

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: P675440

Luminaire Tested: **CCW-SA-2C-760-U-SL2**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P675440
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-2C-760-U-SL2
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
SL2 distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

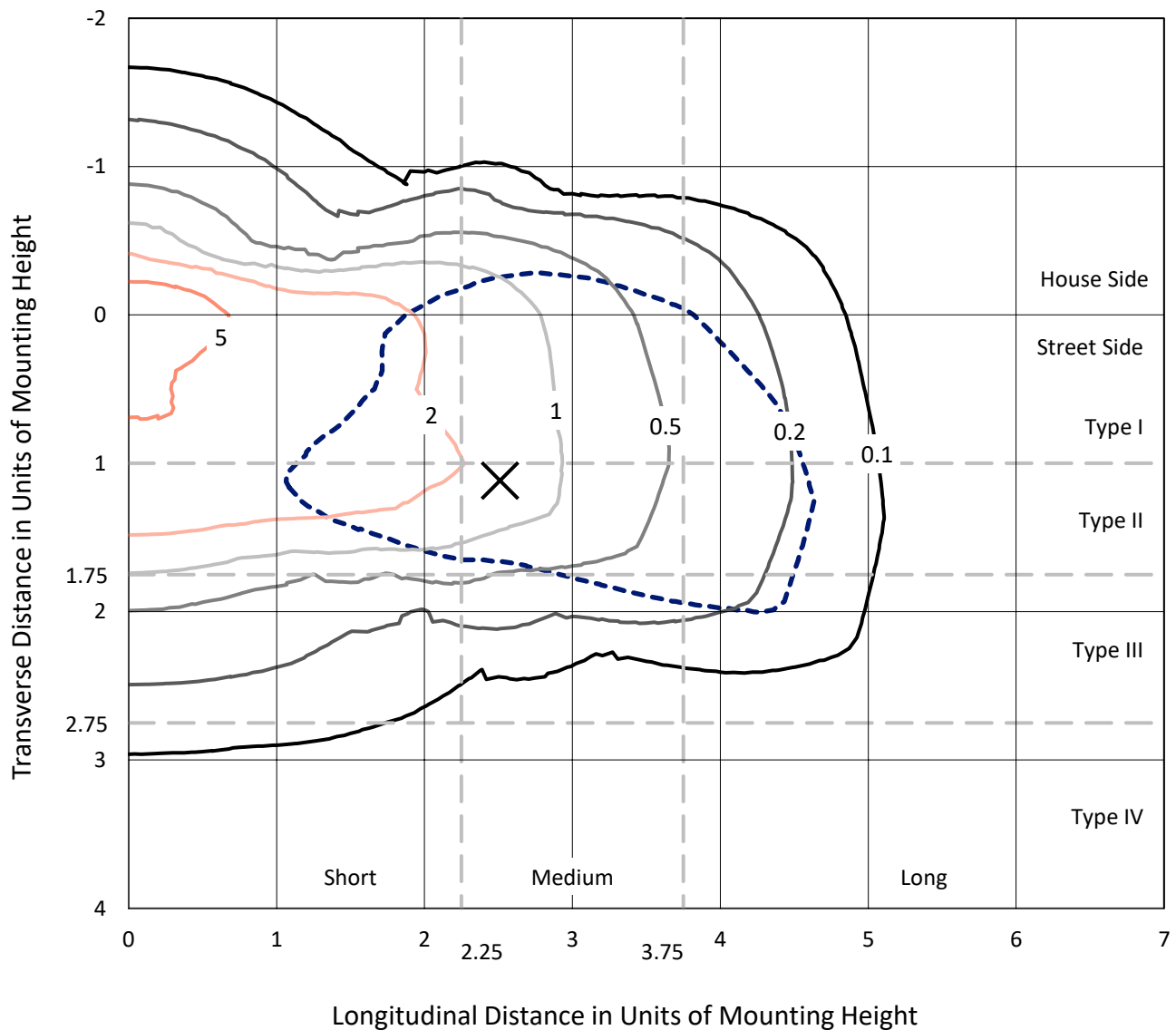
Lumens per Lamp: N/A
Luminaire Lumens: 9153.2 lumens
Efficiency: N/A
Efficacy: 147.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

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

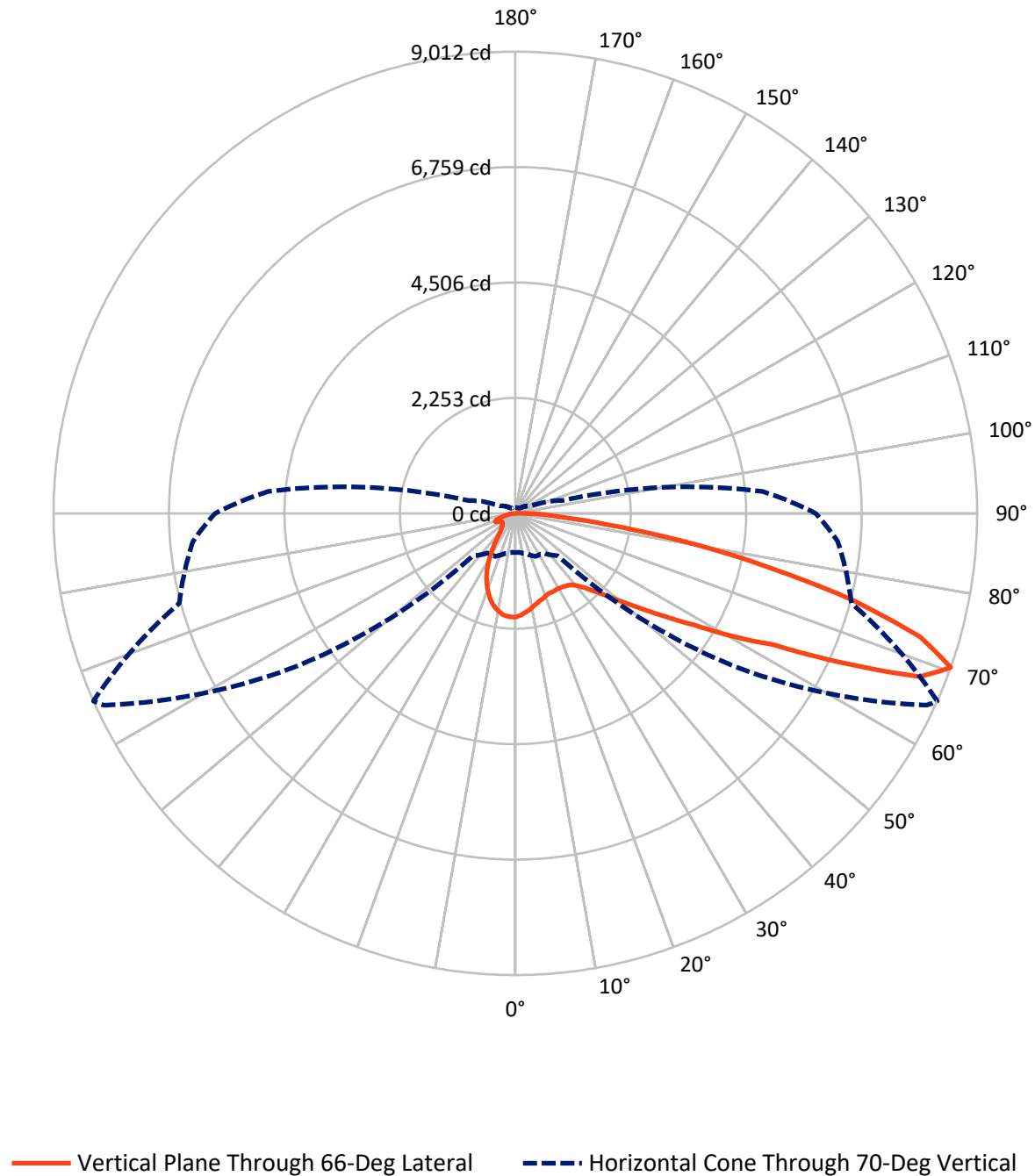
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 9 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	1873.5	0.0	1873.5
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	7279.7	0.0	7279.7
	% Fixture	79.5	0.0	79.5
Total	Lumens	9153.2	0.0	9153.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.8	2.0
10°-20°	440.2	4.8
20°-30°	604.5	6.6
30°-40°	810.5	8.9
40°-50°	1176.0	12.8
50°-60°	1787.5	19.5
60°-70°	2207.7	24.1
70°-80°	1641.7	17.9
80°-90°	306.2	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°	9153.2	100.0
0°-180°	9153.2	100.0

Coefficient of Utilization



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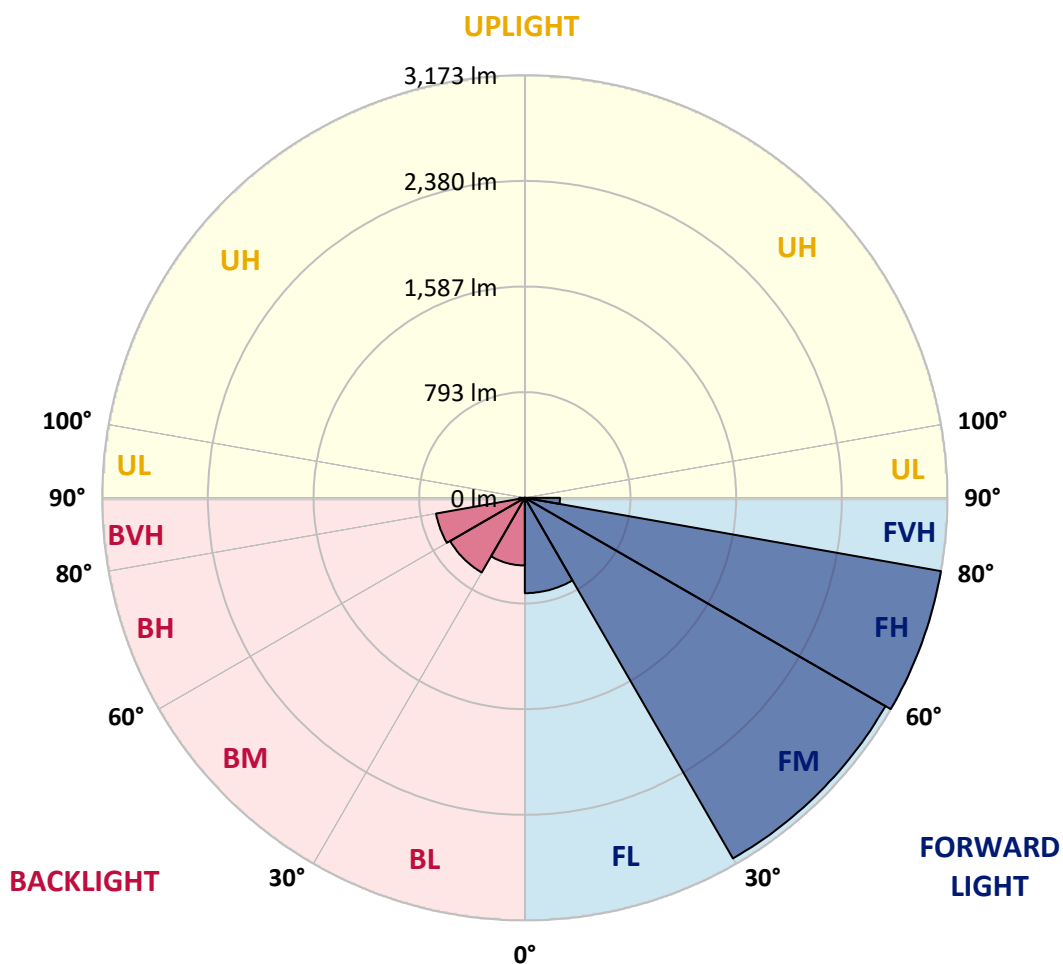
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	715.7	7.8			
FM	(30°-60°)	3126.9	34.2			
FH	(60°-80°)	3173.1	34.7			G2/5000
