

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: P672261

Luminaire Tested: **CCP-SA-2B-740-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672261
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-740-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ T3R distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

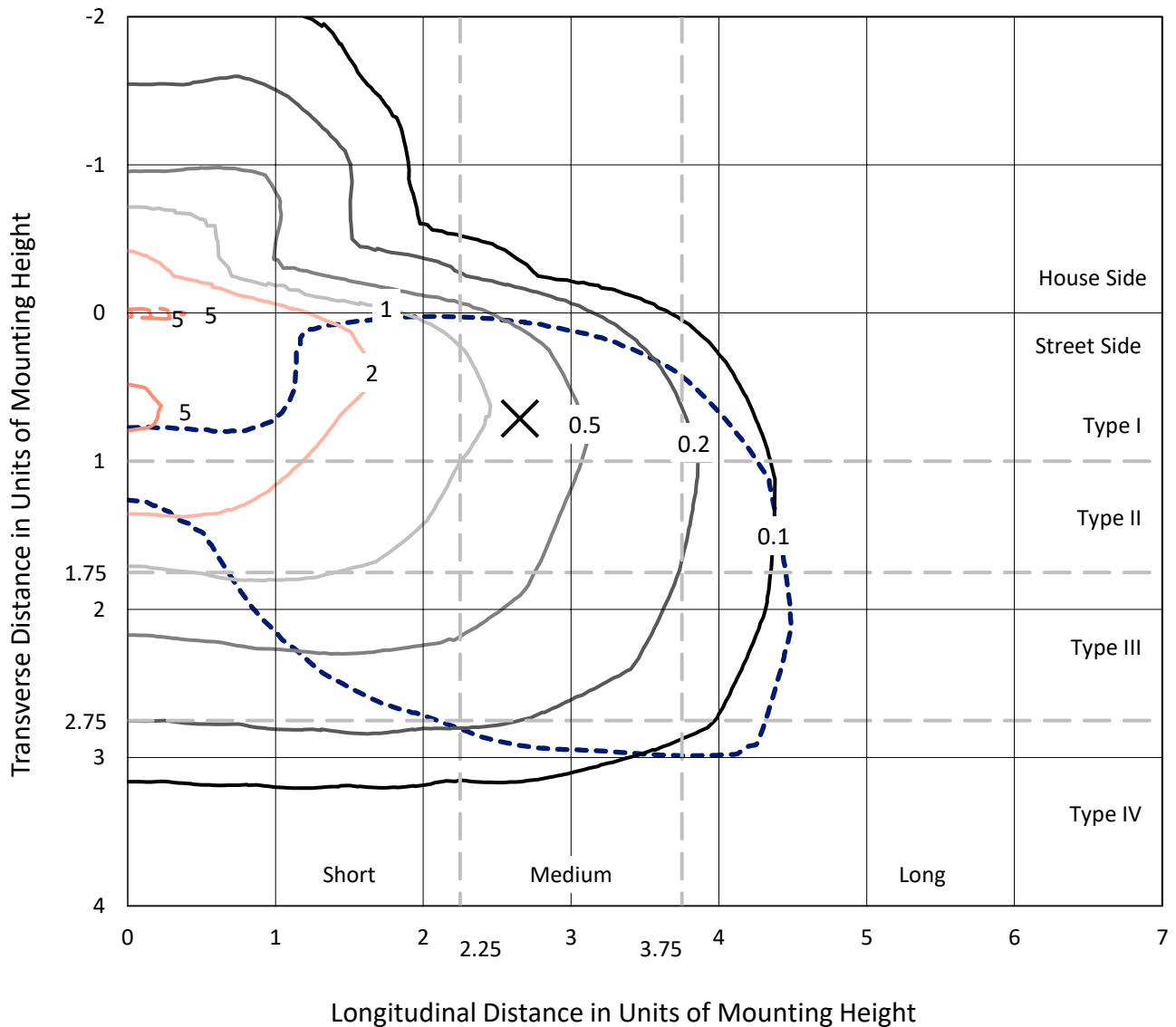
Lumens per Lamp: N/A
Luminaire Lumens: 7019.3 lumens
Efficiency: N/A
Efficacy: 152.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 46
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

