

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: P672218

Luminaire Tested: **CCP-SA-2C-722-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672218
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3R distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

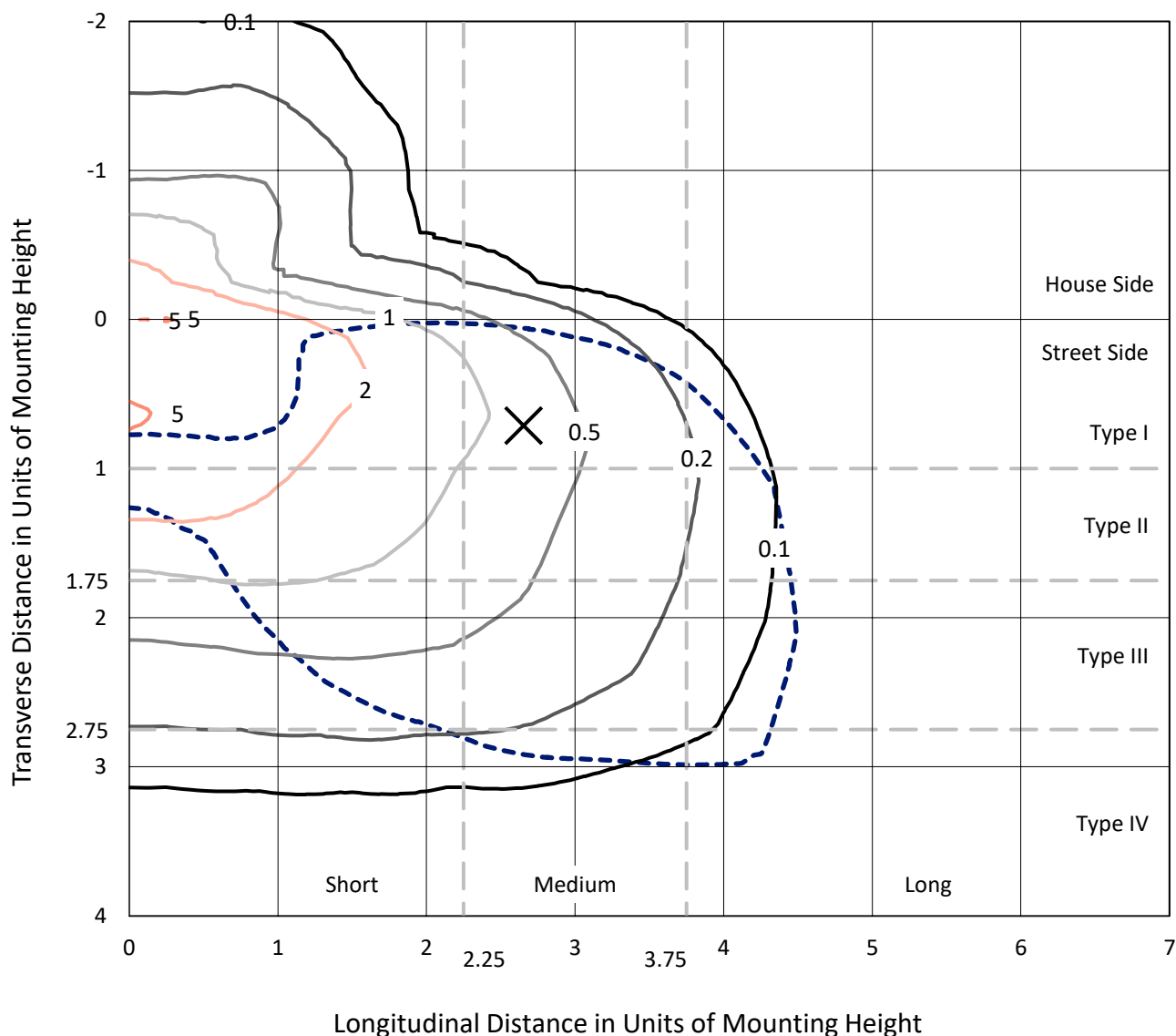
Lumens per Lamp: N/A
Luminaire Lumens: 6769 lumens
Efficiency: N/A
Efficacy: 109.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

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

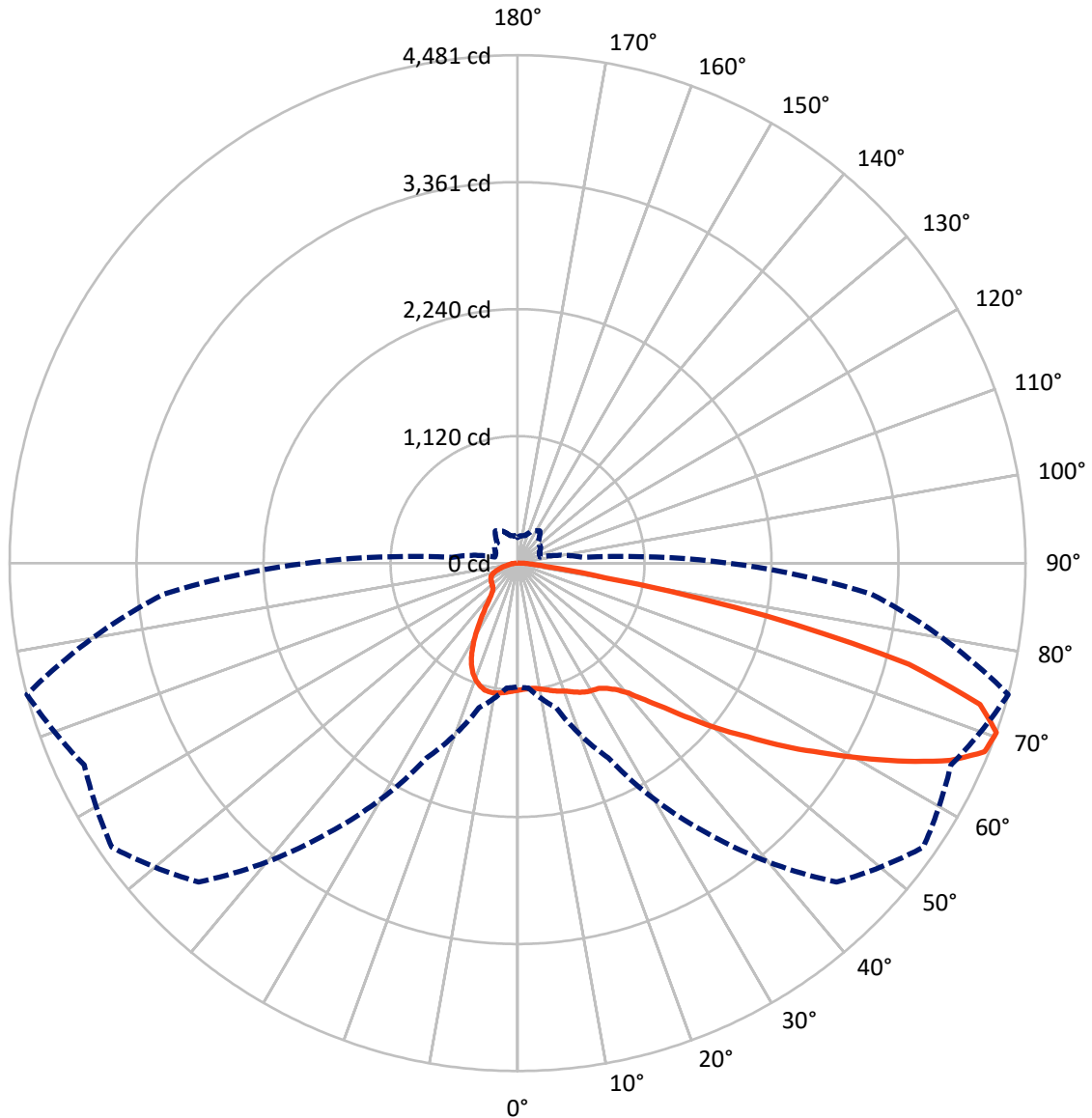
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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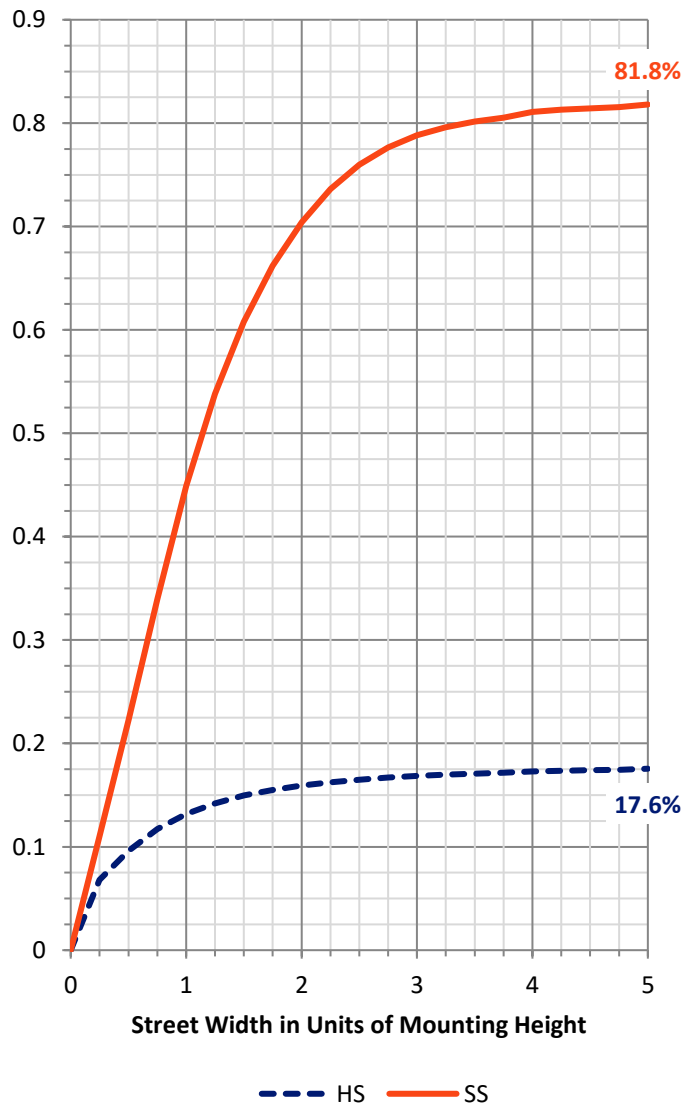
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1204.3	0.0	1204.3
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	5564.7	0.0	5564.7
	% Fixture	82.2	0.0	82.2
Total	Lumens	6769.0	0.0	6769.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.7	1.5
10°-20°	268.8	4.0
20°-30°	452.9	6.7
30°-40°	687.9	10.2
40°-50°	985.5	14.6
50°-60°	1306.5	19.3
60°-70°	1635.1	24.2
70°-80°	1194.0	17.6
80°-90°	137.7	2.0
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°	6769.0	100.0
0°-180°	6769.0	100.0



