

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: P672129

Luminaire Tested: **CCP-SA-2C-750-U-T2R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672129
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-750-U-T2R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T2R distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

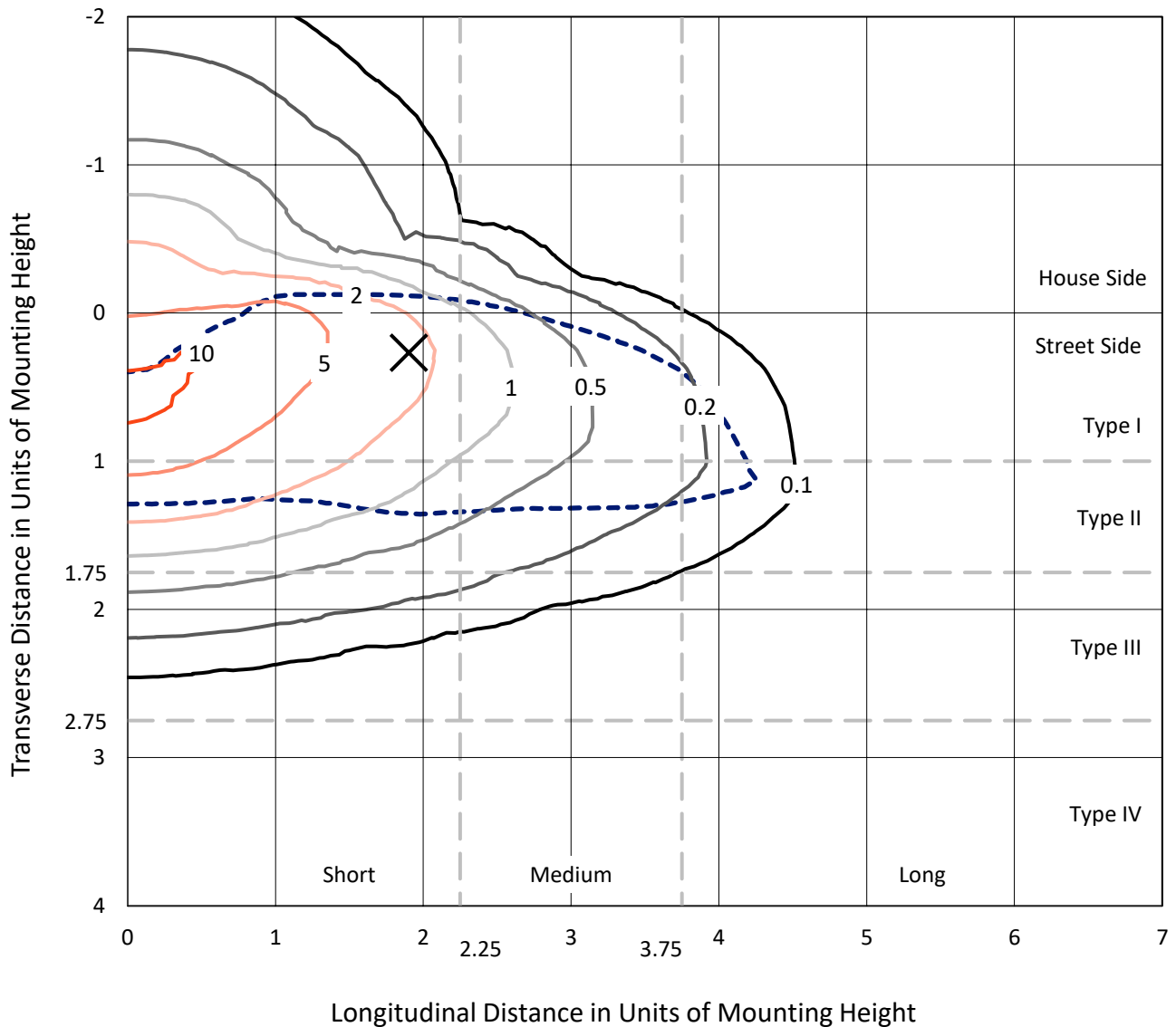
Lumens per Lamp: N/A
Luminaire Lumens: 9394.4 lumens
Efficiency: N/A
Efficacy: 151.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 62.1
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

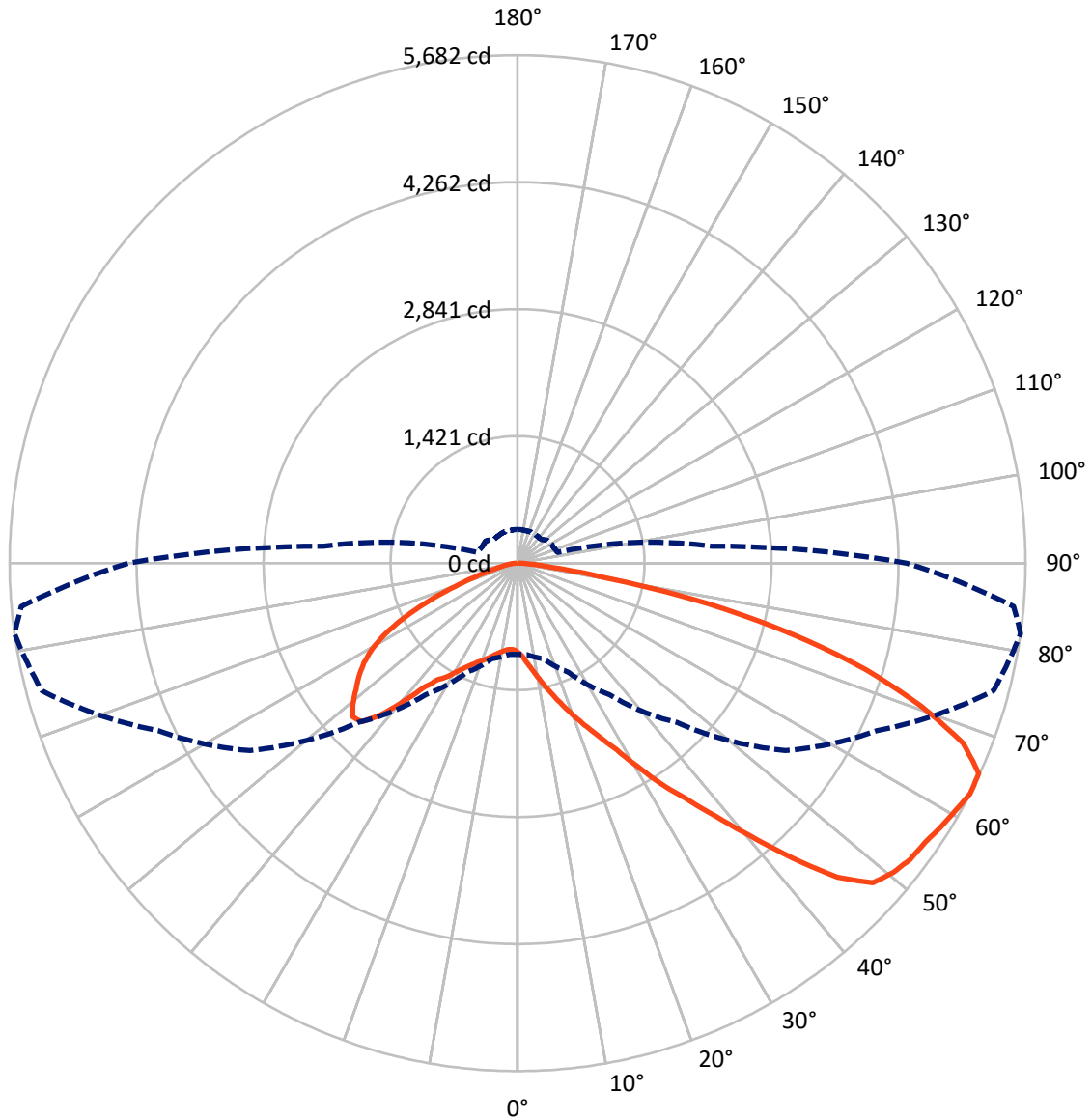
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 11 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1769.9	0.0	1769.9
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	7624.5	0.0	7624.5
	% Fixture	81.2	0.0	81.2
Total	Lumens	9394.4	0.0	9394.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	1.2
10°-20°	417.0	4.4
20°-30°	863.5	9.2
30°-40°	1465.6	15.6
40°-50°	1995.9	21.2
50°-60°	2020.2	21.5
60°-70°	1592.2	16.9
70°-80°	784.3	8.3
80°-90°	145.1	1.5
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°	9394.4	100.0
0°-180°	9394.4	100.0



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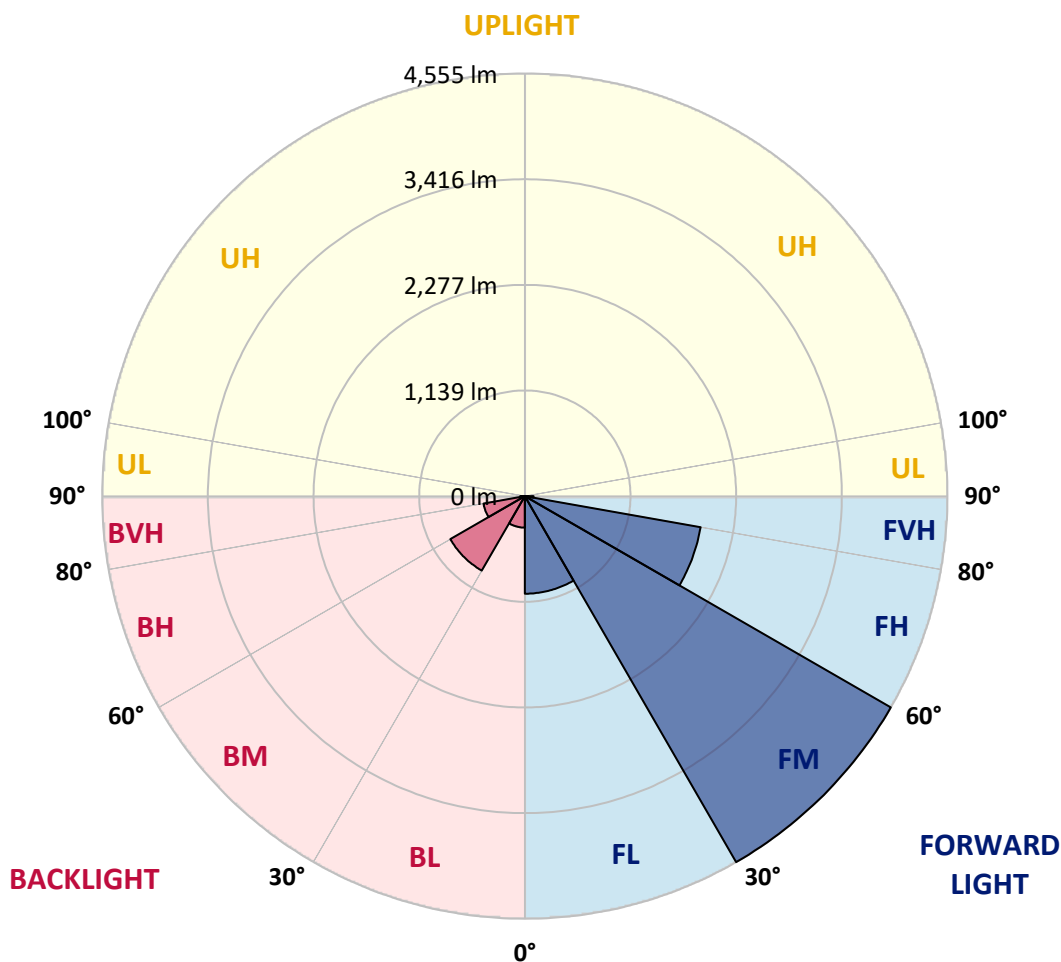
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1051.4	11.2			
FM (30°-60°)	4554.7	48.5			
FH (60°-80°)	1924.1	20.5			G2/5000
FVH (80°-90°)	94.3	1.0			G1/100
