

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: P671210

Luminaire Tested: **CCP-SA-2C-722-U-SL2**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P671210
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-SL2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ SL2
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6591.3 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

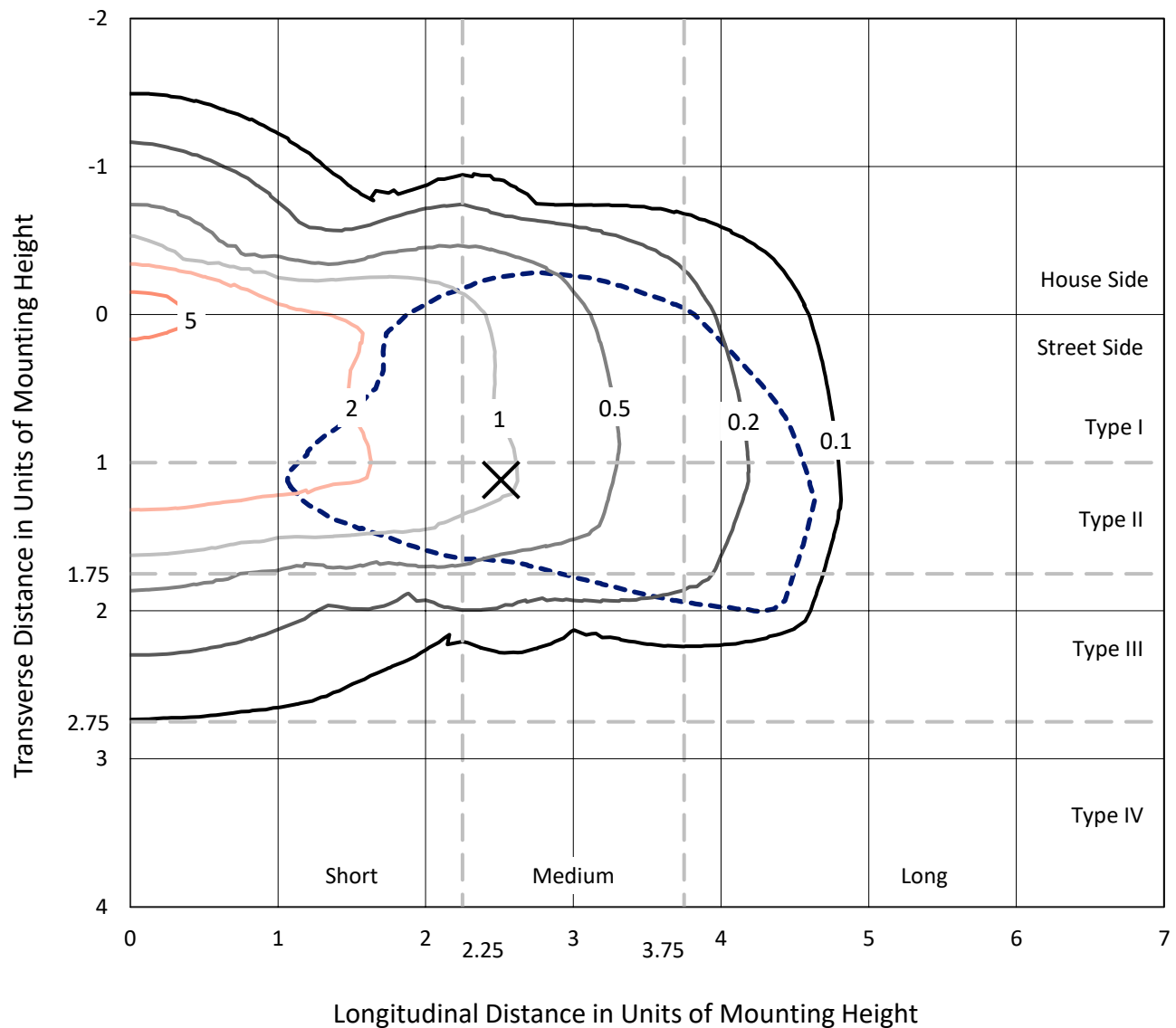
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

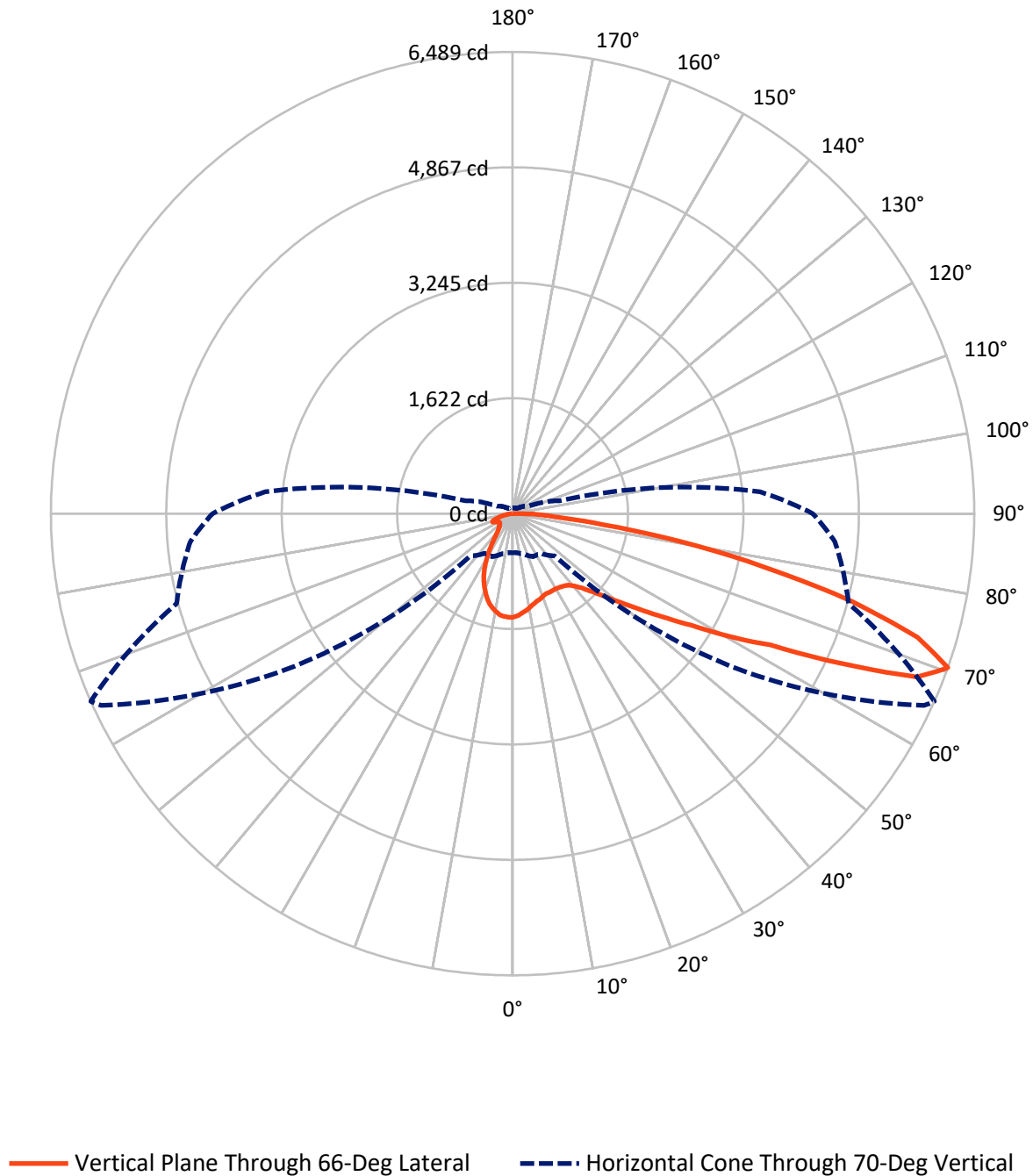
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.5 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	1349.2	0.0	1349.2
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	5242.2	0.0	5242.2
	% Fixture	79.5	0.0	79.5
Total	Lumens	6591.3	0.0	6591.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.8	2.0
10°-20°	317.0	4.8
20°-30°	435.3	6.6
30°-40°	583.7	8.9
40°-50°	846.9	12.8
50°-60°	1287.2	19.5
60°-70°	1589.8	24.1
70°-80°	1182.2	17.9
80°-90°	220.5	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°	6591.3	100.0
0°-180°	6591.3	100.0

Coefficient of Utilization



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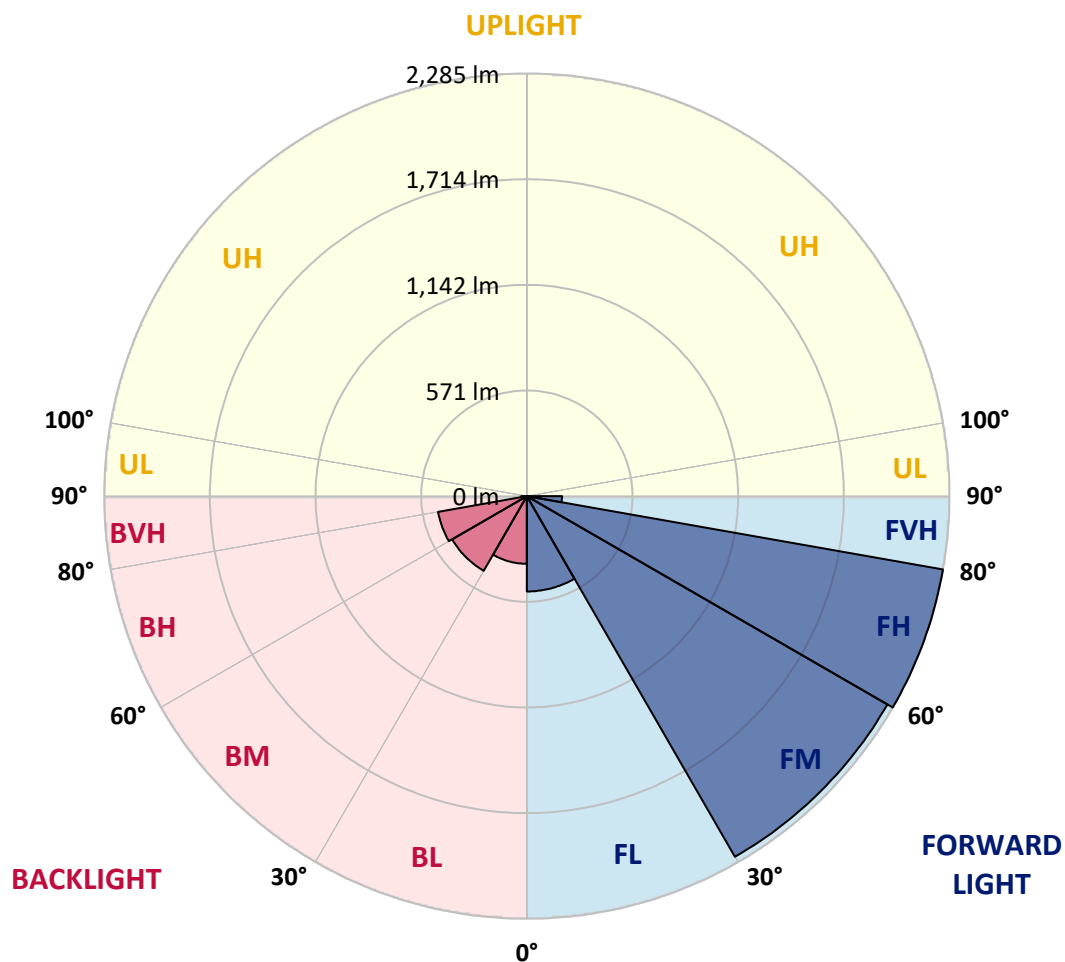
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	515.4	7.8			
FM	(30°-60°)	2251.7	34.2			
FH	(60°-80°)	2285.0	34.7			G2/5000
FVH	(80°-90°)	190.1	2.9			G2/225
BL	(0°-30°)	365.7	5.5	B1/500		
