

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: P675518

Luminaire Tested: **CCW-SA-2C-722-U-SL3**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P675518
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-2C-722-U-SL3
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
SL3 distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

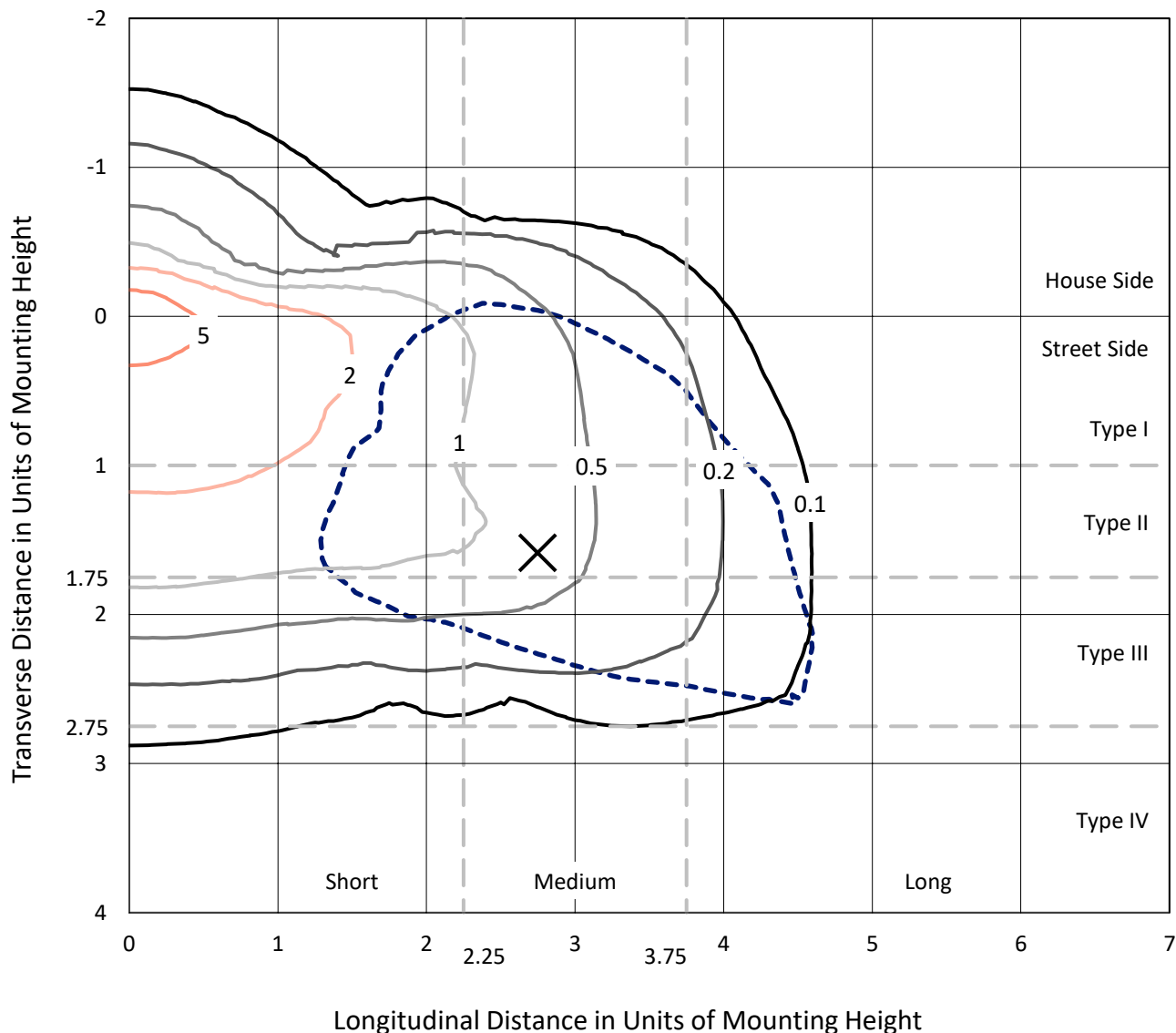
Lumens per Lamp: N/A
Luminaire Lumens: 6585 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (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

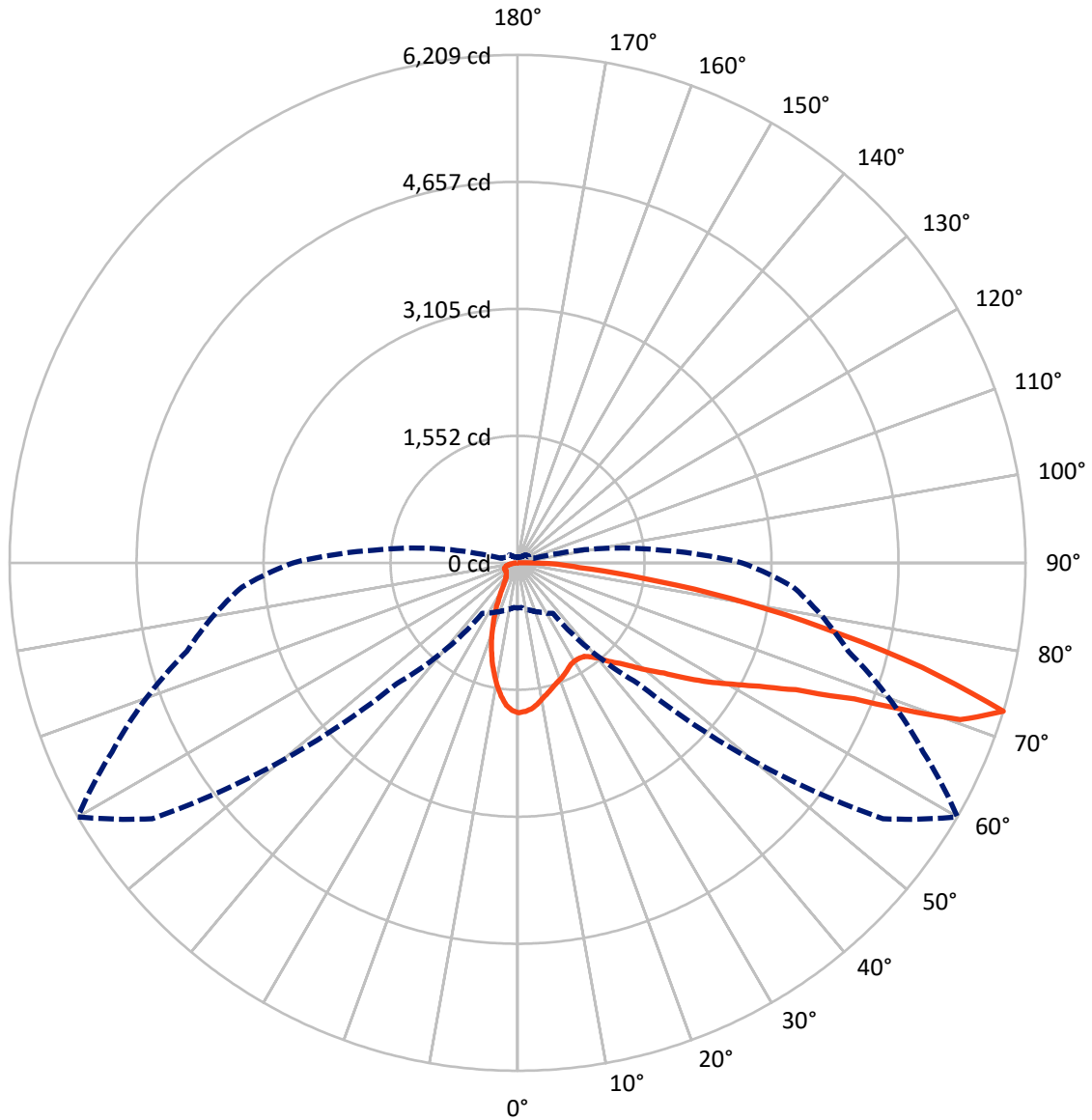
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 8.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1131.2	0.0	1131.2
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	5453.8	0.0	5453.8
	% Fixture	82.8	0.0	82.8
Total	Lumens	6585.0	0.0	6585.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.9	2.4
10°-20°	360.4	5.5
20°-30°	461.2	7.0
30°-40°	590.0	9.0
40°-50°	809.2	12.3
50°-60°	1170.5	17.8
60°-70°	1605.7	24.4
70°-80°	1204.9	18.3
80°-90°	224.0	3.4
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°	6585.0	100.0
0°-180°	6585.0	100.0

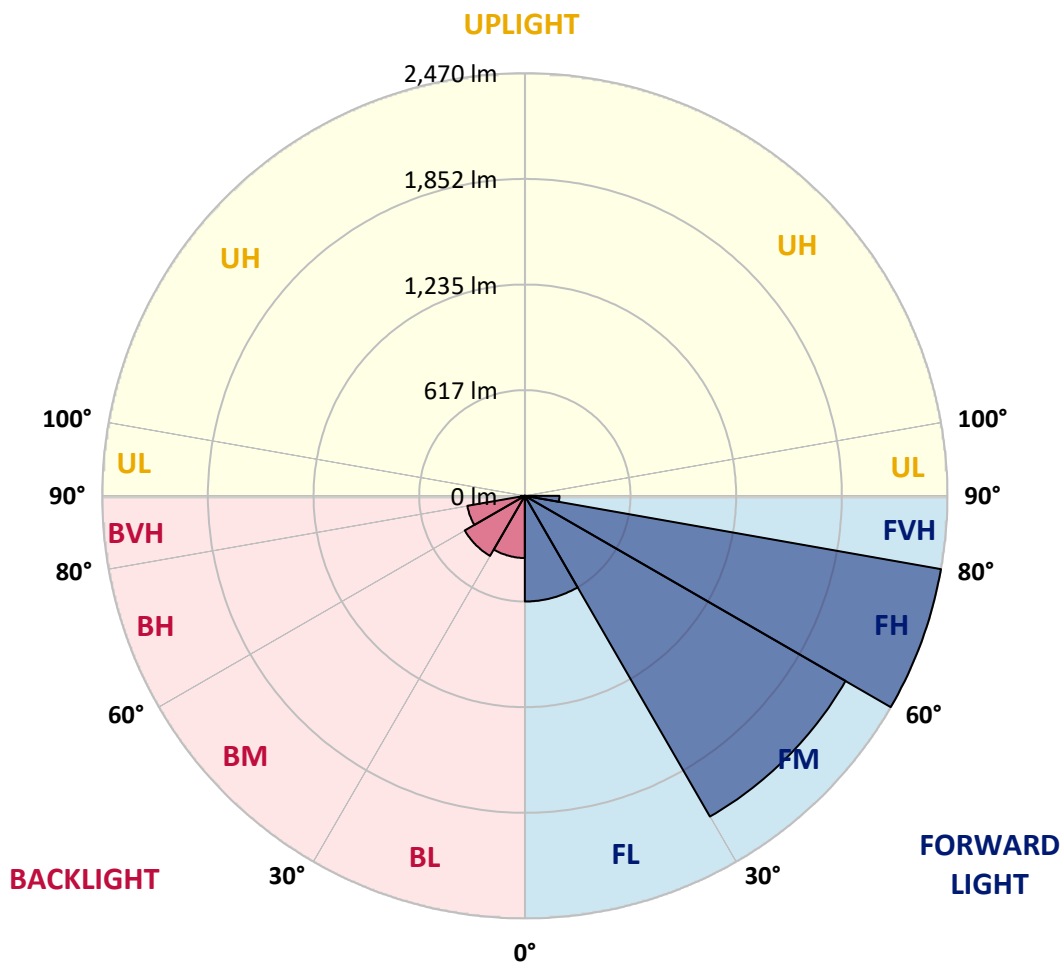


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	617.4	9.4			
FM (30°-60°)	2164.4	32.9			
FH (60°-80°)	2469.8	37.5			G2/5000
FVH (80°-90°)	202.1	3.1			G2/225
BL (0°-30°)	363.1	5.5	B1/500		
BM (30°-60°)	405.4	6.2	B1/1000		
