

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: P670700

Luminaire Tested: **CCP-SA-2C-760-U-T2**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P670700
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-760-U-T2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T2 distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

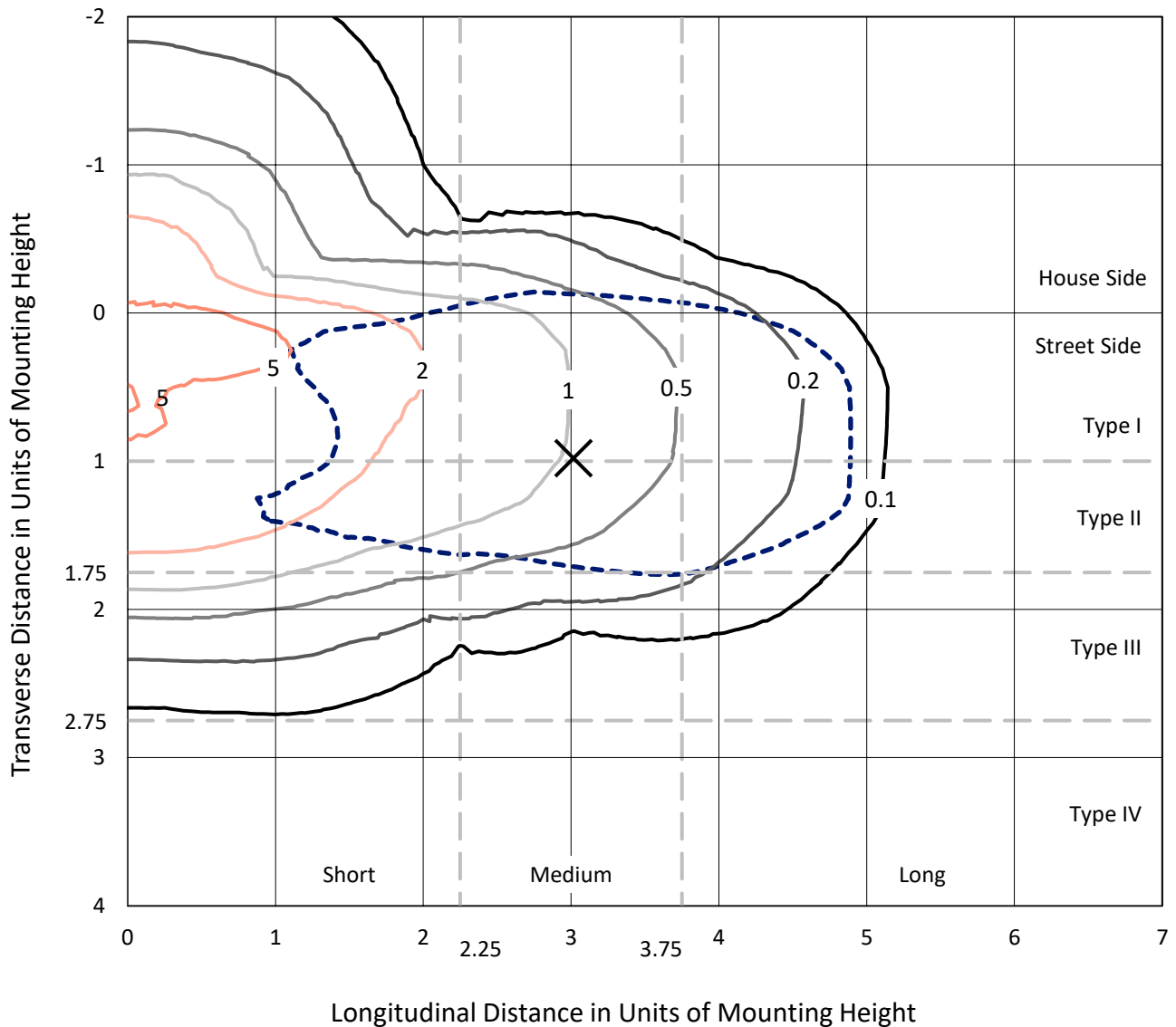
Lumens per Lamp: N/A
Luminaire Lumens: 9225.5 lumens
Efficiency: N/A
Efficacy: 148.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

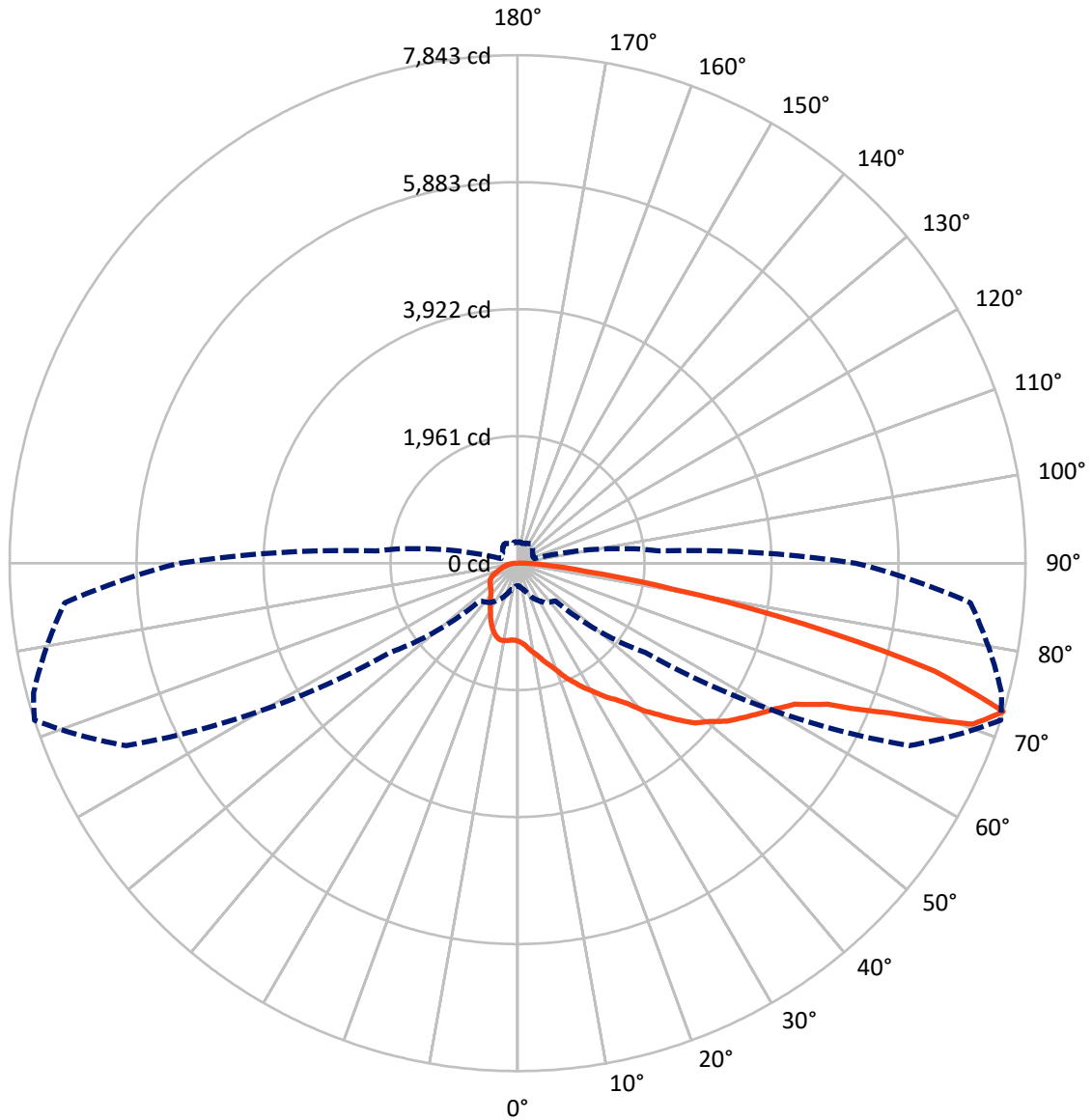
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 72-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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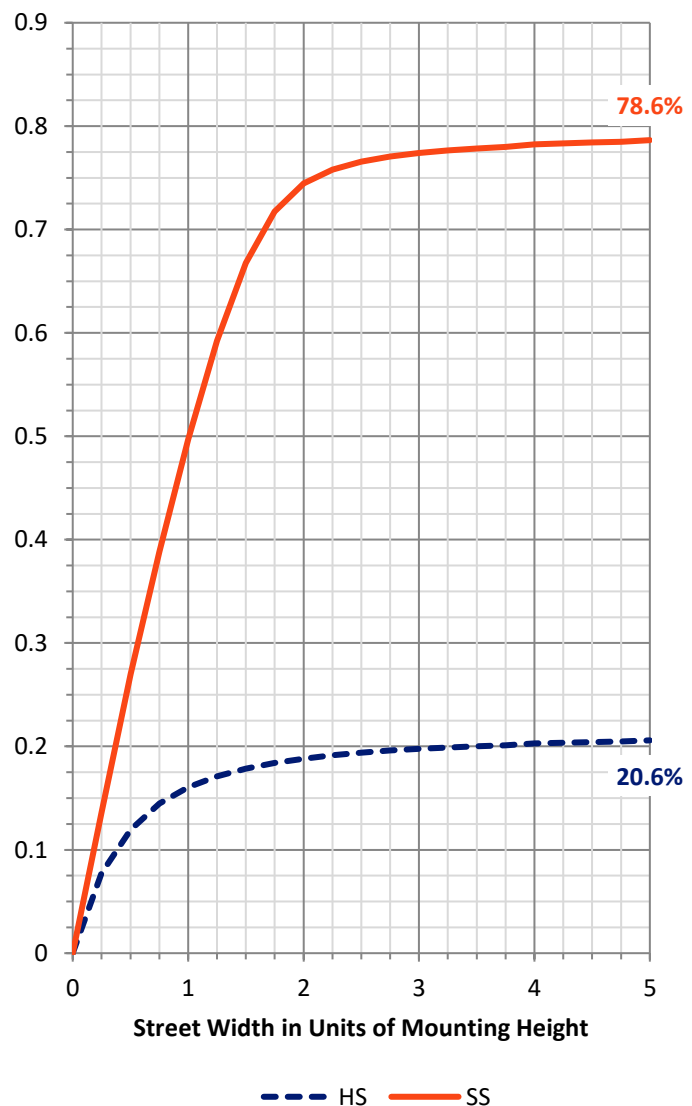
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1941.6	0.0	1941.6
	% Fixture	21.0	0.0	21.0
Street Side	Lumens	7283.9	0.0	7283.9
	% Fixture	79.0	0.0	79.0
Total	Lumens	9225.5	0.0	9225.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.1	1.3
10°-20°	370.2	4.0
20°-30°	640.6	6.9
30°-40°	946.3	10.3
40°-50°	1407.2	15.3
50°-60°	1929.1	20.9
60°-70°	2092.5	22.7
70°-80°	1475.3	16.0
80°-90°	245.1	2.7
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°	9225.5	100.0
