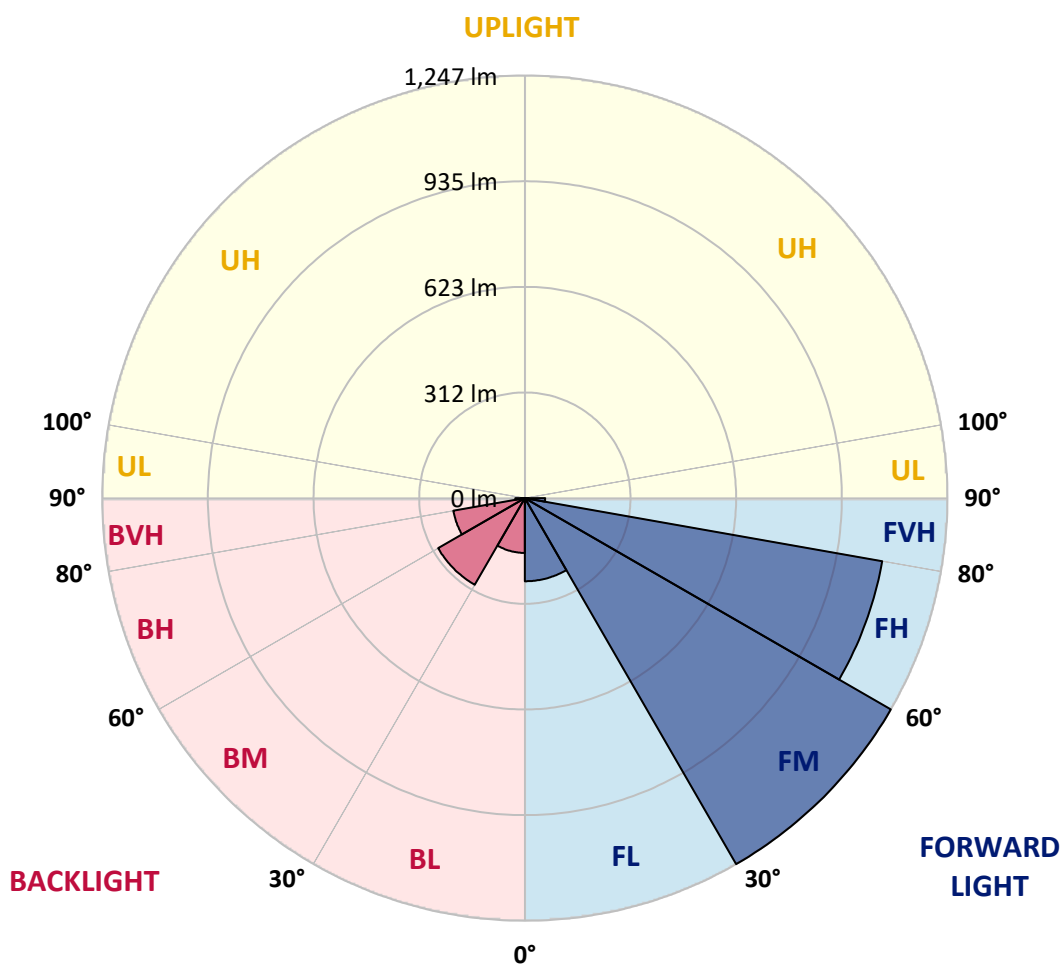
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	245.3	7.4			
FM	(30°-60°)	1246.8	37.5			
FH	(60°-80°)	1070.6	32.2			G1/1800
FVH	(80°-90°)	60.2	1.8			G1/100
BL	(0°-30°)	161.6	4.9	B1/500		
BM	(30°-60°)	295.3	8.9	B1/1000		
BH	(60°-80°)	214.2	6.4	B1/500		G1/500
BVH	(80°-90°)	28.1	0.8			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0
2.5°	468.3	468.3	464.6	463.4	463.4	453.6	454.8	448.7	443.8	443.8	438.9
5°	492.8	490.3	490.3	490.3	484.2	480.5	479.3	468.3	459.7	460.9	446.2
7.5°	498.9	500.1	501.4	507.5	503.8	506.3	503.8	491.6	485.4	479.3	465.8
10°	502.6	505.1	505.1	513.6	513.6	519.8	523.4	518.5	507.5	501.4	479.3
12.5°	511.2	507.5	512.4	518.5	524.7	535.7	546.7	541.8	534.5	527.1	502.6
15°	511.2	512.4	516.1	525.9	535.7	546.7	566.3	573.7	570.0	556.5	530.8
17.5°	496.5	492.8	510.0	528.3	546.7	560.2	586.0	603.1	600.7	595.8	556.5
20°	497.7	501.4	507.5	523.4	552.9	577.4	609.2	637.4	643.6	641.1	590.9
22.5°	519.8	521.0	527.1	534.5	557.8	589.6	637.4	682.8	693.8	687.7	628.9
25°	541.8	551.6	551.6	556.5	565.1	598.2	655.8	719.6	735.5	736.7	668.1
27.5°	577.4	579.8	587.2	589.6	597.0	616.6	676.7	746.5	783.3	778.4	703.6
30°	619.1	620.3	625.2	622.7	624.0	648.5	696.3	777.2	827.5	828.7	741.6
32.5°	668.1	677.9	680.3	664.4	666.9	673.0	726.9	814.0	882.6	874.0	774.7
35°	740.4	744.1	736.7	729.4	711.0	707.3	758.8	850.7	930.4	940.2	823.8
37.5°	829.9	839.7	829.9	790.7	771.1	756.4	798.0	891.2	988.0	1021.1	872.8
40°	913.3	912.0	902.2	866.7	832.4	821.3	854.4	947.6	1077.5	1109.4	943.9
42.5°	980.7	977.0	970.9	943.9	912.0	893.6	919.4	1006.4	1152.3	1213.6	1026.0
45°	1039.5	1034.6	1035.8	1005.2	974.6	984.4	984.4	1073.8	1240.6	1316.6	1120.4
47.5°	1094.7	1097.1	1093.5	1070.2	1046.9	1072.6	1059.1	1151.1	1327.6	1412.2	1200.1
50°	1158.4	1163.3	1151.1	1136.4	1115.5	1141.3	1124.1	1223.4	1384.0	1499.2	1295.7