REPORT NUMBER: P672261
 CATALOG NUMBER: CCP-SA-2B-740-U-T3R

Iso-Footcandle Lines of Horizontal Illumination

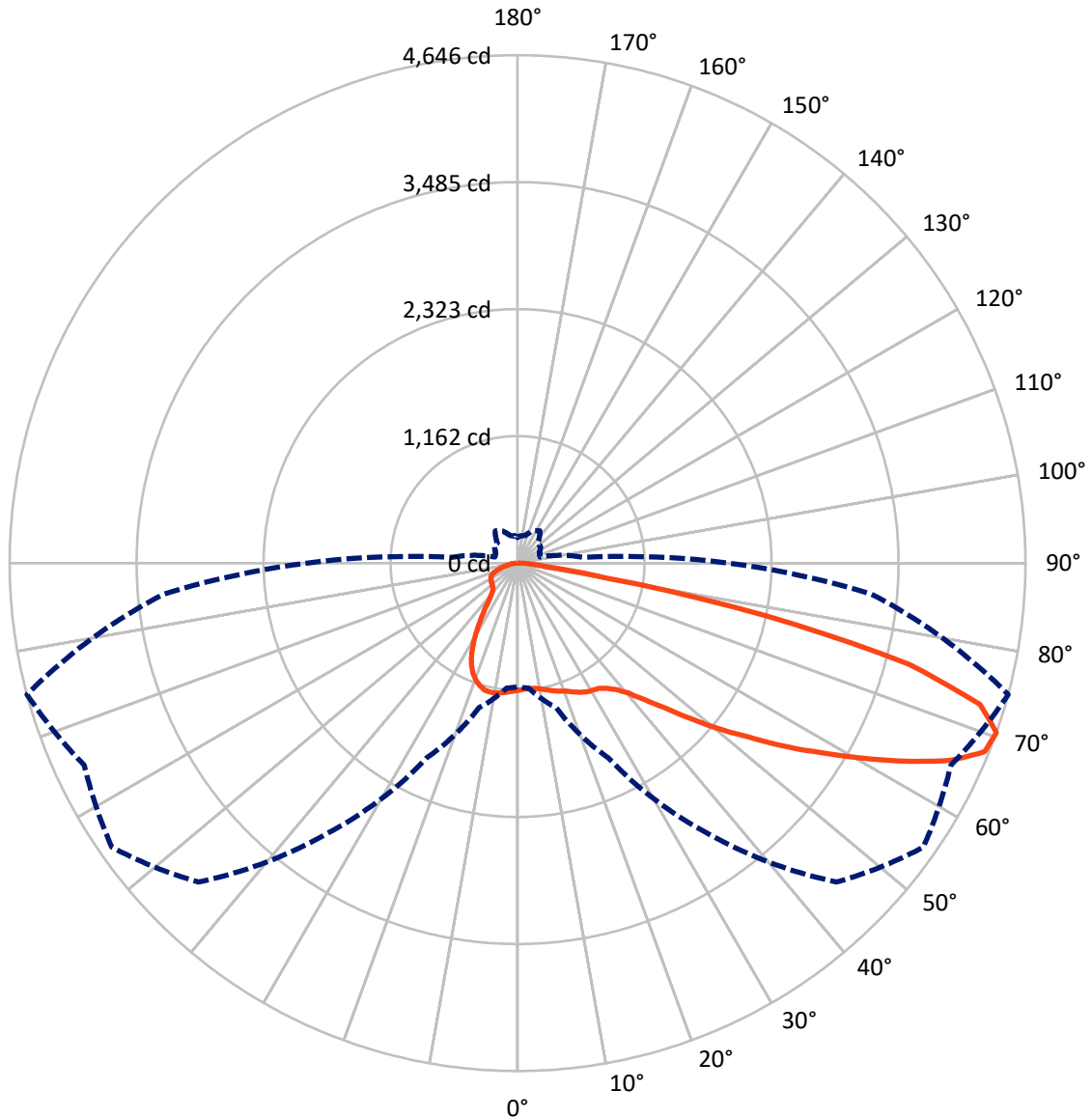
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.3 fc
 Type IV - Medium - N/A