0°-180°	9225.5	100.0



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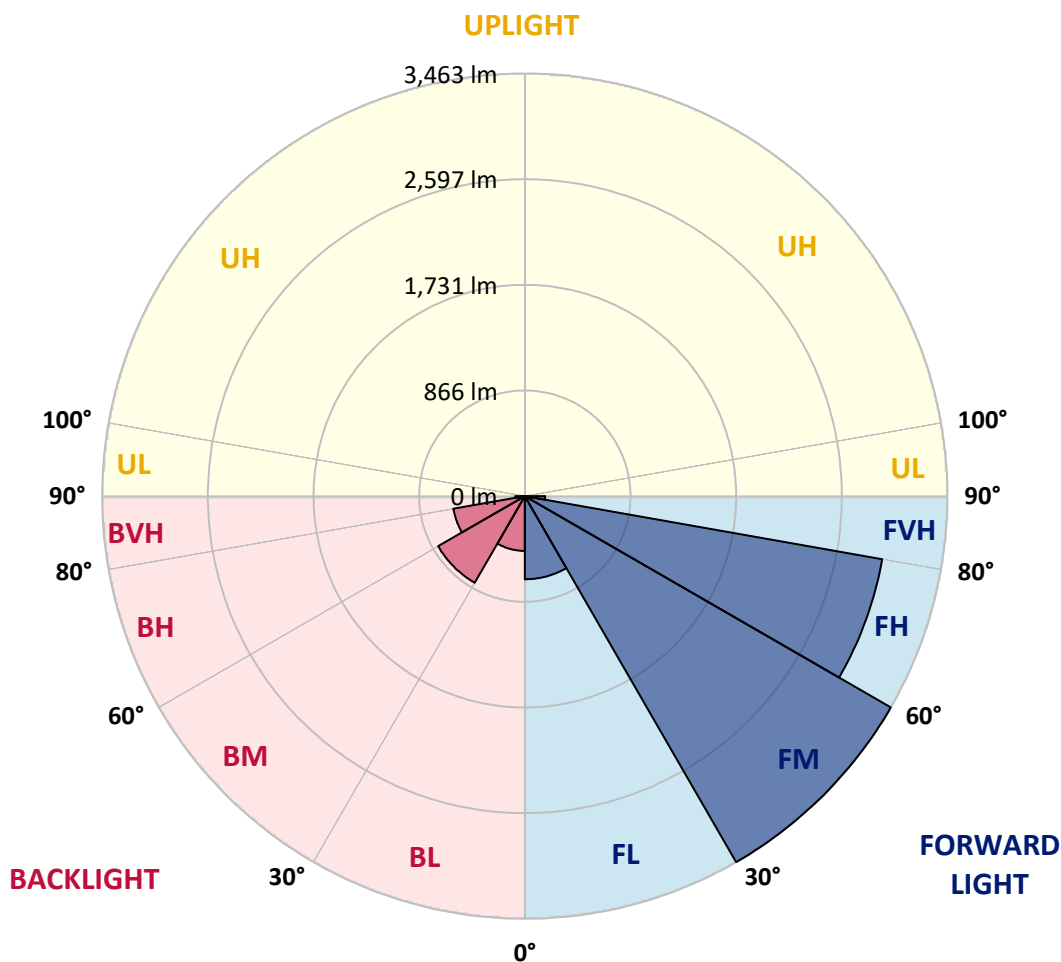
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	681.2	7.4			
FM (30°-60°)	3462.5	37.5			
FH (60°-80°)	2973.1	32.2			G2/5000
FVH (80°-90°)	167.1	1.8			G2/225
BL (0°-30°)	448.8	4.9	B1/500		
BM (30°-60°)	820.1	8.9	B1/1000		
BH (60°-80°)	594.7	6.4	B2/1000		G2/1000
BVH (80°-90°)	78.0	0.8			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1
2.5°	1300.4	1300.4	1290.2	1286.8	1286.8	1259.6	1263.0	1246.0	1232.3	1232.3	1218.7
5°	1368.5	1361.7	1361.7	1361.7	1344.7	1334.5	1331.1	1300.4	1276.6	1280.0	1239.1
7.5°	1385.5	1388.9	1392.3	1409.4	1399.1	1406.0	1399.1	1365.1	1348.1	1331.1	1293.6
10°	1395.7	1402.6	1402.6	1426.4	1426.4	1443.4	1453.6	1440.0	1409.4	1392.3	1331.1
12.5°	1419.6	1409.4	1423.0	1440.0	1457.0	1487.7	1518.3	1504.7	1484.3	1463.8	1395.7
15°	1419.6	1423.0	1433.2	1460.4	1487.7	1518.3	1572.8	1593.2	1583.0	1545.5	1474.0
17.5°	1378.7	1368.5	1416.2	1467.2	1518.3	1555.7	1627.2	1674.9	1668.1	1654.5	1545.5
20°	1382.1	1392.3	1409.4	1453.6	1535.3	1603.4	1691.9	1770.2	1787.2	1780.4	1640.9
22.5°	1443.4	1446.8	1463.8	1484.3	1548.9	1637.4	1770.2	1896.2	1926.8	1909.8	1746.4
