

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: P670800

Luminaire Tested: **CCP-SA-2C-730-U-T3**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P670800
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-730-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8318.7 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

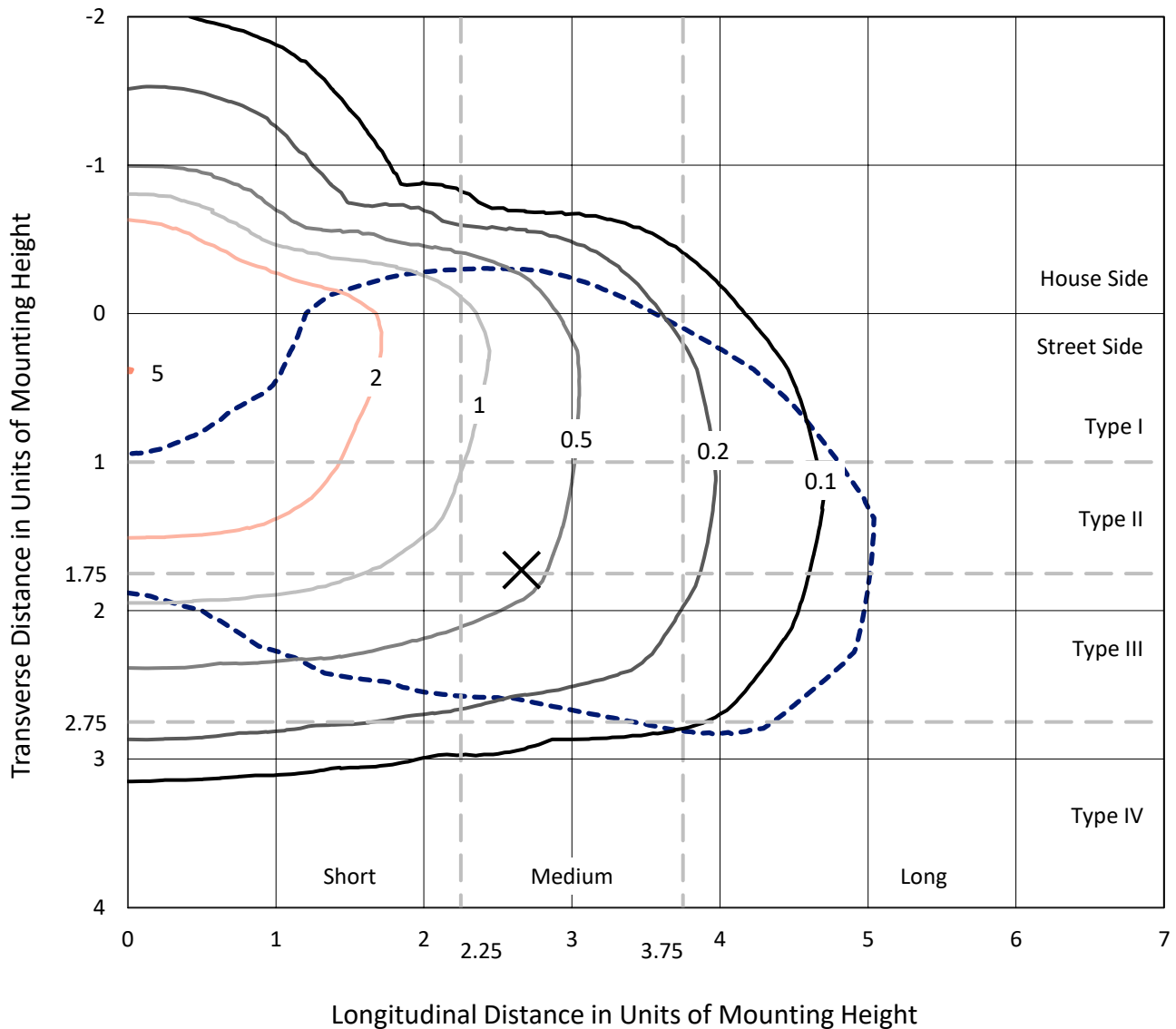
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

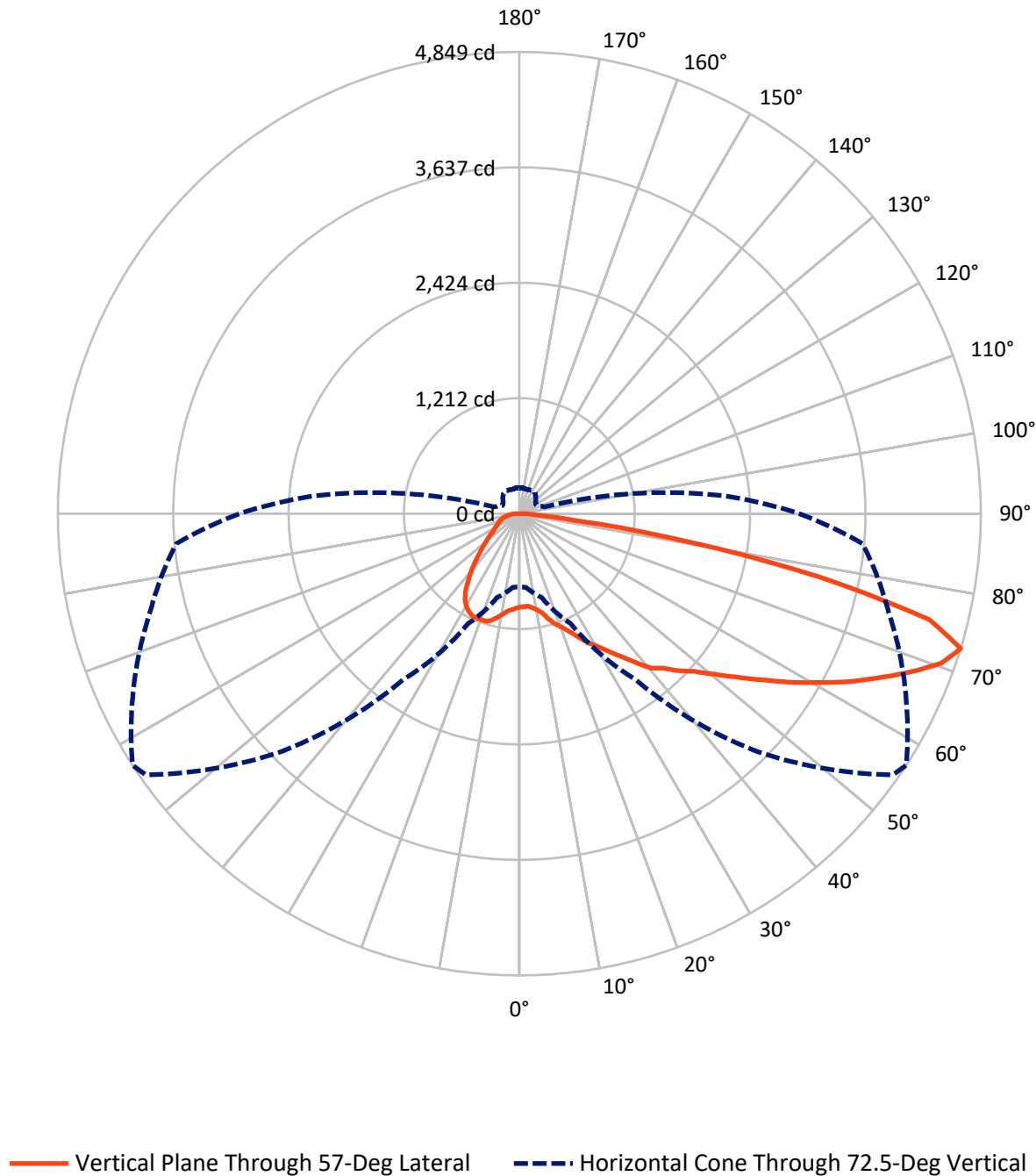
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1942.7	0.0	1942.7
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	6376.0	0.0	6376.0
	% Fixture	76.6	0.0	76.6
Total	Lumens	8318.7	0.0	8318.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.5	1.2
10°-20°	328.5	3.9
20°-30°	600.5	7.2
30°-40°	880.9	10.6
40°-50°	1212.9	14.6
50°-60°	1663.3	20.0
60°-70°	2005.0	24.1
70°-80°	1335.6	16.1
80°-90°	194.5	2.3
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°	8318.7	100.0
0°-180°	8318.7	100.0



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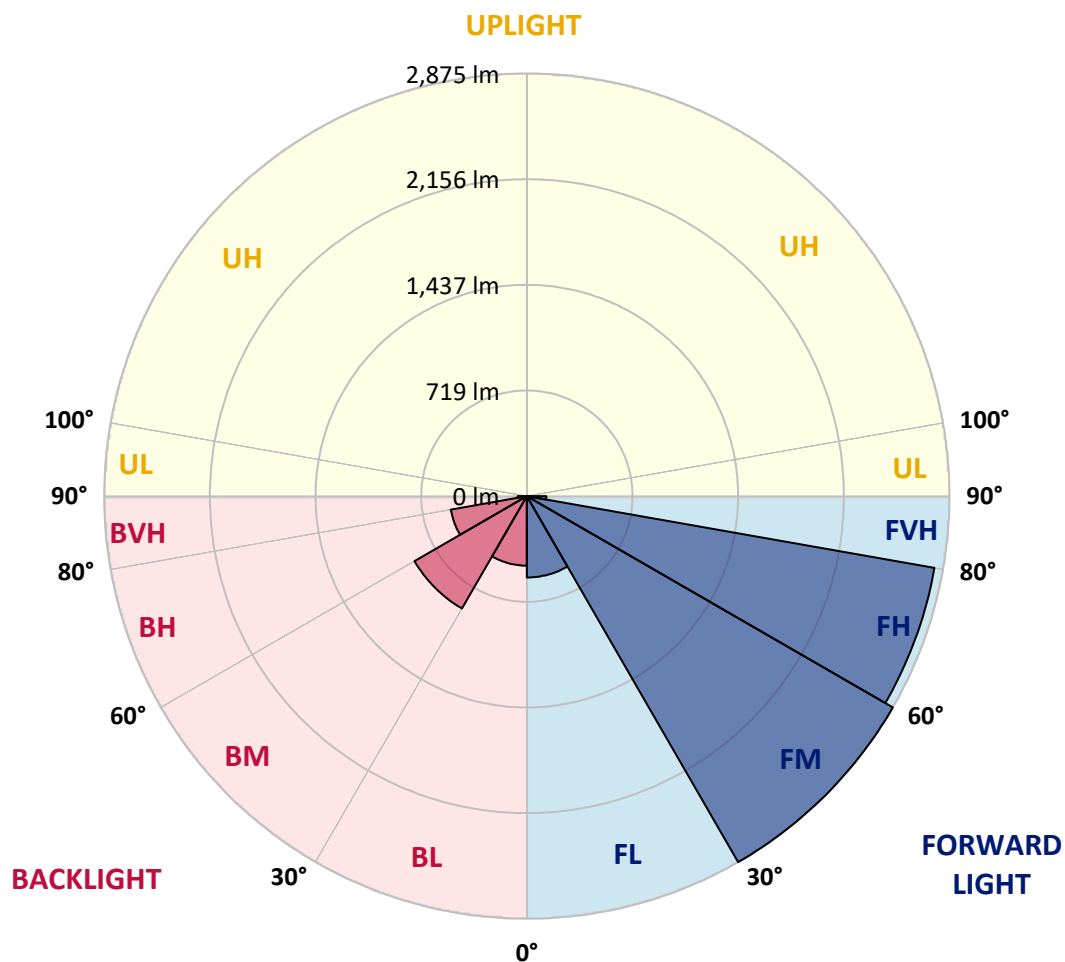
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	553.4	6.7			
FM	(30°-60°)	2874.8	34.6			
FH	(60°-80°)	2815.4	33.8			G2/5000
FVH	(80°-90°)	132.5	1.6			G2/225
BL	(0°-30°)	473.0	5.7	B1/500		
BM	(30°-60°)	882.4	10.6	B1/1000		
BH	(60°-80°)	525.3	6.3	B2/1000		G2/1000
BVH	(80°-90°)	62.1	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9