BL (0°-30°)	339.6	3.6	B1/500		
BM (30°-60°)	927.0	9.9	B1/1000		
BH (60°-80°)	452.4	4.8	B1/500		G1/500
BVH (80°-90°)	50.8	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-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0
2.5°	1330.5	1310.2	1299.3	1287.2	1253.3	1231.7	1191.1	1143.8	1089.0	1042.3	1033.5
5°	1611.2	1590.9	1593.6	1563.8	1514.4	1468.4	1392.7	1303.4	1199.2	1119.4	1091.7
7.5°	1809.3	1787.0	1792.4	1780.3	1740.3	1689.6	1593.6	1478.6	1326.4	1208.0	1163.4
10°	1941.9	1944.6	1948.7	1943.9	1918.2	1882.4	1787.0	1659.9	1470.5	1312.9	1252.0
12.5°	2092.1	2099.5	2098.2	2100.2	2086.7	2058.3	1964.9	1845.2	1624.0	1425.8	1346.7
15°	2283.5	2276.0	2282.1	2290.9	2276.0	2244.9	2162.4	2020.4	1785.0	1551.6	1453.6
17.5°	2493.2	2477.6	2493.8	2485.1	2474.2	2453.9	2363.3	2211.8	1951.4	1687.6	1572.6
20°	2674.4	2664.3	2673.1	2674.4	2676.5	2672.4	2579.1	2418.1	2125.9	1835.7	1701.1
22.5°	2878.0	2873.3	2871.9	2872.6	2874.7	2879.4	2815.8	2644.0	2319.3	1991.3	1839.8
25°	3162.8	3158.1	3126.9	3092.4	3072.2	3087.0	3053.9	2900.4	2533.1	2165.8	1992.0
27.5°	3482.0	3474.6	3433.3	3346.1	3281.2	3292.0	3288.6	3183.1	2779.3	2366.0	2174.6
30°	3813.5	3795.2	3738.4	3616.0	3513.8	3494.9	3504.4	3469.2	3089.1	2631.8	2428.9
32.5°	4109.1	4075.2	4000.2	3876.4	3754.6	3699.8	3701.2	3716.8	3425.9	2941.6	2695.4
35°	4289.7	4267.3	4211.2	4086.1	3950.1	3913.6	3903.4	3981.2	3735.0	3228.4	2934.2
37.5°	4387.1	4365.4	4305.2	4204.4	4101.6	4086.7	4105.7	4226.1	4086.1	3586.2	3258.8