FVH	(80°-90°)	264.0	2.9			G3/500
BL	(0°-30°)	507.8	5.5	B2/1000		
BM	(30°-60°)	647.2	7.1	B1/1000		
BH	(60°-80°)	676.3	7.4	B2/1000		G2/1000
BVH	(80°-90°)	42.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2
2.5°	1923.5	1933.7	1937.1	1943.9	1960.9	1974.6	1995.0	2005.2	1995.0	2008.6	2008.6
5°	1790.7	1777.1	1811.2	1824.8	1845.2	1872.4	1920.1	1957.5	1947.3	1988.2	2022.2
7.5°	1678.4	1678.4	1688.6	1719.2	1743.1	1783.9	1835.0	1892.9	1909.9	1964.4	2015.4
10°	1576.2	1589.9	1589.9	1637.5	1651.1	1698.8	1783.9	1855.4	1858.8	1950.7	2022.2
12.5°	1521.8	1515.0	1549.0	1562.6	1603.5	1651.1	1719.2	1807.7	1811.2	1909.9	2008.6
15°	1477.5	1484.3	1501.4	1535.4	1572.8	1610.3	1675.0	1756.7	1773.7	1889.5	2001.8
17.5°	1480.9	1484.3	1484.3	1508.2	1538.8	1583.1	1644.3	1739.7	1749.9	1862.2	1991.6
20°	1501.4	1487.7	1497.9	1508.2	1528.6	1569.4	1620.5	1702.2	1712.4	1858.8	2015.4
22.5°	1545.6	1535.4	1532.0	1528.6	1525.2	1549.0	1613.7	1681.8	1692.0	1841.8	2025.6
25°	1617.1	1613.7	1589.9	1566.0	1549.0	1549.0	1600.1	1698.8	1695.4	1841.8	2032.4
27.5°	1702.2	1702.2	1698.8	1654.6	1603.5	1576.2	1610.3	1692.0	1688.6	1841.8	2049.5
30°	1818.0	1818.0	1807.7	1766.9	1675.0	1596.7	1617.1	1685.2	1695.4	1828.2	2035.8
32.5°	1943.9	1940.5	1950.7	1913.3	1818.0	1692.0	1658.0	1698.8	1709.0	1841.8	2039.3
35°	2035.8	2056.3	2090.3	2056.3	1960.9	1790.7	1715.8	1726.0	1732.9	1845.2	2052.9
37.5°	2141.4	2165.2	2212.9	2240.1	2138.0	1940.5	1807.7	1770.3	1770.3	1889.5	2056.3
