

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: P674710

Luminaire Tested: **CCP-SA-2C-740-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674710
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-740-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (32) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

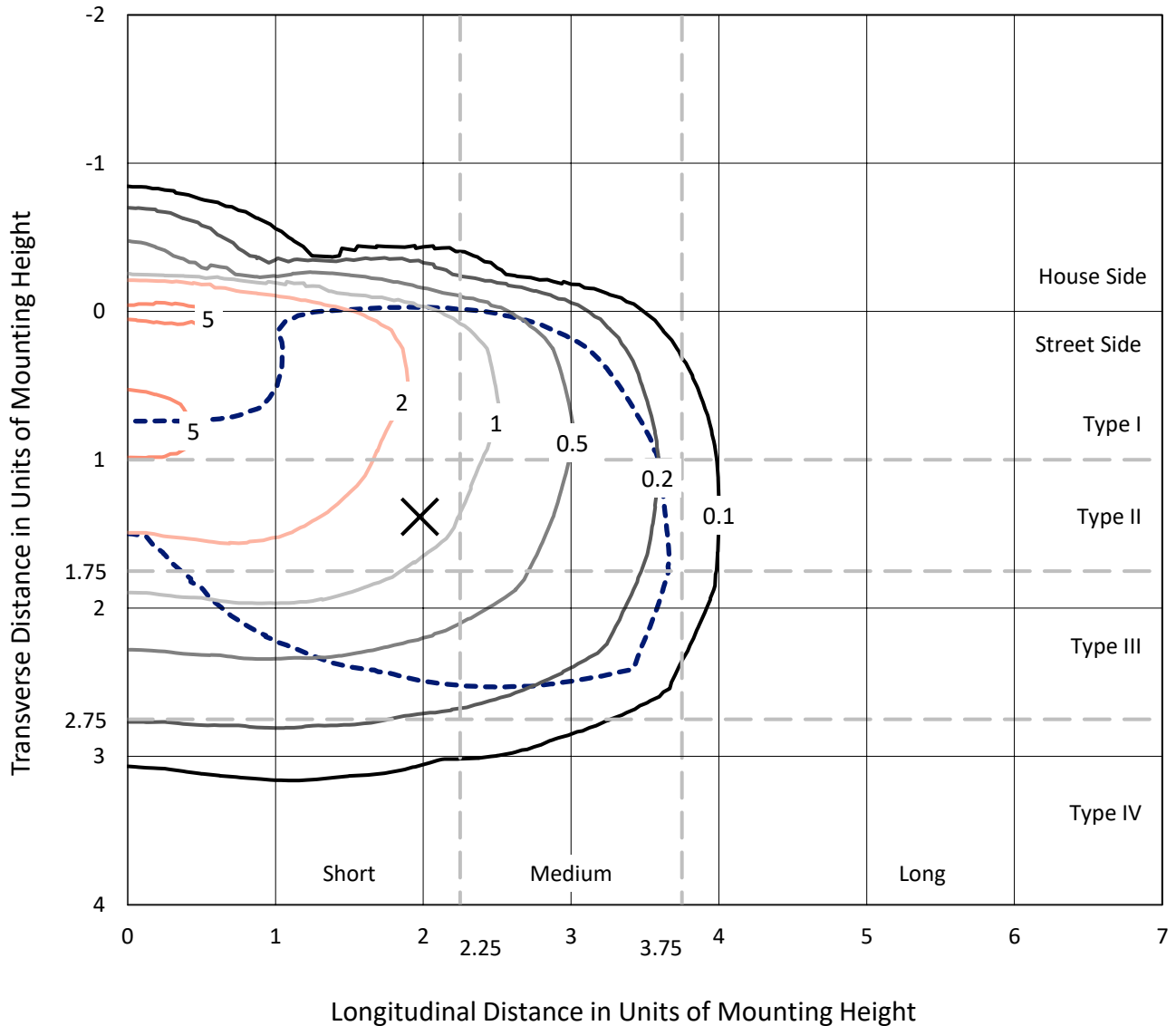
Lumens per Lamp: N/A
Luminaire Lumens: 7170.8 lumens
Efficiency: N/A
Efficacy: 115.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

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

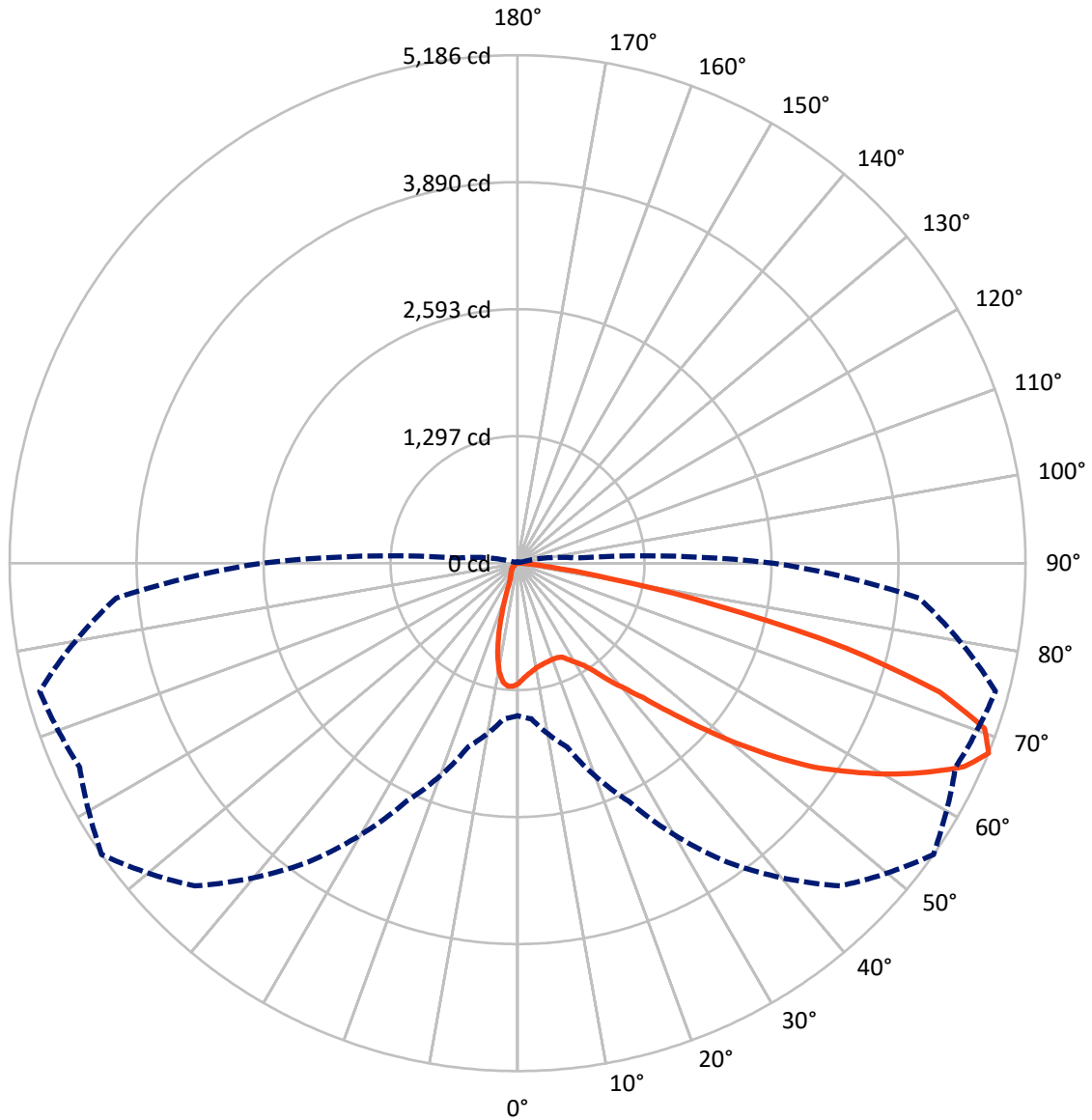
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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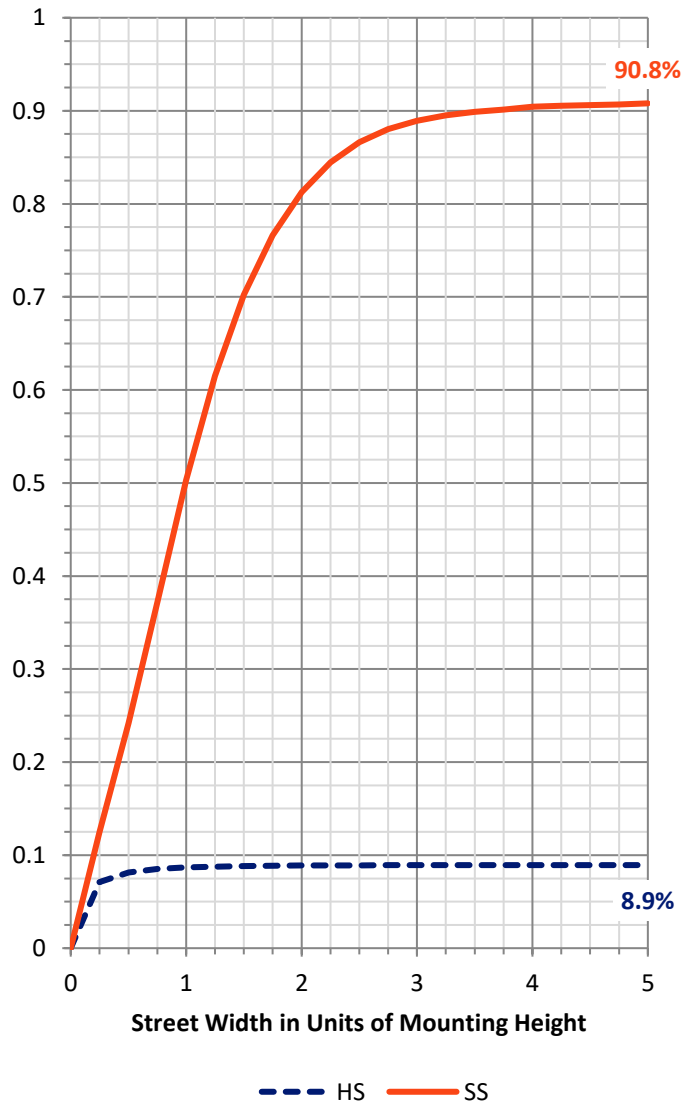
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	644.2	0.0	644.2
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	6526.6	0.0	6526.6
	% Fixture	91.0	0.0	91.0
Total	Lumens	7170.8	0.0	7170.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.9	1.5
10°-20°	245.6	3.4
20°-30°	394.0	5.5
30°-40°	683.3	9.5
40°-50°	1139.3	15.9
50°-60°	1666.1	23.2
60°-70°	1942.6	27.1
70°-80°	942.8	13.1
80°-90°	49.3	0.7