2.5°	963.7	966.7	972.8	969.8	969.8	960.7	975.8	978.8	972.8	975.8	981.9
5°	963.7	969.8	978.8	972.8	975.8	972.8	966.7	975.8	975.8	978.8	987.9
7.5°	1015.2	1012.2	1012.2	1003.1	1000.1	997.0	1000.1	1000.1	994.0	997.0	997.0
10°	1072.8	1072.8	1066.7	1066.7	1060.7	1045.5	1030.4	1027.3	1018.2	1021.3	1021.3
12.5°	1133.4	1139.5	1145.5	1127.3	1121.3	1097.0	1087.9	1069.8	1069.8	1063.7	1060.7
15°	1209.2	1200.1	1206.1	1200.1	1184.9	1160.7	1145.5	1148.5	1127.3	1121.3	1112.2
17.5°	1275.8	1278.9	1269.8	1263.7	1236.4	1218.2	1221.3	1218.2	1191.0	1181.9	1166.7
20°	1354.6	1351.6	1351.6	1333.4	1309.2	1284.9	1275.8	1272.8	1278.9	1260.7	1224.3
22.5°	1436.4	1424.3	1424.3	1409.2	1375.8	1360.7	1354.6	1342.5	1348.6	1333.4	1278.9
25°	1503.1	1503.1	1524.3	1494.0	1475.8	1445.5	1433.4	1436.4	1439.5	1409.2	1345.5
27.5°	1591.0	1575.8	1597.1	1581.9	1572.8	1539.5	1524.3	1533.4	1527.4	1494.0	1406.1
30°	1703.1	1706.2	1694.0	1672.8	1660.7	1636.5	1627.4	1618.3	1627.4	1584.9	1472.8
32.5°	1842.5	1851.6	1821.3	1797.1	1775.9	1751.6	1733.4	1724.3	1733.4	1669.8	1524.3
35°	2003.1	2012.2	1988.0	1960.7	1936.5	1875.9	1860.7	1845.6	1812.2	1709.2	1572.8
37.5°	2151.6	2139.5	2133.5	2133.5	2088.0	2000.1	1991.0	1981.9	1918.3	1788.0	1639.5
40°	2251.6	2266.8	2260.7	2254.7	2248.6	2166.8	2148.6	2133.5	2027.4	1906.2	1733.4
42.5°	2363.8	2354.7	2378.9	2388.0	2366.8	2342.6	2269.8	2218.3	2124.4	2027.4	1872.8