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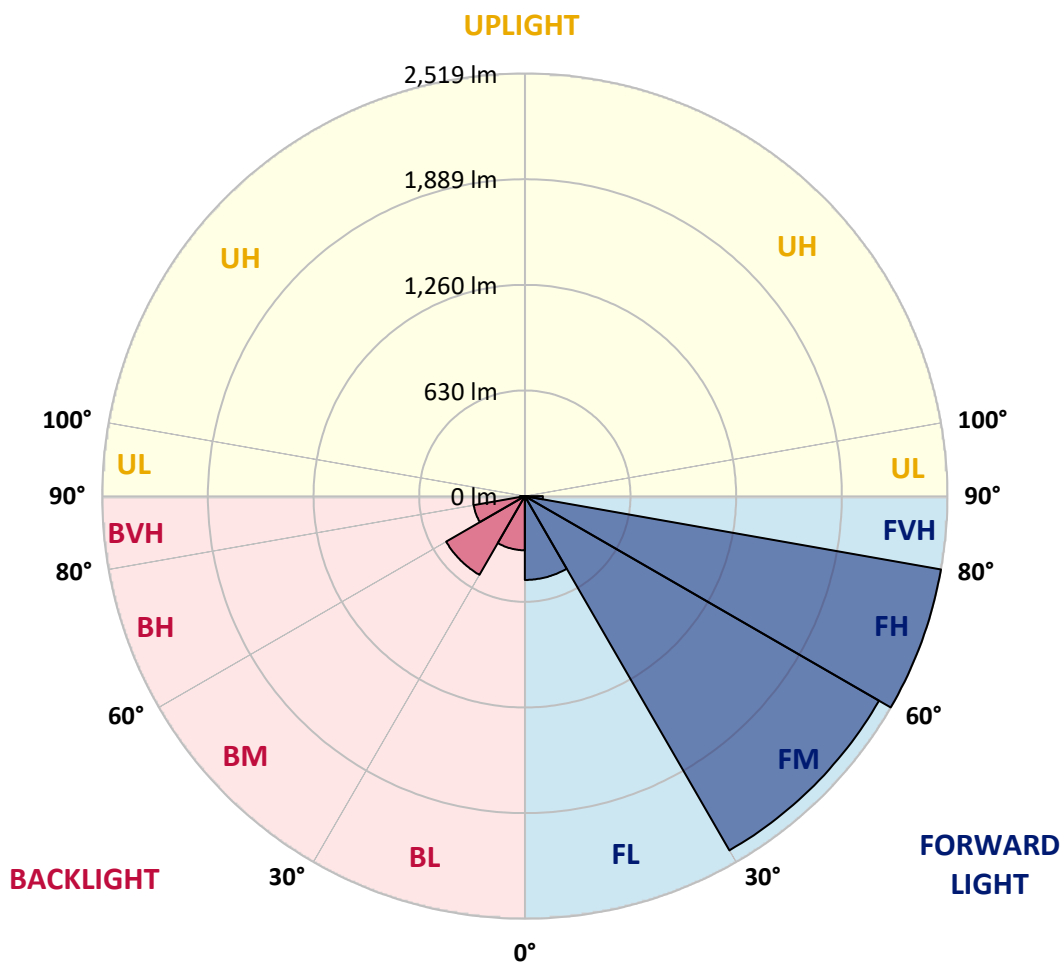
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	499.6	7.4			
FM (30°-60°)	2438.4	36.0			
FH (60°-80°)	2519.3	37.2			G2/5000
FVH (80°-90°)	107.4	1.6			G2/225
BL (0°-30°)	322.8	4.8	B1/500		
BM (30°-60°)	541.5	8.0	B1/1000		
BH (60°-80°)	309.8	4.6	B1/500		G1/500
BVH (80°-90°)	30.2	0.4			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3
2.5°	1059.9	1065.7	1071.1	1076.4	1080.8	1092.5	1095.0	1107.6	1111.0	1114.0	1117.8
5°	1000.5	1004.8	1010.2	1019.0	1028.2	1049.2	1063.8	1091.5	1107.1	1112.0	1125.6
7.5°	968.3	969.8	977.1	984.4	995.1	1015.6	1035.5	1078.9	1110.1	1115.4	1144.6
10°	944.9	946.9	953.7	963.9	974.6	993.6	1018.5	1070.1	1120.8	1129.1	1170.5
12.5°	936.7	935.7	943.5	950.3	965.4	989.3	1015.1	1070.6	1135.4	1147.1	1208.0
15°	969.8	963.4	968.3	965.9	970.8	994.1	1024.8	1081.3	1153.4	1168.0	1246.9
17.5°	1042.8	1037.5	1034.1	1013.1	999.5	1012.6	1041.9	1096.4	1172.4	1188.0	1282.0
20°	1151.9	1136.8	1124.2	1089.1	1051.1	1046.7	1067.2	1111.5	1190.4	1205.5	1319.0
22.5°	1276.2	1264.0	1243.5	1182.1	1123.2	1094.0	1099.3	1139.3	1216.7	1233.3	1361.4