BM	(30°-60°)	466.0	7.1	B1/1000		
BH	(60°-80°)	487.0	7.4	B1/500		G1/500
BVH	(80°-90°)	30.4	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2
2.5°	1385.1	1392.5	1394.9	1399.8	1412.1	1421.9	1436.6	1444.0	1436.6	1446.4	1446.4
5°	1289.5	1279.7	1304.2	1314.0	1328.7	1348.4	1382.7	1409.6	1402.3	1431.7	1456.2
7.5°	1208.6	1208.6	1216.0	1238.0	1255.2	1284.6	1321.4	1363.1	1375.3	1414.5	1451.3
10°	1135.1	1144.9	1144.9	1179.2	1189.0	1223.3	1284.6	1336.1	1338.6	1404.7	1456.2
12.5°	1095.8	1090.9	1115.5	1125.3	1154.7	1189.0	1238.0	1301.8	1304.2	1375.3	1446.4
15°	1064.0	1068.9	1081.1	1105.7	1132.6	1159.6	1206.2	1265.0	1277.3	1360.6	1441.5
17.5°	1066.4	1068.9	1068.9	1086.0	1108.1	1140.0	1184.1	1252.7	1260.1	1341.0	1434.2
20°	1081.1	1071.3	1078.7	1086.0	1100.7	1130.2	1166.9	1225.8	1233.1	1338.6	1451.3
22.5°	1113.0	1105.7	1103.2	1100.7	1098.3	1115.5	1162.0	1211.1	1218.4	1326.3	1458.7
25°	1164.5	1162.0	1144.9	1127.7	1115.5	1115.5	1152.2	1223.3	1220.9	1326.3	1463.6
27.5°	1225.8	1225.8	1223.3	1191.5	1154.7	1135.1	1159.6	1218.4	1216.0	1326.3	1475.8
30°	1309.1	1309.1	1301.8	1272.4	1206.2	1149.8	1164.5	1213.5	1220.9	1316.5	1466.0
32.5°	1399.8	1397.4	1404.7	1377.8	1309.1	1218.4	1193.9	1223.3	1230.7	1326.3	1468.5
35°	1466.0	1480.7	1505.3	1480.7	1412.1	1289.5	1235.6	1242.9	1247.8	1328.7	1478.3
37.5°	1542.0	1559.2	1593.5	1613.1	1539.6	1397.4	1301.8	1274.8	1274.8	1360.6	1480.7