40°	2294.6	2270.8	2352.5	2400.1	2359.3	2124.4	1950.7	1852.0	1855.4	1947.3	2100.5
42.5°	2406.9	2430.8	2515.9	2601.0	2549.9	2349.1	2107.3	1984.8	1984.8	2032.4	2168.6
45°	2532.9	2560.1	2679.3	2781.4	2818.9	2618.0	2321.8	2175.4	2168.6	2199.3	2291.2
47.5°	2672.5	2709.9	2846.1	2965.3	3064.0	2897.2	2597.6	2406.9	2403.5	2427.4	2495.4
50°	2832.5	2846.1	2958.4	3176.3	3373.8	3268.2	2934.6	2733.8	2716.7	2726.9	2818.9
52.5°	2880.1	2869.9	2999.3	3234.2	3595.1	3721.0	3394.2	3104.8	3098.0	3074.2	3193.4
55°	2706.5	2740.6	2866.5	3166.1	3775.5	4255.5	3898.1	3612.1	3550.8	3486.1	3629.1
57.5°	2359.3	2362.7	2505.7	2859.7	3635.9	4698.1	4752.6	4109.1	4112.5	3938.9	4102.3
60°	1835.0	1824.8	1937.1	2257.1	3237.6	4834.3	5685.4	4902.4	4868.3	4391.7	4541.5
62.5°	1324.3	1303.9	1327.7	1515.0	2420.5	4626.6	6601.2	5790.9	5647.9	4854.7	4970.5
65°	1089.4	1099.6	1109.8	1120.1	1358.4	3816.4	6883.7	7241.2	7050.6	5396.0	5443.7
67.5°	902.2	909.0	953.2	1014.5	1007.7	2253.7	6556.9	8582.6	8511.1	6066.7	5852.2
70°	766.0	762.6	813.7	926.0	943.0	1171.1	5191.7	8858.3	9011.5	6788.4	6315.2
72.5°	612.8	619.6	663.9	813.7	926.0	987.3	2989.1	8265.9	8262.5	7343.3	6066.7
75°	439.2	439.2	500.5	674.1	895.4	977.1	1654.6	6710.1	6836.1	6900.8	5263.2
77.5°	289.4	303.0	350.7	503.9	840.9	956.6	1048.6	4878.5	5035.1	5161.1	4027.4
80°	197.5	204.3	234.9	350.7	711.5	963.5	857.9	3281.9	3343.1	2849.5	1634.1
82.5°	119.2	122.6	156.6	245.1	510.7	915.8	806.8	1811.2	1773.7	861.3	469.8