40°	4369.5	4346.5	4307.2	4236.9	4169.3	4180.8	4264.6	4450.6	4469.6	4014.4	3721.5
42.5°	4224.7	4200.4	4197.0	4192.3	4160.5	4211.2	4362.7	4615.0	4822.0	4508.8	4281.5
45°	3969.0	3954.2	3971.8	4052.9	4092.8	4190.9	4408.7	4694.8	5131.8	5011.4	4811.2
47.5°	3645.1	3636.3	3676.2	3804.7	3933.9	4128.7	4439.1	4716.5	5344.8	5344.8	5158.1
50°	3282.5	3279.1	3331.9	3518.6	3720.8	4014.4	4435.8	4736.7	5438.2	5442.9	5280.6
52.5°	2776.6	2794.2	2934.9	3181.1	3455.7	3835.1	4388.4	4793.6	5490.9	5501.7	5362.4
55°	2193.5	2210.4	2422.8	2754.3	3106.0	3617.3	4247.0	4776.7	5501.1	5525.4	5409.1
57.5°	1751.2	1754.6	1887.1	2280.8	2716.4	3338.7	4084.0	4664.4	5471.3	5577.5	5480.8
60°	1370.4	1381.2	1469.8	1781.6	2264.5	2979.5	3902.1	4553.4	5488.2	5626.9	5545.7
62.5°	1020.7	1023.4	1105.9	1347.4	1799.2	2521.6	3655.2	4435.1	5511.9	5682.3	5572.1
65°	664.9	664.2	744.0	961.8	1344.0	2027.1	3267.6	4249.8	5513.9	5670.2	5451.0
67.5°	422.7	425.4	459.9	597.3	899.6	1530.0	2740.1	3905.5	5417.9	5375.3	5010.0
70°	342.9	343.6	354.4	390.3	547.9	1045.7	2059.6	3367.1	5114.2	4787.5	4354.6
72.5°	305.7	306.4	311.8	315.9	365.2	628.4	1351.4	2734.0	4574.4	4080.7	3612.6
75°	274.6	274.6	278.0	273.9	299.6	394.3	767.0	2055.5	3767.5	3177.7	2729.2
77.5°	240.8	240.1	240.1	238.1	259.1	288.1	384.2	1434.6	2713.7	2167.1	1770.1
80°	204.3	202.9	204.9	203.6	223.9	218.5	223.9	885.4	1471.1	993.6	753.5
82.5°	159.0	159.0	165.0	166.4	184.7	158.3	157.6	420.0	558.7	371.3	278.0