40°	1652.4	1635.2	1694.0	1728.3	1698.9	1529.8	1404.7	1333.6	1336.1	1402.3	1512.6
42.5°	1733.3	1750.4	1811.7	1873.0	1836.2	1691.6	1517.5	1429.3	1429.3	1463.6	1561.6
45°	1824.0	1843.6	1929.4	2002.9	2029.9	1885.2	1672.0	1566.5	1561.6	1583.7	1649.9
47.5°	1924.5	1951.4	2049.5	2135.3	2206.4	2086.3	1870.5	1733.3	1730.8	1748.0	1797.0
50°	2039.7	2049.5	2130.4	2287.3	2429.5	2353.5	2113.2	1968.6	1956.3	1963.7	2029.9
52.5°	2074.0	2066.7	2159.8	2329.0	2588.8	2679.6	2444.2	2235.8	2230.9	2213.8	2299.6
55°	1949.0	1973.5	2064.2	2279.9	2718.8	3064.4	2807.0	2601.1	2557.0	2510.4	2613.4
57.5°	1698.9	1701.4	1804.3	2059.3	2618.3	3383.2	3422.4	2959.0	2961.5	2836.5	2954.1
60°	1321.4	1314.0	1394.9	1625.4	2331.4	3481.2	4094.1	3530.2	3505.7	3162.5	3270.4
62.5°	953.7	938.9	956.1	1090.9	1743.1	3331.7	4753.6	4170.1	4067.1	3495.9	3579.3
65°	784.5	791.9	799.2	806.6	978.2	2748.2	4957.1	5214.5	5077.2	3885.7	3920.0
67.5°	649.7	654.6	686.4	730.6	725.7	1622.9	4721.7	6180.4	6128.9	4368.7	4214.2
70°	551.6	549.1	585.9	666.8	679.1	843.3	3738.6	6379.0	6489.3	4888.4	4547.6
72.5°	441.3	446.2	478.1	585.9	666.8	711.0	2152.5	5952.4	5949.9	5288.0	4368.7
75°	316.3	316.3	360.4	485.4	644.8	703.6	1191.5	4832.0	4922.7	4969.3	3790.1
77.5°	208.4	218.2	252.5	362.8	605.5	688.9	755.1	3513.1	3625.9	3716.6	2900.2
80°	142.2	147.1	169.2	252.5	512.4	693.8	617.8	2363.3	2407.4	2052.0	1176.7
82.5°	85.8	88.3	112.8	176.5	367.7	659.5	581.0	1304.2	1277.3	620.2	338.3