45°	2497.1	2491.0	2500.1	2533.5	2503.2	2512.3	2391.0	2354.7	2236.5	2178.9	2048.6
47.5°	2615.3	2630.4	2675.9	2685.0	2660.8	2703.2	2533.5	2475.9	2400.1	2354.7	2230.4
50°	2666.8	2685.0	2788.0	2851.7	2854.7	2921.4	2675.9	2651.7	2548.6	2566.8	2457.7
52.5°	2624.4	2682.0	2806.2	2972.9	3075.9	3142.6	2863.8	2851.7	2757.7	2815.3	2706.2
55°	2663.8	2718.3	2800.2	3033.5	3294.1	3309.3	3124.4	3079.0	2985.0	3063.8	2963.8
57.5°	2682.0	2651.7	2806.2	3100.2	3454.7	3494.1	3372.9	3339.6	3266.8	3342.6	3285.0
60°	2539.5	2575.9	2721.4	3082.0	3463.8	3691.1	3651.7	3603.2	3536.6	3606.3	3572.9
62.5°	2378.9	2403.2	2560.7	2972.9	3515.3	3833.5	3921.4	3885.1	3791.1	3851.7	3909.3
65°	2175.9	2178.9	2354.7	2778.9	3415.3	3915.4	4157.8	4154.8	4088.1	4073.0	4163.9
67.5°	1927.4	1951.6	2091.0	2572.9	3279.0	4006.3	4391.2	4436.6	4303.3	4185.1	4218.4
70°	1478.9	1503.1	1636.5	2109.2	3000.2	3979.0	4679.0	4703.3	4442.7	4142.7	4057.8
72.5°	769.7	775.8	912.2	1272.8	2127.4	3533.5	4785.1	4848.8	4479.0	4018.4	3618.4
75°	254.6	254.6	312.1	484.9	1003.1	2260.7	4333.6	4448.7	4300.2	3709.3	2960.8
77.5°	151.5	154.6	184.9	242.4	400.0	903.1	3054.7	3257.8	3518.4	3154.7	2163.8
80°	109.1	112.1	139.4	166.7	239.4	290.9	1533.4	1815.3	2160.7	2030.4	1154.6
82.5°	81.8	81.8	109.1	124.2	163.6	172.7	427.3	584.9	933.4	727.3	318.2
85°	84.9	84.9	84.9	87.9	112.1	100.0	178.8	190.9	272.7	239.4	87.9
87.5°	30.3	33.3	84.9	57.6	57.6	42.4	69.7	75.8	97.0	100.0	33.3
