

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: P670796

Luminaire Tested: **CCP-SA-1E-730-U-T3**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P670796
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-730-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ T3
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

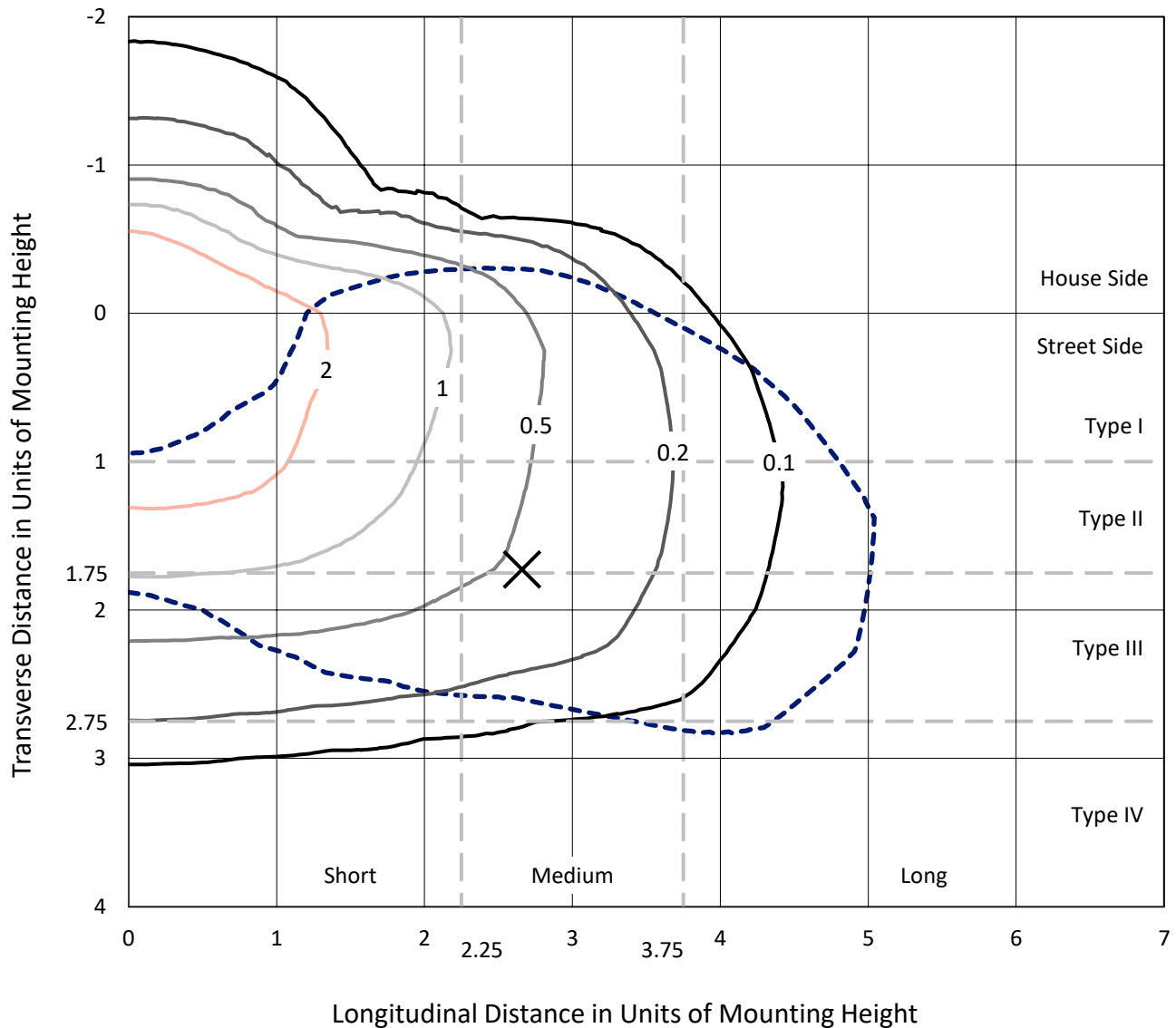
Lumens per Lamp: N/A
Luminaire Lumens: 6290.5 lumens
Efficiency: N/A
Efficacy: 112.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 56.1
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

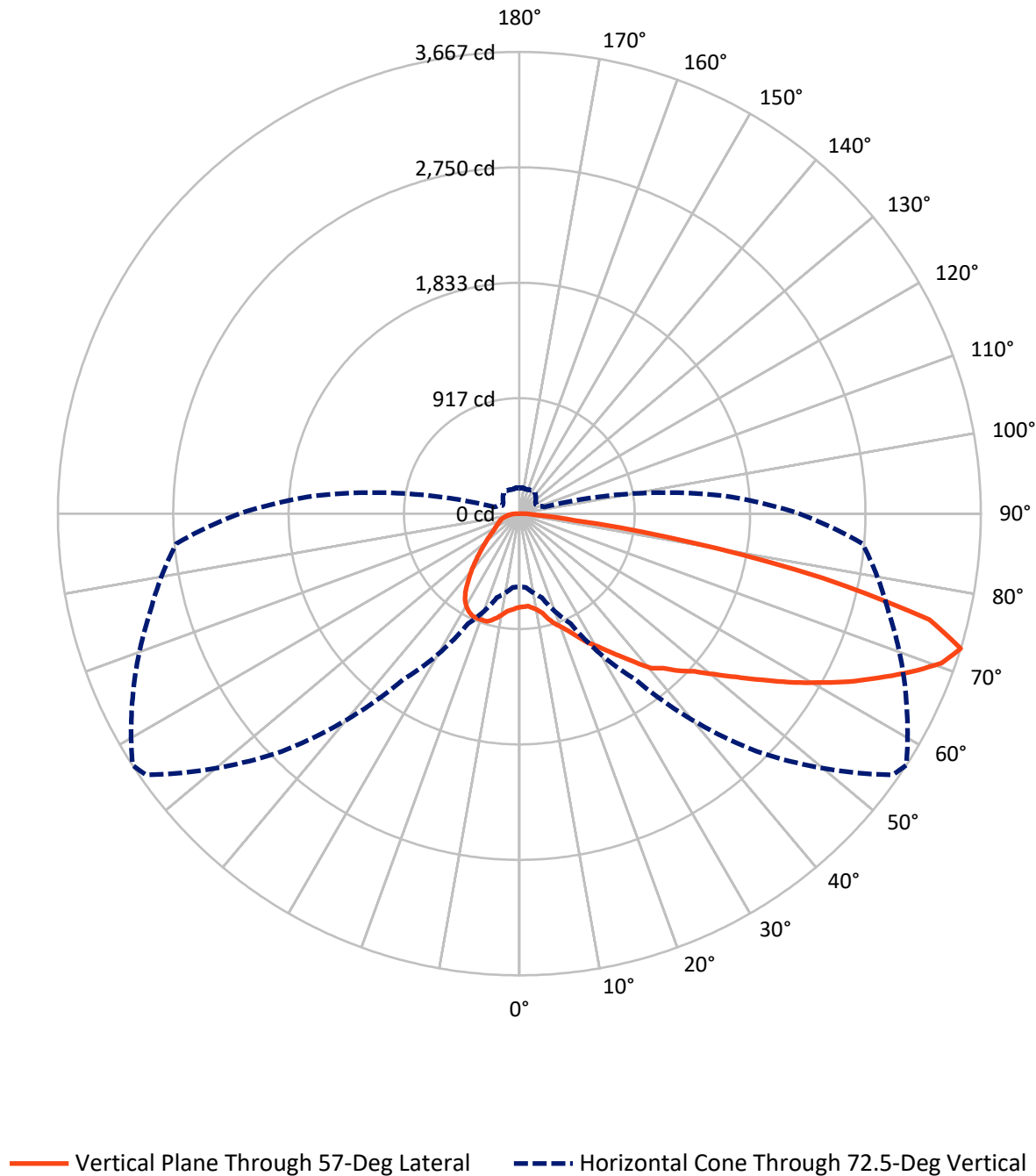
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.8 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	1469.0	0.0	1469.0
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	4821.4	0.0	4821.4
	% Fixture	76.6	0.0	76.6
Total	Lumens	6290.5	0.0	6290.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.7	1.2
10°-20°	248.4	3.9
20°-30°	454.1	7.2
30°-40°	666.2	10.6
40°-50°	917.2	14.6
50°-60°	1257.8	20.0
60°-70°	1516.1	24.1
70°-80°	1010.0	16.1
80°-90°	147.1	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°	6290.5	100.0
0°-180°	6290.5	100.0

Coefficient of Utilization



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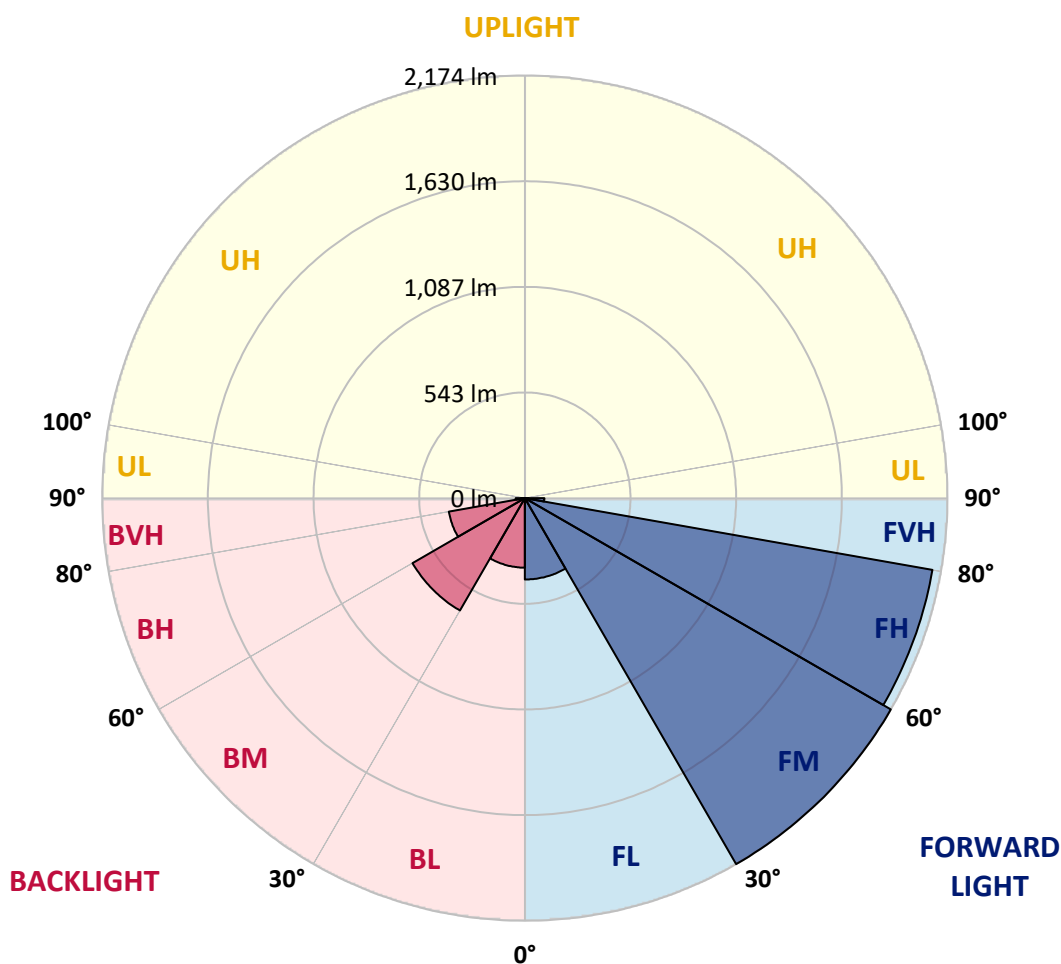
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	418.5	6.7			
FM	(30°-60°)	2173.9	34.6			