BH (60°-80°)	340.9	5.2	B1/500		G1/500
BVH (80°-90°)	21.8	0.3			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°	60°	65°	75°	85°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1794.4	1811.5	1816.4	1816.4	1831.1	1814.0	1838.5	1818.9	1823.8	1831.1	1826.2
5°	1708.6	1738.0	1720.8	1752.7	1740.4	1762.5	1791.9	1791.9	1784.6	1799.3	1787.0
7.5°	1625.2	1615.4	1644.8	1644.8	1664.5	1693.9	1718.4	1742.9	1745.3	1750.2	1747.8
10°	1512.5	1524.7	1539.4	1559.0	1583.6	1613.0	1664.5	1684.1	1689.0	1718.4	1711.0
12.5°	1419.3	1436.5	1446.3	1485.5	1507.6	1549.2	1608.1	1635.0	1637.5	1679.2	1679.2
15°	1350.7	1360.5	1382.5	1397.3	1446.3	1505.1	1561.5	1586.0	1613.0	1657.1	1644.8
17.5°	1304.1	1316.4	1326.2	1345.8	1392.4	1441.4	1529.6	1544.3	1576.2	1639.9	1625.2
20°	1277.1	1279.6	1294.3	1306.6	1348.2	1394.8	1473.2	1512.5	1554.1	1610.5	1595.8
22.5°	1282.0	1272.2	1269.8	1286.9	1294.3	1338.4	1434.0	1475.7	1534.5	1600.7	1576.2
25°	1291.9	1294.3	1289.4	1274.7	1277.1	1316.4	1380.1	1434.0	1500.2	1598.3	1549.2
27.5°	1316.4	1328.6	1309.0	1294.3	1279.6	1294.3	1360.5	1399.7	1473.2	1610.5	1546.8
30°	1340.9	1353.1	1348.2	1326.2	1296.8	1291.9	1338.4	1387.5	1458.5	1620.3	1546.8
32.5°	1377.6	1394.8	1377.6	1385.0	1350.7	1328.6	1345.8	1389.9	1473.2	1654.6	1549.2
35°	1419.3	1434.0	1438.9	1421.8	1414.4	1372.7	1382.5	1404.6	1488.0	1693.9	1573.8
37.5°	1465.9	1483.1	1497.8	1500.2	1475.7	1451.2	1446.3	1458.5	1524.7	1762.5	1600.7