85°	64.7	68.1	98.7	163.4	337.0	800.0	793.2	888.6	827.3	316.6	197.5
87.5°	23.8	23.8	44.3	81.7	194.1	548.1	691.1	527.7	493.6	160.0	91.9
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°	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2	2022.2
2.5°	2025.6	2025.6	2025.6	2025.6	2022.2	2008.6	2018.8	2015.4	1995.0	1998.4	1984.8
5°	2018.8	2035.8	2025.6	2012.0	1995.0	1954.1	1940.5	1930.3	1903.1	1892.9	1903.1
7.5°	2035.8	2022.2	2015.4	1991.6	1923.5	1886.1	1838.4	1780.5	1739.7	1729.4	1739.7
10°	2032.4	2032.4	2001.8	1933.7	1869.0	1760.1	1698.8	1596.7	1538.8	1521.8	1525.2
12.5°	2018.8	2029.0	1981.4	1872.4	1749.9	1617.1	1504.8	1395.8	1293.7	1252.8	1246.0
15°	2032.4	2022.2	1937.1	1797.5	1627.3	1443.5	1280.1	1120.1	1024.7	963.5	949.8
17.5°	2012.0	2001.8	1879.2	1695.4	1467.3	1232.4	1028.1	854.5	759.2	735.4	735.4
20°	2035.8	1971.2	1811.2	1572.8	1300.5	1000.9	769.4	640.0	616.2	616.2	623.0
22.5°	2032.4	1964.4	1753.3	1453.7	1099.6	755.8	571.9	534.5	537.9	565.1	561.7
25°	2012.0	1950.7	1671.6	1320.9	888.6	568.5	473.2	463.0	486.8	517.5	514.1
27.5°	2008.6	1913.3	1596.7	1164.3	677.5	449.4	411.9	411.9	435.8	463.0	459.6
30°	1988.2	1882.6	1504.8	987.3	510.7	391.5	377.9	377.9	388.1	401.7	401.7
32.5°	1984.8	1841.8	1402.6	803.4	408.5	354.1	347.3	350.7	350.7	357.5	354.1
35°	1957.5	1787.3	1297.1	623.0	354.1	333.6	326.8	323.4	323.4	320.0	320.0
37.5°	1947.3	1753.3	1188.1	483.4	330.2	316.6	309.8	299.6	296.2	296.2	292.8