FH	(60°-80°)	2128.9	33.8			G2/5000
FVH	(80°-90°)	100.2	1.6			G2/225
BL	(0°-30°)	357.7	5.7	B1/500		
BM	(30°-60°)	667.3	10.6	B1/1000		
BH	(60°-80°)	397.2	6.3	B1/500		G1/500
BVH	(80°-90°)	46.9	0.7			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5
2.5°	728.7	731.0	735.6	733.3	733.3	726.4	737.9	740.2	735.6	737.9	742.5
5°	728.7	733.3	740.2	735.6	737.9	735.6	731.0	737.9	737.9	740.2	747.1
7.5°	767.7	765.4	765.4	758.5	756.2	753.9	756.2	756.2	751.6	753.9	753.9
10°	811.2	811.2	806.6	806.6	802.1	790.6	779.1	776.8	770.0	772.3	772.3
12.5°	857.1	861.6	866.2	852.5	847.9	829.6	822.7	808.9	808.9	804.3	802.1
15°	914.3	907.5	912.1	907.5	896.0	877.7	866.2	868.5	852.5	847.9	841.0
17.5°	964.8	967.0	960.2	955.6	935.0	921.2	923.5	921.2	900.6	893.7	882.3
20°	1024.3	1022.0	1022.0	1008.3	990.0	971.6	964.8	962.5	967.0	953.3	925.8
22.5°	1086.2	1077.0	1077.0	1065.6	1040.4	1028.9	1024.3	1015.2	1019.8	1008.3	967.0
25°	1136.6	1136.6	1152.7	1129.8	1116.0	1093.1	1083.9	1086.2	1088.5	1065.6	1017.5
27.5°	1203.1	1191.6	1207.7	1196.2	1189.3	1164.1	1152.7	1159.5	1155.0	1129.8	1063.3
30°	1287.9	1290.2	1281.0	1265.0	1255.8	1237.5	1230.6	1223.7	1230.6	1198.5	1113.7
32.5°	1393.3	1400.2	1377.2	1358.9	1342.9	1324.5	1310.8	1303.9	1310.8	1262.7	1152.7
35°	1514.7	1521.6	1503.3	1482.7	1464.3	1418.5	1407.0	1395.6	1370.4	1292.5	1189.3
37.5°	1627.0	1617.9	1613.3	1613.3	1578.9	1512.4	1505.6	1498.7	1450.6	1352.0	1239.7