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°	7170.8	100.0
0°-180°	7170.8	100.0



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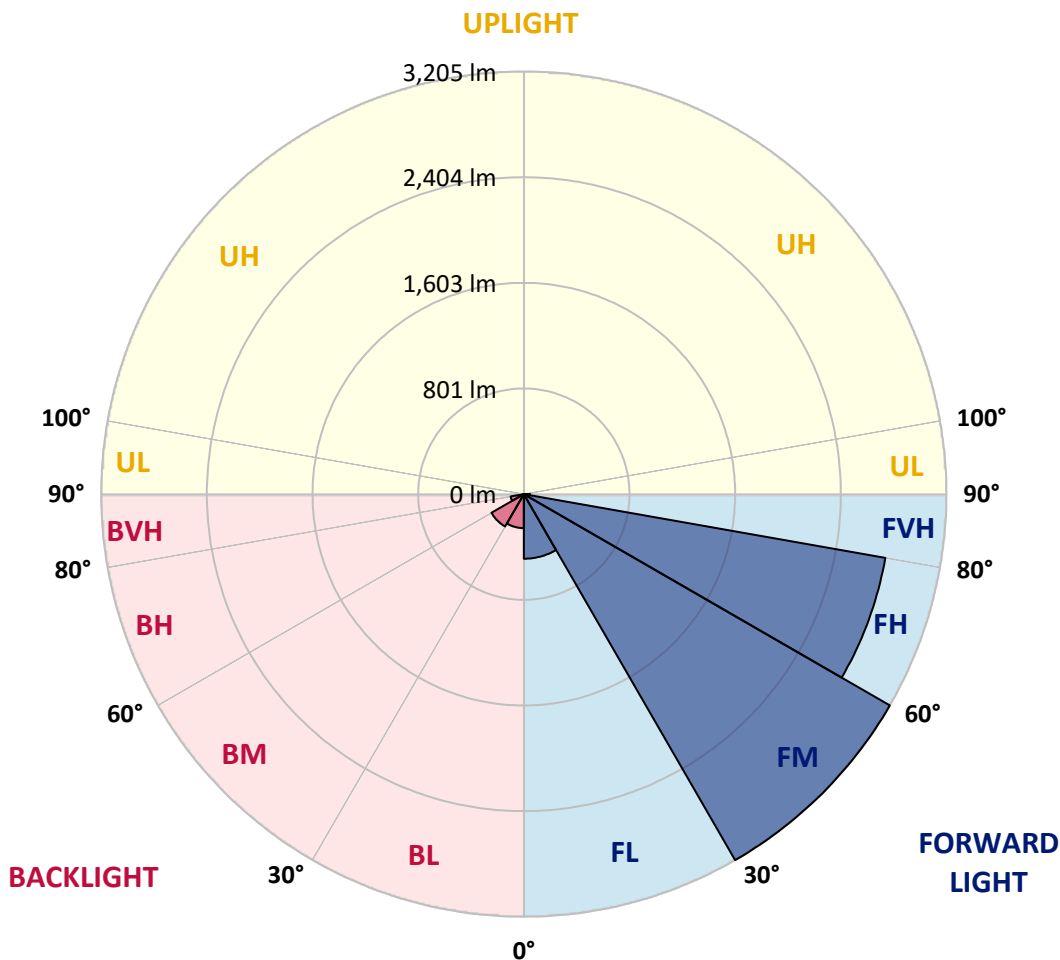
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	489.9	6.8			
FM (30°-60°)	3205.1	44.7			
FH (60°-80°)	2783.8	38.8			G2/5000
FVH (80°-90°)	47.9	0.7			G1/100
BL (0°-30°)	257.5	3.6	B1/500		
BM (30°-60°)	283.6	4.0	B1/1000		
BH (60°-80°)	101.6	1.4	B0/110		G0/110
BVH (80°-90°)	1.4	0.0			G0/10
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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1134.4	1141.7	1150.9	1154.2	1165.4	1181.3	1176.7	1173.4	1191.2	1215.6	1223.6
5°	1063.7	1064.4	1078.9	1089.5	1108.6	1123.8	1140.3	1139.0	1171.4	1213.0	1239.4
7.5°	994.3	995.6	1010.8	1027.4	1055.1	1084.8	1109.9	1108.6	1160.8	1216.3	1266.5
10°	903.1	909.8	928.3	957.3	1000.9	1047.8	1082.9	1086.2	1148.9	1228.9	1303.5
12.5°	829.8	833.1	853.6	891.3	942.8	1004.2	1069.6	1067.7	1151.6	1252.0	1351.7
15°	798.8	796.8	809.3	837.1	895.9	973.2	1056.4	1061.1	1160.8	1278.4	1402.0
17.5°	806.0	804.0	810.7	820.6	862.2	947.4	1049.2	1057.1	1175.3	1306.2	1448.9