85°	83.2	93.3	125.8	131.2	139.3	99.4	115.7	196.2	223.9	142.0	101.5
87.5°	25.0	26.4	77.1	86.6	85.9	50.1	71.0	94.7	104.8	62.9	41.3
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°	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0	999.0
2.5°	1011.2	987.5	937.5	892.8	859.0	826.5	804.2	792.7	777.8	779.9	775.1
5°	1042.3	993.6	905.0	833.3	785.3	748.8	726.4	714.9	704.1	698.7	702.8
7.5°	1089.0	1013.2	889.5	802.9	752.8	721.7	709.5	706.1	703.4	701.4	704.8
10°	1149.2	1047.7	886.7	792.1	746.1	727.1	722.4	720.4	717.6	714.9	717.0
12.5°	1210.7	1085.6	896.2	794.8	756.9	742.7	736.6	733.9	727.1	723.7	724.4
15°	1287.8	1131.6	909.1	805.6	771.1	752.8	744.7	737.3	726.4	721.7	723.7
17.5°	1370.4	1186.4	926.7	815.7	776.5	754.2	737.9	727.1	716.3	709.5	710.2
20°	1463.7	1240.5	942.2	819.1	773.8	742.7	723.1	710.2	696.0	688.6	686.5
22.5°	1560.4	1297.3	954.4	816.4	758.9	723.1	700.7	685.2	668.3	656.8	657.4
25°	1678.1	1374.4	964.5	806.9	739.3	697.4	672.3	652.7	635.1	624.3	625.0
27.5°	1819.5	1461.7	976.7	792.1	715.6	669.6	640.5	620.9	604.0	593.9	592.5
30°	2008.2	1575.3	990.2	773.8	685.9	639.2	610.8	590.5	574.3	564.8	564.8
32.5°	2220.6	1714.0	999.7	752.1	652.7	606.7	581.0	564.8	552.6	539.8	538.4
35°	2405.2	1821.5	1028.8	735.2	623.6	576.3	558.7	547.2	528.9	516.8	514.7
37.5°	2676.5	2010.9	1114.7	730.5	588.5	552.6	549.2	527.6	506.6	483.6	481.6
40°	3113.4	2339.0	1214.8	707.5	551.9	539.8	536.4	507.3	457.9	443.7	441.0