40°	1702.6	1714.1	1709.5	1704.9	1700.4	1638.5	1624.7	1613.3	1533.1	1441.4	1310.8
42.5°	1787.4	1780.6	1798.9	1805.8	1789.7	1771.4	1716.4	1677.4	1606.4	1533.1	1416.2
45°	1888.3	1883.7	1890.6	1915.8	1892.9	1899.7	1808.1	1780.6	1691.2	1647.7	1549.1
47.5°	1977.6	1989.1	2023.5	2030.3	2012.0	2044.1	1915.8	1872.2	1814.9	1780.6	1686.6
50°	2016.6	2030.3	2108.3	2156.4	2158.7	2209.1	2023.5	2005.1	1927.2	1941.0	1858.5
52.5°	1984.5	2028.1	2122.0	2248.0	2326.0	2376.4	2165.5	2156.4	2085.3	2128.9	2046.4
55°	2014.3	2055.6	2117.4	2293.9	2491.0	2502.4	2362.6	2328.3	2257.2	2316.8	2241.2
57.5°	2028.1	2005.1	2122.0	2344.3	2612.4	2642.2	2550.5	2525.3	2470.3	2527.6	2484.1
60°	1920.3	1947.8	2057.8	2330.5	2619.3	2791.2	2761.4	2724.7	2674.3	2727.0	2701.8
62.5°	1798.9	1817.2	1936.4	2248.0	2658.2	2898.9	2965.3	2937.8	2866.8	2912.6	2956.1
65°	1645.4	1647.7	1780.6	2101.4	2582.6	2960.7	3144.1	3141.8	3091.4	3079.9	3148.6
67.5°	1457.4	1475.8	1581.2	1945.6	2479.5	3029.5	3320.5	3354.9	3254.1	3164.7	3189.9
70°	1118.3	1136.6	1237.5	1594.9	2268.7	3008.9	3538.2	3556.5	3359.5	3132.6	3068.4
72.5°	582.1	586.6	689.8	962.5	1608.7	2672.0	3618.4	3666.5	3387.0	3038.6	2736.2
75°	192.5	192.5	236.0	366.7	758.5	1709.5	3277.0	3364.0	3251.8	2804.9	2238.9
77.5°	114.6	116.9	139.8	183.3	302.5	682.9	2309.9	2463.5	2660.5	2385.5	1636.2
80°	82.5	84.8	105.4	126.0	181.0	220.0	1159.5	1372.7	1633.9	1535.4	873.1
82.5°	61.9	61.9	82.5	94.0	123.7	130.6	323.1	442.3	705.8	550.0	240.6