20°	886.6	872.8	860.9	850.3	856.2	926.3	1044.5	1053.1	1183.9	1327.3	1498.4
22.5°	1041.9	1024.7	993.0	934.2	895.2	927.6	1045.9	1057.1	1203.1	1361.7	1558.5
25°	1294.9	1278.4	1210.4	1090.1	987.1	975.2	1063.7	1075.6	1247.4	1413.9	1622.6
27.5°	1629.9	1592.9	1510.3	1337.9	1139.0	1051.1	1117.2	1130.4	1310.1	1454.2	1666.2
30°	1908.0	1899.5	1820.2	1608.8	1348.4	1162.8	1177.3	1184.6	1338.5	1478.6	1709.8
32.5°	2196.8	2178.9	2106.2	1900.8	1591.6	1322.0	1244.7	1248.0	1375.5	1514.9	1773.3
35°	2447.8	2431.3	2370.5	2171.0	1875.7	1536.1	1356.4	1349.1	1452.2	1594.9	1859.1
37.5°	2680.4	2678.4	2624.9	2421.4	2130.7	1758.1	1520.9	1514.9	1571.8	1682.7	1975.4
40°	2907.6	2902.4	2856.8	2671.1	2381.7	1979.4	1677.5	1662.3	1673.5	1805.6	2128.7
42.5°	3047.1	3058.3	3074.1	2956.5	2679.7	2239.0	1875.7	1866.4	1864.4	1997.9	2330.2
45°	3122.4	3142.2	3235.3	3224.8	2995.5	2562.1	2157.8	2134.0	2126.1	2262.2	2560.8
47.5°	3195.7	3204.3	3356.9	3421.0	3298.1	2899.1	2498.7	2465.7	2433.3	2584.6	2836.3
50°	3200.3	3214.2	3403.2	3559.1	3551.8	3230.7	2881.2	2852.2	2815.2	2977.0	3105.2
52.5°	3135.6	3163.3	3397.2	3646.3	3709.1	3523.4	3278.3	3254.5	3224.1	3345.0	3331.8
55°	2688.3	2735.2	3280.9	3654.2	3819.4	3774.5	3677.3	3644.3	3614.6	3700.5	3553.8