85°	46.6	49.0	71.1	117.7	242.7	576.1	571.2	639.9	595.7	228.0	142.2
87.5°	17.2	17.2	31.9	58.8	139.7	394.7	497.7	380.0	355.5	115.2	66.2
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°	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2	1456.2
2.5°	1458.7	1458.7	1458.7	1458.7	1456.2	1446.4	1453.8	1451.3	1436.6	1439.1	1429.3
5°	1453.8	1466.0	1458.7	1448.9	1436.6	1407.2	1397.4	1390.0	1370.4	1363.1	1370.4
7.5°	1466.0	1456.2	1451.3	1434.2	1385.1	1358.2	1323.8	1282.2	1252.7	1245.4	1252.7
10°	1463.6	1463.6	1441.5	1392.5	1345.9	1267.5	1223.3	1149.8	1108.1	1095.8	1098.3
12.5°	1453.8	1461.1	1426.8	1348.4	1260.1	1164.5	1083.6	1005.1	931.6	902.2	897.3
15°	1463.6	1456.2	1394.9	1294.4	1171.8	1039.5	921.8	806.6	737.9	693.8	684.0
17.5°	1448.9	1441.5	1353.3	1220.9	1056.6	887.5	740.4	615.3	546.7	529.5	529.5
20°	1466.0	1419.5	1304.2	1132.6	936.5	720.8	554.1	460.9	443.7	443.7	448.6
22.5°	1463.6	1414.5	1262.6	1046.8	791.9	544.2	411.9	384.9	387.3	407.0	404.5
25°	1448.9	1404.7	1203.7	951.2	639.9	409.4	340.8	333.4	350.6	372.6	370.2
27.5°	1446.4	1377.8	1149.8	838.4	487.9	323.6	296.6	296.6	313.8	333.4	331.0
30°	1431.7	1355.7	1083.6	711.0	367.7	281.9	272.1	272.1	279.5	289.3	289.3
32.5°	1429.3	1326.3	1010.0	578.6	294.2	255.0	250.1	252.5	252.5	257.4	255.0
35°	1409.6	1287.1	934.0	448.6	255.0	240.3	235.3	232.9	232.9	230.4	230.4
37.5°	1402.3	1262.6	855.6	348.1	237.8	228.0	223.1	215.7	213.3	213.3	210.8