85°	64.2	64.2	64.2	66.5	84.8	75.6	135.2	144.4	206.2	181.0	66.5
87.5°	22.9	25.2	64.2	43.5	43.5	32.1	52.7	57.3	73.3	75.6	25.2
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°	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5	742.5
2.5°	744.8	744.8	747.1	747.1	751.6	756.2	763.1	758.5	758.5	760.8	758.5
5°	742.5	744.8	751.6	763.1	767.7	770.0	783.7	783.7	783.7	788.3	788.3
7.5°	751.6	756.2	767.7	779.1	781.4	788.3	806.6	811.2	822.7	827.3	829.6
10°	774.6	781.4	790.6	804.3	813.5	822.7	836.4	852.5	850.2	863.9	866.2
12.5°	808.9	806.6	822.7	836.4	845.6	859.3	863.9	863.9	863.9	863.9	868.5
15°	836.4	841.0	854.8	863.9	875.4	873.1	863.9	854.8	857.1	854.8	854.8
17.5°	877.7	877.7	889.1	891.4	896.0	873.1	859.3	859.3	866.2	866.2	861.6
20°	918.9	916.6	921.2	918.9	889.1	861.6	859.3	861.6	863.9	861.6	859.3
22.5°	957.9	953.3	946.4	937.3	884.6	859.3	854.8	843.3	831.8	831.8	825.0
25°	992.3	987.7	969.3	941.8	882.3	845.6	822.7	795.2	781.4	774.6	783.7
27.5°	1024.3	1015.2	990.0	941.8	861.6	808.9	765.4	731.0	719.6	710.4	719.6
30°	1067.9	1051.8	1017.5	935.0	829.6	751.6	692.1	650.8	639.4	625.6	630.2
32.5°	1106.8	1070.2	1040.4	914.3	788.3	687.5	618.7	577.5	556.9	545.4	554.6
35°	1148.1	1111.4	1049.5	882.3	724.1	609.6	540.8	501.9	485.8	469.8	469.8
37.5°	1189.3	1168.7	1063.3	822.7	646.2	536.2	474.4	444.6	417.1	387.3	387.3
40°	1276.4	1248.9	1079.3	753.9	568.3	465.2	421.7	382.7	355.2	313.9	311.7