57.5°	2475.6	2502.0	2928.1	3648.3	3960.1	4007.0	4023.5	4008.3	3966.7	4073.7	3785.7
60°	2348.1	2386.4	2759.7	3582.2	4112.1	4270.0	4373.7	4343.3	4292.4	4439.8	4034.1
62.5°	2195.4	2223.2	2591.8	3391.9	4202.6	4537.5	4702.1	4674.3	4569.3	4777.4	4235.0
65°	1914.0	1955.6	2324.9	3092.6	4081.0	4733.8	5011.2	5002.0	4819.7	5032.4	4289.8
67.5°	1557.9	1595.5	1939.8	2682.4	3725.6	4660.4	5186.3	5157.3	4933.3	5051.5	4116.0
70°	1169.4	1189.9	1449.5	2049.4	3052.3	4268.6	5059.5	5053.5	4760.9	4767.5	3582.9
72.5°	627.6	684.5	963.9	1371.6	2146.5	3457.3	4509.1	4485.3	4247.5	3904.6	2576.6
75°	219.3	235.9	513.3	770.4	1166.1	2303.1	3467.2	3411.7	3176.5	2539.6	1403.9
77.5°	134.8	148.0	227.9	393.8	453.9	999.6	2083.1	2011.1	1859.1	1098.0	479.7
80°	93.2	105.0	152.6	206.1	154.6	323.7	958.6	931.6	716.8	261.6	110.3
82.5°	52.2	62.8	115.6	101.1	62.1	83.9	332.3	307.9	190.9	70.7	37.0
85°	30.4	36.3	81.3	71.4	31.7	29.7	86.5	77.3	49.6	26.4	17.8
87.5°	15.9	20.5	59.5	47.6	19.2	10.6	19.8	19.2	12.6	9.2	11.9
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°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1238.1	1234.8	1252.0	1257.9	1256.6	1254.0	1260.6	1252.0	1251.3	1249.3	1247.4