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°	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9	981.9
2.5°	984.9	984.9	987.9	987.9	994.0	1000.1	1009.1	1003.1	1003.1	1006.1	1003.1
5°	981.9	984.9	994.0	1009.1	1015.2	1018.2	1036.4	1036.4	1036.4	1042.5	1042.5
7.5°	994.0	1000.1	1015.2	1030.4	1033.4	1042.5	1066.7	1072.8	1087.9	1094.0	1097.0
10°	1024.3	1033.4	1045.5	1063.7	1075.8	1087.9	1106.1	1127.3	1124.3	1142.5	1145.5
12.5°	1069.8	1066.7	1087.9	1106.1	1118.2	1136.4	1142.5	1142.5	1142.5	1142.5	1148.5
15°	1106.1	1112.2	1130.4	1142.5	1157.6	1154.6	1142.5	1130.4	1133.4	1130.4	1130.4
17.5°	1160.7	1160.7	1175.8	1178.9	1184.9	1154.6	1136.4	1136.4	1145.5	1145.5	1139.5
20°	1215.2	1212.2	1218.2	1215.2	1175.8	1139.5	1136.4	1139.5	1142.5	1139.5	1136.4
22.5°	1266.7	1260.7	1251.6	1239.5	1169.8	1136.4	1130.4	1115.2	1100.1	1100.1	1091.0
25°	1312.2	1306.1	1281.9	1245.5	1166.7	1118.2	1087.9	1051.6	1033.4	1024.3	1036.4
27.5°	1354.6	1342.5	1309.2	1245.5	1139.5	1069.8	1012.2	966.7	951.6	939.4	951.6
30°	1412.2	1391.0	1345.5	1236.4	1097.0	994.0	915.2	860.7	845.5	827.3	833.4
32.5°	1463.7	1415.2	1375.8	1209.2	1042.5	909.1	818.2	763.7	736.4	721.3	733.4
35°	1518.3	1469.8	1388.0	1166.7	957.6	806.1	715.2	663.7	642.5	621.2	621.2
37.5°	1572.8	1545.5	1406.1	1087.9	854.6	709.1	627.3	587.9	551.5	512.1	512.1
40°	1688.0	1651.6	1427.4	997.0	751.6	615.2	557.6	506.1	469.7	415.2	412.1