40°	1497.8	1507.6	1537.0	1561.5	1568.9	1534.5	1532.1	1532.1	1590.9	1823.8	1649.7
42.5°	1551.7	1546.8	1588.5	1632.6	1644.8	1625.2	1630.1	1649.7	1684.1	1912.0	1728.2
45°	1578.7	1573.8	1622.8	1696.3	1752.7	1742.9	1747.8	1755.2	1787.0	2051.8	1860.6
47.5°	1615.4	1620.3	1691.4	1774.8	1833.6	1867.9	1894.9	1892.4	1916.9	2193.9	2007.6
50°	1652.2	1662.0	1747.8	1836.0	1939.0	1997.8	2037.1	2064.0	2088.5	2343.5	2176.8
52.5°	1723.3	1733.1	1828.7	1924.3	2056.7	2142.5	2240.5	2238.1	2240.5	2493.0	2345.9
55°	1826.2	1828.7	1885.1	1995.4	2174.3	2331.2	2466.0	2480.7	2439.1	2679.3	2539.6
57.5°	1943.9	1953.7	2002.7	2086.1	2267.5	2512.6	2718.5	2747.9	2635.2	2831.3	2716.1
60°	2054.2	2061.6	2137.6	2233.2	2429.3	2740.6	2973.5	3007.8	2885.2	3017.6	2899.9
62.5°	1929.2	1966.0	2100.8	2319.0	2713.6	3086.2	3297.0	3319.1	3127.9	3206.3	3096.0
65°	1544.3	1568.9	1762.5	2115.5	2733.2	3713.8	3797.1	3738.3	3461.3	3449.0	3392.6
67.5°	860.4	880.0	1012.4	1382.5	2301.8	3949.1	4873.2	4441.8	3978.5	3814.3	3794.7
70°	679.0	683.9	701.1	777.1	1277.1	3480.9	5721.4	5741.0	4824.2	4316.8	3880.5
72.5°	551.5	549.1	600.6	666.8	755.0	2088.5	5454.2	6209.2	5471.4	4184.4	3380.4
75°	421.6	429.0	495.2	590.8	691.3	983.0	4069.2	5108.6	5125.7	3900.1	2850.9
77.5°	321.1	323.6	397.1	522.1	676.6	693.7	2654.8	3806.9	3824.1	3020.0	1571.3
80°	240.2	240.2	301.5	441.2	659.4	639.8	1635.0	2640.1	2390.0	1061.4	343.2
82.5°	137.3	147.1	201.0	335.8	598.1	615.3	921.7	1512.5	1009.9	289.3	159.3