25°	1504.7	1531.9	1531.9	1545.5	1569.4	1661.3	1821.3	1998.3	2042.6	2046.0	1855.3
27.5°	1603.4	1610.2	1630.6	1637.4	1657.9	1712.3	1879.1	2073.2	2175.3	2161.7	1954.0
30°	1719.1	1722.6	1736.2	1729.4	1732.8	1800.9	1933.6	2158.3	2297.9	2301.3	2059.6
32.5°	1855.3	1882.6	1889.4	1845.1	1851.9	1868.9	2018.7	2260.4	2451.1	2427.2	2151.5
35°	2056.2	2066.4	2046.0	2025.5	1974.5	1964.3	2107.2	2362.6	2583.8	2611.1	2287.7
37.5°	2304.7	2331.9	2304.7	2195.7	2141.3	2100.4	2216.2	2474.9	2743.8	2835.7	2423.8
40°	2536.2	2532.8	2505.5	2406.8	2311.5	2280.9	2372.8	2631.5	2992.3	3080.9	2621.3
42.5°	2723.4	2713.2	2696.2	2621.3	2532.8	2481.7	2553.2	2794.9	3200.0	3370.2	2849.4
45°	2886.8	2873.2	2876.6	2791.5	2706.4	2733.6	2733.6	2982.1	3445.1	3656.2	3111.5
47.5°	3040.0	3046.8	3036.6	2971.9	2907.2	2978.7	2941.3	3196.6	3686.8	3921.7	3332.8
50°	3217.0	3230.6	3196.6	3155.7	3097.9	3169.4	3121.7	3397.4	3843.4	4163.4	3598.3
52.5°	3383.8	3397.4	3428.1	3377.0	3319.2	3377.0	3268.1	3584.7	4051.1	4398.3	3802.6
55°	3424.7	3417.9	3588.1	3642.6	3673.2	3499.6	3397.4	3744.7	4214.5	4548.1	4034.0
57.5°	3237.4	3254.5	3486.0	3642.6	3969.4	3819.6	3543.8	3931.9	4384.7	4745.5	4248.5
60°	2771.1	2781.3	3070.6	3441.7	3918.3	4119.2	3938.7	4173.6	4571.9	4912.3	4490.2