5°	1260.6	1265.9	1279.7	1279.7	1261.2	1230.8	1212.3	1187.2	1166.1	1153.5	1151.6
7.5°	1294.3	1304.8	1314.1	1285.7	1222.3	1146.9	1067.0	1004.2	949.4	921.0	918.3
10°	1341.8	1351.7	1344.5	1263.2	1127.1	971.2	841.0	710.2	644.8	609.1	609.1
12.5°	1398.7	1406.6	1362.3	1207.1	970.5	744.6	570.8	433.4	368.0	325.7	323.1
15°	1460.1	1462.1	1359.7	1109.3	777.0	500.1	327.7	240.5	212.7	206.8	205.5
17.5°	1513.6	1505.7	1331.9	964.6	559.6	298.0	208.1	188.3	183.0	183.0	183.0
20°	1563.8	1537.4	1276.4	796.1	358.7	202.8	179.0	173.8	173.8	174.4	174.4
22.5°	1619.3	1567.1	1197.1	609.1	230.6	173.8	167.8	165.2	164.5	166.5	165.8
25°	1684.7	1596.2	1083.5	420.9	178.4	161.9	159.2	156.6	156.6	156.6	156.6
27.5°	1721.1	1592.2	954.0	265.6	155.9	150.0	147.3	144.7	142.7	142.0	142.7
30°	1752.8	1569.1	784.9	185.7	140.7	134.1	132.1	128.8	124.9	123.5	123.5
32.5°	1794.4	1550.0	607.8	149.3	127.5	120.2	114.3	109.0	102.4	99.8	99.1
35°	1840.7	1514.9	445.3	131.5	115.6	106.4	97.1	88.5	79.9	77.3	76.6
37.5°	1898.1	1483.2	301.9	121.6	105.7	94.5	81.9	70.0	62.1	60.8	60.8
40°	1976.1	1456.8	208.8	113.0	96.5	83.2	68.0	55.5	50.2	48.9	48.9