25°	1433.0	1432.5	1390.6	1307.8	1218.7	1159.7	1148.5	1183.6	1246.4	1262.5	1396.5
27.5°	1611.7	1599.6	1549.9	1443.2	1331.2	1241.1	1214.8	1228.9	1270.3	1286.9	1424.7
30°	1764.7	1766.2	1715.5	1599.1	1451.0	1320.5	1270.8	1261.5	1285.9	1302.5	1451.0
32.5°	1928.4	1920.1	1873.8	1754.0	1580.6	1405.7	1306.8	1284.9	1302.0	1317.6	1487.5
35°	2082.3	2073.0	2033.1	1904.0	1723.3	1499.7	1355.5	1321.4	1340.0	1357.0	1532.4
37.5°	2228.9	2230.3	2185.0	2061.8	1861.6	1610.8	1427.6	1376.5	1396.5	1415.5	1600.5
40°	2357.0	2349.7	2314.6	2203.6	2005.3	1723.8	1509.0	1451.5	1490.5	1508.0	1686.8
42.5°	2397.9	2397.4	2411.0	2342.9	2156.3	1858.2	1610.3	1568.4	1623.4	1649.7	1792.5
45°	2362.3	2373.1	2452.0	2450.0	2307.3	2012.6	1748.6	1710.6	1790.0	1819.7	1921.5
47.5°	2327.3	2343.3	2450.5	2511.4	2442.7	2182.6	1918.6	1890.4	2004.3	2047.2	2055.5
50°	2276.1	2291.2	2418.8	2520.2	2525.5	2354.5	2138.8	2103.2	2249.8	2293.7	2201.1
52.5°	2219.1	2230.8	2362.8	2513.8	2565.0	2489.0	2354.5	2344.3	2512.8	2548.4	2349.2
55°	1904.5	1954.2	2280.5	2500.2	2592.2	2591.8	2564.5	2598.1	2799.7	2852.8	2514.3
57.5°	1723.8	1750.1	2048.7	2492.4	2643.4	2686.7	2781.2	2853.3	3106.1	3153.8	2696.5
60°	1664.8	1688.2	1932.2	2483.1	2745.2	2835.3	2993.1	3110.0	3435.4	3493.8	2900.1