62.5°	1851.9	1930.2	2291.1	2873.2	3557.4	4200.9	4568.5	4582.1	4800.0	5123.4	4820.4
65°	977.0	1014.5	1297.0	1766.8	2696.2	3918.3	5160.9	5392.3	5256.2	5511.5	5297.0
67.5°	640.0	653.6	806.8	1072.3	1555.7	2859.6	5228.9	6798.3	6171.9	6250.2	6059.6
70°	476.6	483.4	595.7	793.2	963.4	1528.5	4286.0	7455.3	7451.9	7244.3	6965.1
72.5°	350.6	360.9	439.1	606.0	742.1	823.8	2410.2	6668.9	7843.4	7737.9	7019.6
75°	275.7	282.6	323.4	469.8	599.1	541.3	1222.1	4939.6	6651.9	7159.2	6423.8
77.5°	224.7	231.5	255.3	340.4	480.0	418.7	585.5	3186.4	4510.6	5154.0	4915.7
80°	187.2	187.2	204.3	241.7	371.1	316.6	347.2	1790.6	2430.6	2682.6	2229.8
82.5°	160.0	156.6	170.2	177.0	275.7	228.1	224.7	810.2	1068.9	1133.6	837.4
85°	102.1	105.5	160.0	153.2	180.4	156.6	126.0	384.7	503.8	514.0	313.2
87.5°	40.9	40.9	68.1	85.1	102.1	95.3	61.3	173.6	221.3	221.3	88.5
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°	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1
2.5°	1215.3	1201.7	1191.5	1184.7	1167.7	1150.6	1154.0	1150.6	1137.0	1130.2	1130.2
5°	1228.9	1215.3	1198.3	1171.1	1154.0	1133.6	1140.4	1126.8	1113.2	1123.4	1106.4
7.5°	1263.0	1239.1	1215.3	1174.5	1147.2	1116.6	1103.0	1096.2	1086.0	1079.1	1079.1