40°	1957.5	1719.2	1082.6	391.5	309.8	303.0	292.8	279.2	275.8	275.8	275.8
42.5°	1995.0	1715.8	973.7	340.4	299.6	289.4	275.8	262.1	258.7	262.1	258.7
45°	2080.1	1743.1	868.1	316.6	286.0	275.8	258.7	248.5	245.1	248.5	248.5
47.5°	2219.7	1818.0	772.8	303.0	275.8	262.1	245.1	234.9	234.9	234.9	234.9
50°	2451.2	1960.9	680.9	292.8	268.9	251.9	234.9	221.3	217.9	217.9	221.3
52.5°	2798.4	2206.1	606.0	286.0	258.7	238.3	221.3	211.1	204.3	200.9	204.3
55°	3217.2	2563.5	582.2	279.2	245.1	228.1	211.1	197.5	190.6	190.6	187.2
57.5°	3666.6	2958.4	623.0	272.4	234.9	214.5	197.5	183.8	177.0	173.6	173.6
60°	4153.4	3424.9	772.8	268.9	224.7	200.9	183.8	173.6	163.4	160.0	160.0
62.5°	4596.0	3847.0	1041.8	265.5	217.9	187.2	170.2	156.6	149.8	146.4	146.4
65°	5099.8	4316.8	1303.9	279.2	214.5	177.0	156.6	143.0	136.2	132.8	132.8
67.5°	5539.0	4725.3	1457.1	313.2	224.7	163.4	139.6	129.4	126.0	122.6	122.6
70°	5859.0	4851.3	977.1	343.8	241.7	153.2	126.0	119.2	112.3	112.3	112.3
72.5°	5430.1	4330.4	578.8	323.4	228.1	143.0	112.3	105.5	102.1	102.1	98.7
75°	4643.6	3687.0	446.0	262.1	183.8	122.6	98.7	91.9	88.5	88.5	85.1
77.5°	3428.3	2641.8	330.2	207.7	143.0	98.7	85.1	81.7	78.3	74.9	74.9
80°	1341.3	1157.5	224.7	153.2	105.5	78.3	71.5	68.1	64.7	61.3	61.3
82.5°	415.3	350.7	129.4	102.1	74.9	61.3	57.9	54.5	51.1	47.7	47.7
85°	180.4	173.6	85.1	64.7	51.1	40.9	40.9	37.4	34.0	30.6	30.6
87.5°	88.5	85.1	47.7	30.6	27.2	20.4	20.4	17.0	13.6	13.6	13.6
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)