62.5°	1611.3	1639.5	1885.0	2409.6	2868.4	3070.6	3245.9	3387.6	3782.7	3851.8	3102.7
65°	1502.2	1522.1	1798.3	2347.7	2985.3	3406.2	3610.7	3693.5	4119.2	4197.2	3237.1
67.5°	1313.7	1332.7	1603.0	2205.5	3061.3	3755.4	4009.6	4010.1	4379.3	4443.1	3265.4
70°	1092.0	1106.6	1321.4	1895.7	2903.0	3979.4	4369.6	4217.1	4452.9	4480.7	3131.0
72.5°	780.8	793.5	967.8	1401.3	2380.4	3797.8	4451.4	4208.4	4274.6	4265.8	2748.6
75°	481.2	505.6	592.8	855.3	1479.3	2988.2	4006.2	3813.4	3589.3	3564.9	2069.6
77.5°	313.7	326.3	400.9	504.6	652.7	1715.5	3042.8	2859.2	2266.4	2238.1	1112.5
80°	188.5	209.4	262.5	317.1	295.7	656.1	1737.4	1420.3	800.8	792.0	341.9
82.5°	101.3	120.3	185.1	196.3	166.1	231.9	629.3	461.8	256.2	253.3	128.1
85°	80.4	89.6	133.0	124.2	94.0	117.4	245.5	192.4	131.5	128.6	48.2
87.5°	48.7	61.4	100.8	83.8	46.8	42.4	112.5	91.1	61.9	57.5	19.0
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°	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3	1121.3
2.5°	1125.2	1127.6	1130.0	1125.2	1127.1	1124.7	1124.7	1124.7	1118.3	1116.4	1122.2
5°	1135.9	1139.3	1141.2	1126.1	1116.9	1103.2	1092.0	1075.0	1065.2	1058.9	1058.9
7.5°	1157.8	1161.7	1152.9	1119.3	1086.7	1050.1	1012.6	981.5	959.1	949.3	952.2