10°	1310.6	1276.6	1232.3	1171.1	1126.8	1079.1	1072.3	1058.7	1048.5	1048.5	1045.1
12.5°	1358.3	1320.9	1246.0	1147.2	1072.3	1038.3	1034.9	1038.3	1045.1	1048.5	1051.9
15°	1419.6	1358.3	1242.6	1103.0	1028.1	1014.5	1031.5	1045.1	1058.7	1072.3	1068.9
17.5°	1477.4	1406.0	1211.9	1048.5	990.6	994.0	1024.7	1051.9	1079.1	1092.8	1096.2
20°	1555.7	1450.2	1167.7	983.8	953.2	983.8	1024.7	1058.7	1089.4	1106.4	1109.8
22.5°	1644.3	1501.3	1109.8	926.0	922.6	953.2	994.0	1045.1	1079.1	1109.8	1106.4
25°	1722.6	1535.3	1034.9	878.3	885.1	905.5	953.2	1007.7	1041.7	1075.7	1065.5
27.5°	1773.6	1542.1	956.6	844.3	844.3	864.7	908.9	943.0	973.6	1000.9	1004.3
30°	1831.5	1528.5	868.1	800.0	800.0	827.2	844.3	864.7	881.7	888.5	895.3
32.5°	1899.6	1497.9	813.6	766.0	766.0	786.4	796.6	789.8	786.4	769.4	779.6
35°	1964.3	1453.6	752.3	721.7	735.3	745.5	742.1	721.7	701.3	670.6	660.4
37.5°	2042.6	1409.4	697.9	674.0	697.9	701.3	701.3	677.4	650.2	612.8	612.8
40°	2161.7	1375.3	653.6	643.4	667.2	663.8	646.8	629.8	640.0	619.6	619.6
42.5°	2287.7	1361.7	612.8	616.2	626.4	629.8	612.8	592.3	633.2	609.4	612.8
45°	2444.3	1371.9	585.5	582.1	606.0	602.6	592.3	575.3	588.9	527.7	510.6
47.5°	2590.6	1392.3	571.9	558.3	585.5	592.3	578.7	541.3	520.9	483.4	476.6