42.5°	2082.5	1435.0	157.9	105.7	88.5	72.0	54.8	45.6	41.6	40.3	40.3
45°	2208.0	1401.3	133.5	99.1	80.6	60.8	45.6	38.3	36.3	36.3	36.3
47.5°	2352.0	1359.0	121.6	92.5	72.0	49.6	38.3	35.0	34.4	34.4	35.0
50°	2497.4	1308.8	113.0	84.6	62.1	42.3	35.0	33.0	33.0	33.7	33.7
52.5°	2595.8	1230.2	104.4	76.0	52.2	37.0	33.0	32.4	31.7	31.7	31.7
55°	2691.6	1161.5	92.5	66.7	43.6	34.4	31.7	31.1	31.1	30.4	30.4
57.5°	2791.4	1107.3	77.3	55.5	37.0	32.4	30.4	30.4	29.1	28.4	28.4
60°	2907.0	1059.7	59.5	43.6	32.4	30.4	28.4	27.7	26.4	25.1	25.1
62.5°	2940.7	959.3	44.9	35.0	27.7	26.4	25.8	24.4	21.1	18.5	19.2
65°	2852.8	801.4	35.7	27.7	22.5	22.5	20.5	17.2	13.9	11.9	11.9
67.5°	2610.3	598.6	29.1	21.8	17.8	17.2	14.5	12.6	8.6	7.3	7.3
70°	2151.2	395.7	23.8	17.2	14.5	11.9	9.9	9.2	6.6	5.3	5.3
72.5°	1507.7	214.7	19.8	13.9	10.6	7.9	6.6	5.9	4.6	4.0	3.3
75°	796.1	82.6	15.9	10.6	6.6	5.3	4.0	4.0	3.3	2.6	2.6
77.5°	272.9	35.0	11.2	5.9	4.6	3.3	2.6	2.0	2.6	2.0	2.0
80°	64.7	20.5	7.3	4.0	2.6	2.0	2.0	1.3	1.3	1.3	1.3
82.5°	28.4	11.9	4.6	2.6	2.6	2.0	1.3	0.7	0.7	0.7	0.7
85°	19.2	7.3	3.3	2.6	2.0	1.3	0.7	0.7	0.0	0.0	0.0
87.5°	15.2	4.6	2.6	2.6	2.0	1.3	0.7	0.0	0.0	0.0	0.0
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)