42.5°	3669.4	2734.0	1225.6	640.5	526.2	528.9	518.8	462.0	440.3	429.5	426.8
45°	4171.3	3054.6	1164.1	572.2	507.3	512.7	491.7	445.1	432.9	422.7	420.0
47.5°	4453.3	3153.3	1047.7	520.8	493.1	498.5	448.4	436.9	424.8	414.6	411.9
50°	4532.5	3067.4	912.4	491.1	482.3	484.3	436.9	430.2	419.4	411.2	407.2
52.5°	4548.0	2938.9	787.3	473.5	474.1	455.9	426.8	421.4	414.6	401.8	397.0
55°	4554.8	2823.2	675.0	462.6	468.7	419.4	416.0	411.9	406.5	393.0	390.3
57.5°	4572.4	2675.1	587.1	454.5	462.0	402.5	403.8	401.1	394.3	388.2	386.9
60°	4522.3	2470.2	519.5	446.4	452.5	388.2	389.6	391.0	384.9	383.5	382.8
62.5°	4354.6	2179.3	462.0	435.6	432.9	374.0	374.0	379.5	374.0	376.1	376.1
65°	4009.0	1808.7	410.6	415.3	402.5	358.5	357.8	367.3	359.2	368.0	368.6
67.5°	3419.8	1369.0	357.8	383.5	370.7	342.3	345.0	352.4	341.6	359.8	359.8
70°	2706.9	931.4	303.0	338.9	338.2	324.0	332.8	332.1	319.9	347.0	342.3
72.5°	2016.3	597.9	246.9	284.1	295.6	304.4	320.6	306.4	294.9	310.5	296.3
75°	1408.9	374.7	194.8	224.6	246.2	282.7	305.7	277.3	260.4	255.7	251.6
77.5°	843.5	239.4	153.5	171.1	192.1	257.0	286.8	246.9	221.2	218.5	210.4
80°	388.9	156.2	117.0	127.8	136.6	220.5	261.1	211.0	179.9	177.2	167.7
82.5°	175.9	102.8	87.3	91.3	92.0	175.2	220.5	167.1	137.3	222.5	192.8
85°	81.8	66.3	56.8	54.1	54.8	117.0	160.3	115.0	156.2	121.7	92.7
87.5°	35.2	33.8	29.1	23.0	21.0	25.0	61.6	48.0	68.3	27.1	18.3
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)