85°	73.5	76.0	122.6	225.5	492.7	588.3	703.5	752.6	402.0	154.4	73.5
87.5°	27.0	27.0	56.4	115.2	311.3	436.3	558.9	480.5	230.4	71.1	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



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6	1833.6
2.5°	1831.1	1821.3	1814.0	1821.3	1794.4	1782.1	1796.8	1789.5	1774.8	1767.4	1762.5
5°	1794.4	1782.1	1769.9	1762.5	1733.1	1703.7	1689.0	1659.5	1635.0	1642.4	1627.7
7.5°	1755.2	1742.9	1706.1	1671.8	1613.0	1554.1	1527.2	1485.5	1470.8	1458.5	1451.2
10°	1706.1	1684.1	1627.7	1559.0	1473.2	1407.1	1338.4	1289.4	1237.9	1215.9	1223.2
12.5°	1644.8	1632.6	1544.3	1438.9	1318.8	1208.5	1127.6	1049.2	980.5	943.8	934.0
15°	1617.9	1581.1	1453.6	1313.9	1161.9	1024.7	904.5	767.3	686.4	647.2	647.2
17.5°	1588.5	1519.8	1367.8	1176.6	1002.6	826.1	657.0	531.9	468.2	446.1	446.1
20°	1541.9	1465.9	1267.3	1046.7	835.9	622.6	470.7	402.0	382.4	367.7	370.2
22.5°	1507.6	1414.4	1174.2	919.2	661.9	463.3	370.2	348.1	340.7	335.8	338.3
25°	1468.3	1353.1	1076.1	782.0	519.7	365.2	321.1	311.3	316.2	318.7	318.7
27.5°	1436.5	1301.7	975.6	634.9	392.2	308.9	289.3	286.8	296.6	301.5	304.0
30°	1414.4	1255.1	877.6	500.1	313.8	274.5	264.7	264.7	277.0	281.9	284.4
32.5°	1392.4	1215.9	772.2	382.4	267.2	245.1	242.7	245.1	252.5	252.5	254.9
35°	1399.7	1179.1	671.7	308.9	240.2	225.5	225.5	225.5	228.0	230.4	230.4
37.5°	1414.4	1169.3	563.8	259.8	220.6	210.8	210.8	208.4	210.8	208.4	210.8