42.5°	1368.1	1308.5	1079.3	671.4	499.6	414.8	373.5	332.3	281.9	256.7	258.9
45°	1484.9	1416.2	1049.5	598.1	430.8	373.5	327.7	275.0	252.1	236.0	236.0
47.5°	1631.6	1523.9	1012.9	517.9	375.8	336.9	279.6	247.5	231.5	217.7	215.4
50°	1805.8	1622.4	967.0	449.2	330.0	302.5	254.4	229.2	215.4	206.2	206.2
52.5°	1989.1	1766.8	935.0	387.3	293.3	256.7	236.0	220.0	208.5	201.7	199.4
55°	2174.7	1911.2	912.1	320.8	258.9	236.0	231.5	217.7	213.1	206.2	201.7
57.5°	2383.2	2030.3	907.5	275.0	231.5	226.9	236.0	224.6	217.7	210.8	204.0
60°	2607.8	2190.8	866.2	238.3	217.7	222.3	229.2	217.7	213.1	206.2	201.7
62.5°	2830.1	2309.9	753.9	210.8	204.0	208.5	217.7	208.5	201.7	204.0	206.2
65°	2921.8	2319.1	584.4	190.2	187.9	190.2	204.0	201.7	194.8	208.5	208.5
67.5°	2830.1	2236.6	412.5	171.9	171.9	183.3	206.2	210.8	204.0	222.3	220.0
70°	2621.6	2032.6	279.6	160.4	165.0	194.8	213.1	208.5	199.4	222.3	217.7
72.5°	2225.1	1627.0	204.0	149.0	155.8	185.6	210.8	206.2	199.4	208.5	199.4
75°	1670.6	1157.3	160.4	135.2	137.5	167.3	217.7	206.2	187.9	183.3	176.5
77.5°	1116.0	715.0	123.7	119.2	119.2	146.7	208.5	192.5	169.6	162.7	160.4
80°	531.6	286.4	98.5	100.8	103.1	126.0	190.2	171.9	153.5	144.4	144.4
82.5°	169.6	107.7	82.5	82.5	82.5	103.1	158.1	144.4	132.9	126.0	114.6
85°	59.6	59.6	71.0	73.3	66.5	75.6	130.6	123.7	110.0	91.7	89.4
87.5°	22.9	34.4	48.1	57.3	41.2	52.7	94.0	87.1	80.2	59.6	57.3
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)