50°	2723.4	1436.6	558.3	531.1	558.3	571.9	548.1	507.2	483.4	459.6	459.6
52.5°	2849.4	1501.3	551.5	500.4	524.3	541.3	527.7	486.8	459.6	449.4	439.1
55°	2978.7	1559.1	541.3	480.0	486.8	520.9	517.4	463.0	435.7	435.7	432.3
57.5°	3162.6	1637.4	527.7	446.0	459.6	497.0	497.0	452.8	422.1	425.5	428.9
60°	3349.8	1729.4	514.0	411.9	422.1	473.2	480.0	439.1	411.9	415.3	411.9
62.5°	3649.4	1899.6	486.8	371.1	391.5	442.6	459.6	422.1	398.3	405.1	405.1
65°	4102.1	2192.3	428.9	337.0	360.9	415.3	439.1	405.1	377.9	398.3	391.5
67.5°	4830.6	2594.0	360.9	309.8	340.4	388.1	415.3	384.7	360.9	391.5	381.3
70°	5484.3	2791.5	309.8	286.0	309.8	357.4	388.1	364.3	340.4	371.1	357.4
72.5°	5218.7	2188.9	268.9	258.7	282.6	323.4	360.9	337.0	313.2	330.2	316.6
75°	4503.8	1743.0	234.9	231.5	251.9	292.8	330.2	313.2	289.4	296.2	289.4
77.5°	3414.5	1440.0	200.9	197.4	214.5	262.1	296.2	282.6	258.7	255.3	255.3
80°	1525.1	708.1	166.8	166.8	177.0	224.7	251.9	245.1	221.3	217.9	214.5
82.5°	500.4	268.9	136.2	129.4	143.0	187.2	224.7	217.9	194.0	187.2	180.4
85°	200.9	129.4	98.7	98.7	112.3	156.6	200.9	187.2	156.6	139.6	139.6
87.5°	68.1	54.5	51.1	51.1	71.5	105.5	149.8	126.0	112.3	98.7	102.1
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)