40°	1429.1	1154.6	465.8	230.4	208.4	201.0	198.6	193.7	191.2	191.2	193.7
42.5°	1490.4	1174.2	382.4	210.8	198.6	193.7	186.3	181.4	178.9	178.9	178.9
45°	1568.9	1211.0	316.2	201.0	191.2	178.9	174.0	171.6	166.7	169.1	171.6
47.5°	1686.5	1267.3	277.0	193.7	183.8	169.1	164.2	159.3	159.3	164.2	164.2
50°	1840.9	1360.5	252.5	186.3	176.5	161.8	154.4	152.0	152.0	159.3	159.3
52.5°	2007.6	1468.3	242.7	183.8	169.1	154.4	147.1	144.6	144.6	154.4	154.4
55°	2174.3	1600.7	250.0	183.8	164.2	147.1	139.7	134.8	137.3	144.6	144.6
57.5°	2358.2	1742.9	286.8	183.8	159.3	144.6	134.8	127.5	129.9	132.4	132.4
60°	2559.2	1929.2	350.5	183.8	156.9	139.7	127.5	117.7	117.7	120.1	120.1
62.5°	2762.6	2113.0	441.2	186.3	159.3	137.3	117.7	107.9	105.4	107.9	107.9
65°	3029.8	2407.2	531.9	186.3	166.7	132.4	110.3	98.1	95.6	95.6	98.1
67.5°	3404.9	2618.0	411.8	178.9	171.6	132.4	103.0	90.7	85.8	85.8	85.8
70°	3206.3	2208.6	262.3	166.7	164.2	137.3	98.1	83.3	78.4	76.0	76.0
72.5°	2745.5	1767.4	210.8	156.9	152.0	134.8	93.2	78.4	71.1	68.6	68.6
75°	2201.3	1394.8	183.8	142.2	132.4	112.8	85.8	71.1	66.2	61.3	61.3
77.5°	1078.6	583.4	139.7	125.0	112.8	85.8	76.0	66.2	58.8	53.9	53.9
80°	269.6	203.5	103.0	98.1	83.3	66.2	61.3	56.4	51.5	46.6	46.6
82.5°	144.6	120.1	73.5	66.2	56.4	46.6	46.6	44.1	41.7	36.8	34.3
85°	73.5	71.1	49.0	44.1	36.8	29.4	31.9	31.9	29.4	22.1	22.1
87.5°	39.2	39.2	24.5	19.6	17.2	14.7	14.7	14.7	12.3	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)