40°	1409.6	1238.0	779.6	281.9	223.1	218.2	210.8	201.0	198.6	198.6	198.6
42.5°	1436.6	1235.6	701.1	245.2	215.7	208.4	198.6	188.8	186.3	188.8	186.3
45°	1497.9	1255.2	625.1	228.0	205.9	198.6	186.3	179.0	176.5	179.0	179.0
47.5°	1598.4	1309.1	556.5	218.2	198.6	188.8	176.5	169.2	169.2	169.2	169.2
50°	1765.1	1412.1	490.3	210.8	193.7	181.4	169.2	159.4	156.9	156.9	159.4
52.5°	2015.2	1588.6	436.4	205.9	186.3	171.6	159.4	152.0	147.1	144.6	147.1
55°	2316.7	1846.0	419.2	201.0	176.5	164.3	152.0	142.2	137.3	137.3	134.8
57.5°	2640.3	2130.4	448.6	196.1	169.2	154.4	142.2	132.4	127.5	125.0	125.0
60°	2990.9	2466.3	556.5	193.7	161.8	144.6	132.4	125.0	117.7	115.2	115.2
62.5°	3309.6	2770.3	750.2	191.2	156.9	134.8	122.6	112.8	107.9	105.4	105.4
65°	3672.4	3108.6	938.9	201.0	154.4	127.5	112.8	103.0	98.1	95.6	95.6
67.5°	3988.7	3402.8	1049.3	225.5	161.8	117.7	100.5	93.2	90.7	88.3	88.3
70°	4219.1	3493.5	703.6	247.6	174.1	110.3	90.7	85.8	80.9	80.9	80.9
72.5°	3910.2	3118.4	416.8	232.9	164.3	103.0	80.9	76.0	73.5	73.5	71.1
75°	3343.9	2655.0	321.2	188.8	132.4	88.3	71.1	66.2	63.7	63.7	61.3
77.5°	2468.7	1902.4	237.8	149.5	103.0	71.1	61.3	58.8	56.4	53.9	53.9
80°	965.9	833.5	161.8	110.3	76.0	56.4	51.5	49.0	46.6	44.1	44.1
82.5°	299.1	252.5	93.2	73.5	53.9	44.1	41.7	39.2	36.8	34.3	34.3
85°	129.9	125.0	61.3	46.6	36.8	29.4	29.4	27.0	24.5	22.1	22.1
87.5°	63.7	61.3	34.3	22.1	19.6	14.7	14.7	12.3	9.8	9.8	9.8
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)