42.5°	1809.2	1730.4	1427.4	887.9	660.6	548.5	494.0	439.4	372.7	339.4	342.4
45°	1963.7	1872.8	1388.0	791.0	569.7	494.0	433.4	363.7	333.4	312.1	312.1
47.5°	2157.7	2015.3	1339.5	684.9	497.0	445.5	369.7	327.3	306.1	287.9	284.9
50°	2388.0	2145.6	1278.9	594.0	436.4	400.0	336.4	303.0	284.9	272.7	272.7
52.5°	2630.4	2336.5	1236.4	512.1	387.9	339.4	312.1	290.9	275.8	266.7	263.7
55°	2875.9	2527.4	1206.1	424.3	342.4	312.1	306.1	287.9	281.8	272.7	266.7
57.5°	3151.7	2685.0	1200.1	363.7	306.1	300.0	312.1	297.0	287.9	278.8	269.7
60°	3448.7	2897.1	1145.5	315.2	287.9	294.0	303.0	287.9	281.8	272.7	266.7
62.5°	3742.6	3054.7	997.0	278.8	269.7	275.8	287.9	275.8	266.7	269.7	272.7
65°	3863.9	3066.8	772.8	251.5	248.5	251.5	269.7	266.7	257.6	275.8	275.8
67.5°	3742.6	2957.7	545.5	227.3	227.3	242.4	272.7	278.8	269.7	294.0	290.9
70°	3466.9	2688.0	369.7	212.1	218.2	257.6	281.8	275.8	263.7	294.0	287.9
72.5°	2942.6	2151.6	269.7	197.0	206.1	245.5	278.8	272.7	263.7	275.8	263.7
75°	2209.2	1530.4	212.1	178.8	181.8	221.2	287.9	272.7	248.5	242.4	233.3
77.5°	1475.8	945.5	163.6	157.6	157.6	194.0	275.8	254.6	224.3	215.2	212.1
80°	703.1	378.8	130.3	133.3	136.4	166.7	251.5	227.3	203.0	190.9	190.9
82.5°	224.3	142.4	109.1	109.1	109.1	136.4	209.1	190.9	175.8	166.7	151.5
85°	78.8	78.8	93.9	97.0	87.9	100.0	172.7	163.6	145.5	121.2	118.2
87.5°	30.3	45.5	63.6	75.8	54.5	69.7	124.2	115.2	106.1	78.8	75.8
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)