52.5°	1218.5	1223.4	1234.4	1216.0	1195.2	1216.0	1176.8	1290.8	1458.8	1583.8	1369.3
55°	1233.2	1230.8	1292.1	1311.7	1322.7	1260.2	1223.4	1348.4	1517.6	1637.7	1452.6
57.5°	1165.8	1171.9	1255.3	1311.7	1429.3	1375.4	1276.1	1415.9	1578.9	1708.8	1529.9
60°	997.8	1001.5	1105.7	1239.3	1411.0	1483.3	1418.3	1502.9	1646.3	1768.9	1616.9
62.5°	666.9	695.1	825.0	1034.6	1281.0	1512.7	1645.1	1650.0	1728.5	1844.9	1735.8
65°	351.8	365.3	467.1	636.2	970.9	1411.0	1858.4	1941.8	1892.7	1984.7	1907.4
67.5°	230.5	235.4	290.5	386.1	560.2	1029.7	1882.9	2448.0	2222.5	2250.7	2182.0
70°	171.6	174.1	214.5	285.6	346.9	550.4	1543.4	2684.6	2683.4	2608.6	2508.1
72.5°	126.3	129.9	158.1	218.2	267.2	296.7	867.9	2401.4	2824.4	2786.4	2527.7
75°	99.3	101.7	116.5	169.2	215.8	194.9	440.1	1778.7	2395.3	2578.0	2313.2
77.5°	80.9	83.4	91.9	122.6	172.8	150.8	210.8	1147.4	1624.3	1855.9	1770.1
80°	67.4	67.4	73.6	87.0	133.6	114.0	125.0	644.8	875.3	966.0	802.9
82.5°	57.6	56.4	61.3	63.7	99.3	82.1	80.9	291.8	384.9	408.2	301.6
85°	36.8	38.0	57.6	55.2	65.0	56.4	45.4	138.5	181.4	185.1	112.8
87.5°	14.7	14.7	24.5	30.6	36.8	34.3	22.1	62.5	79.7	79.7	31.9
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°	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0	434.0
2.5°	437.6	432.7	429.0	426.6	420.5	414.3	415.6	414.3	409.4	407.0	407.0
5°	442.5	437.6	431.5	421.7	415.6	408.2	410.7	405.8	400.9	404.5	398.4
7.5°	454.8	446.2	437.6	422.9	413.1	402.1	397.2	394.7	391.0	388.6	388.6
10°	472.0	459.7	443.8	421.7	405.8	388.6	386.1	381.2	377.6	377.6	376.3
12.5°	489.1	475.6	448.7	413.1	386.1	373.9	372.7	373.9	376.3	377.6	378.8
15°	511.2	489.1	447.4	397.2	370.2	365.3	371.4	376.3	381.2	386.1	384.9
17.5°	532.0	506.3	436.4	377.6	356.7	357.9	369.0	378.8	388.6	393.5	394.7
20°	560.2	522.2	420.5	354.3	343.2	354.3	369.0	381.2	392.3	398.4	399.6
22.5°	592.1	540.6	399.6	333.4	332.2	343.2	357.9	376.3	388.6	399.6	398.4