10°	1189.9	1191.4	1162.2	1100.3	1030.7	963.0	909.9	868.5	840.7	826.6	824.6
12.5°	1227.4	1221.1	1164.1	1058.4	955.2	864.1	799.3	745.7	710.2	696.5	689.7
15°	1264.5	1249.4	1156.8	1008.3	869.4	759.8	677.0	626.4	604.5	598.1	595.7
17.5°	1297.6	1269.3	1132.5	936.2	770.1	638.1	577.2	559.2	561.6	567.4	569.9
20°	1327.8	1284.4	1097.4	850.4	645.9	543.1	528.0	544.6	558.2	567.0	568.4
22.5°	1360.9	1299.0	1048.7	746.2	544.1	499.3	517.3	536.3	549.9	558.7	560.1
25°	1386.2	1298.6	980.0	622.5	479.8	487.6	509.0	526.0	536.3	542.6	542.1
27.5°	1402.3	1286.9	889.9	520.7	454.4	479.3	499.7	510.9	516.8	521.7	521.2
30°	1407.2	1264.5	776.4	445.7	442.8	471.5	487.1	493.9	498.3	503.2	503.2
32.5°	1416.9	1229.9	651.2	403.8	434.0	463.7	473.0	478.3	474.9	462.7	460.3
35°	1427.6	1191.4	532.9	384.3	425.7	458.3	467.1	453.0	416.0	411.1	409.1
37.5°	1448.6	1155.8	432.5	370.7	423.8	461.3	468.6	412.1	380.9	365.8	363.4
40°	1484.1	1120.3	365.3	360.9	426.2	473.9	449.1	392.6	341.0	312.2	307.3
42.5°	1530.9	1076.9	327.3	356.1	433.0	494.4	442.3	364.8	308.3	288.8	285.9
45°	1585.0	1019.5	309.3	355.1	441.3	504.6	444.2	342.4	293.7	278.6	277.6
47.5°	1641.0	963.0	301.5	354.1	451.5	500.2	417.4	335.6	287.9	283.5	286.4
50°	1701.4	898.7	295.2	351.7	459.8	500.2	402.8	334.1	289.8	299.6	309.3
52.5°	1757.9	844.6	287.9	344.4	463.2	491.5	398.4	339.5	292.7	290.3	293.2
55°	1826.6	816.8	284.0	334.1	456.9	464.7	393.1	354.1	295.2	275.2	275.2
57.5°	1905.0	811.0	278.1	320.5	436.4	427.7	392.6	362.9	288.8	270.3	266.9
60°	1999.5	823.7	270.8	303.5	411.6	398.9	389.2	362.9	278.6	262.0	263.5
62.5°	2075.9	822.2	266.4	288.4	378.5	369.2	382.8	358.0	274.7	261.1	260.6
65°	2094.0	791.0	253.8	268.9	337.5	333.2	376.0	345.8	269.4	255.7	251.8
67.5°	2033.1	720.4	234.8	243.1	294.2	294.7	363.8	329.8	262.0	252.8	246.5
70°	1860.2	582.5	206.5	211.9	247.4	253.8	345.8	310.8	249.9	240.1	225.0
72.5°	1556.7	418.9	173.9	175.3	196.8	213.3	314.7	284.9	231.9	209.0	192.9
75°	1152.4	278.1	141.7	139.8	147.6	173.4	268.9	256.2	208.5	173.4	165.1
77.5°	609.3	164.6	109.1	109.6	104.7	133.0	213.3	222.6	185.1	146.1	137.8
80°	208.5	98.9	78.4	81.8	74.0	95.0	158.3	185.1	158.3	121.8	107.6
82.5°	95.5	60.4	56.0	58.4	53.1	64.3	108.6	140.3	126.2	88.6	71.6
85°	48.2	36.0	36.0	39.5	35.1	33.1	59.9	93.0	92.5	60.9	52.6
87.5°	20.0	17.5	16.6	19.0	16.6	12.7	17.0	33.6	48.7	36.5	23.4
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)