25°	620.3	552.9	372.7	316.3	318.7	326.1	343.2	362.9	375.1	387.4	383.7
27.5°	638.7	555.3	344.5	304.0	304.0	311.4	327.3	339.6	350.6	360.4	361.6
30°	659.5	550.4	312.6	288.1	288.1	297.9	304.0	311.4	317.5	319.9	322.4
32.5°	684.0	539.4	293.0	275.8	275.8	283.2	286.8	284.4	283.2	277.0	280.7
35°	707.3	523.4	270.9	259.9	264.8	268.5	267.2	259.9	252.5	241.5	237.8
37.5°	735.5	507.5	251.3	242.7	251.3	252.5	252.5	243.9	234.1	220.7	220.7
40°	778.4	495.2	235.4	231.7	240.3	239.0	232.9	226.8	230.5	223.1	223.1
42.5°	823.8	490.3	220.7	221.9	225.6	226.8	220.7	213.3	228.0	219.4	220.7
45°	880.2	494.0	210.8	209.6	218.2	217.0	213.3	207.2	212.1	190.0	183.9
47.5°	932.9	501.4	205.9	201.0	210.8	213.3	208.4	194.9	187.6	174.1	171.6
50°	980.7	517.3	201.0	191.2	201.0	205.9	197.4	182.7	174.1	165.5	165.5
52.5°	1026.0	540.6	198.6	180.2	188.8	194.9	190.0	175.3	165.5	161.8	158.1
55°	1072.6	561.4	194.9	172.8	175.3	187.6	186.3	166.7	156.9	156.9	155.7
57.5°	1138.8	589.6	190.0	160.6	165.5	179.0	179.0	163.0	152.0	153.2	154.5
60°	1206.2	622.7	185.1	148.3	152.0	170.4	172.8	158.1	148.3	149.6	148.3
62.5°	1314.1	684.0	175.3	133.6	141.0	159.4	165.5	152.0	143.4	145.9	145.9
65°	1477.2	789.5	154.5	121.4	129.9	149.6	158.1	145.9	136.1	143.4	141.0
67.5°	1739.5	934.1	129.9	111.6	122.6	139.7	149.6	138.5	129.9	141.0	137.3
70°	1974.9	1005.2	111.6	103.0	111.6	128.7	139.7	131.2	122.6	133.6	128.7
72.5°	1879.2	788.2	96.8	93.2	101.7	116.5	129.9	121.4	112.8	118.9	114.0
75°	1621.8	627.6	84.6	83.4	90.7	105.4	118.9	112.8	104.2	106.6	104.2
77.5°	1229.5	518.5	72.3	71.1	77.2	94.4	106.6	101.7	93.2	91.9	91.9
80°	549.2	255.0	60.1	60.1	63.7	80.9	90.7	88.3	79.7	78.5	77.2
82.5°	180.2	96.8	49.0	46.6	51.5	67.4	80.9	78.5	69.9	67.4	65.0
85°	72.3	46.6	35.5	35.5	40.5	56.4	72.3	67.4	56.4	50.3	50.3
87.5°	24.5	19.6	18.4	18.4	25.7	38.0	53.9	45.4	40.5	35.5	36.8
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)