REPORT NUMBER: P672261
CATALOG NUMBER: CCP-SA-2B-740-U-T3R

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672261

CATALOG NUMBER: CCP-SA-2B-740-U-T3R

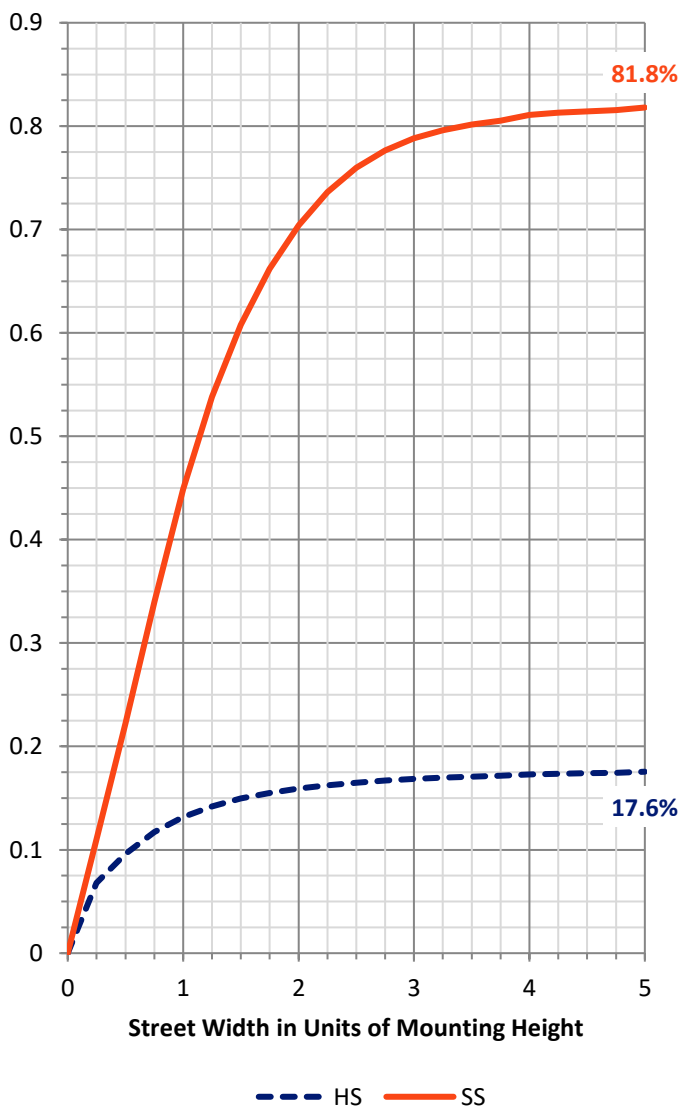
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1248.8	0.0	1248.8
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	5770.5	0.0	5770.5
	% Fixture	82.2	0.0	82.2
Total	Lumens	7019.3	0.0	7019.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.4	1.5
10°-20°	278.8	4.0
20°-30°	469.6	6.7
30°-40°	713.3	10.2
40°-50°	1021.9	14.6
50°-60°	1354.9	19.3
60°-70°	1695.5	24.2
70°-80°	1238.1	17.6
80°-90°	142.8	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°	7019.3	100.0
0°-180°	7019.3	100.0



REPORT NUMBER: P672261

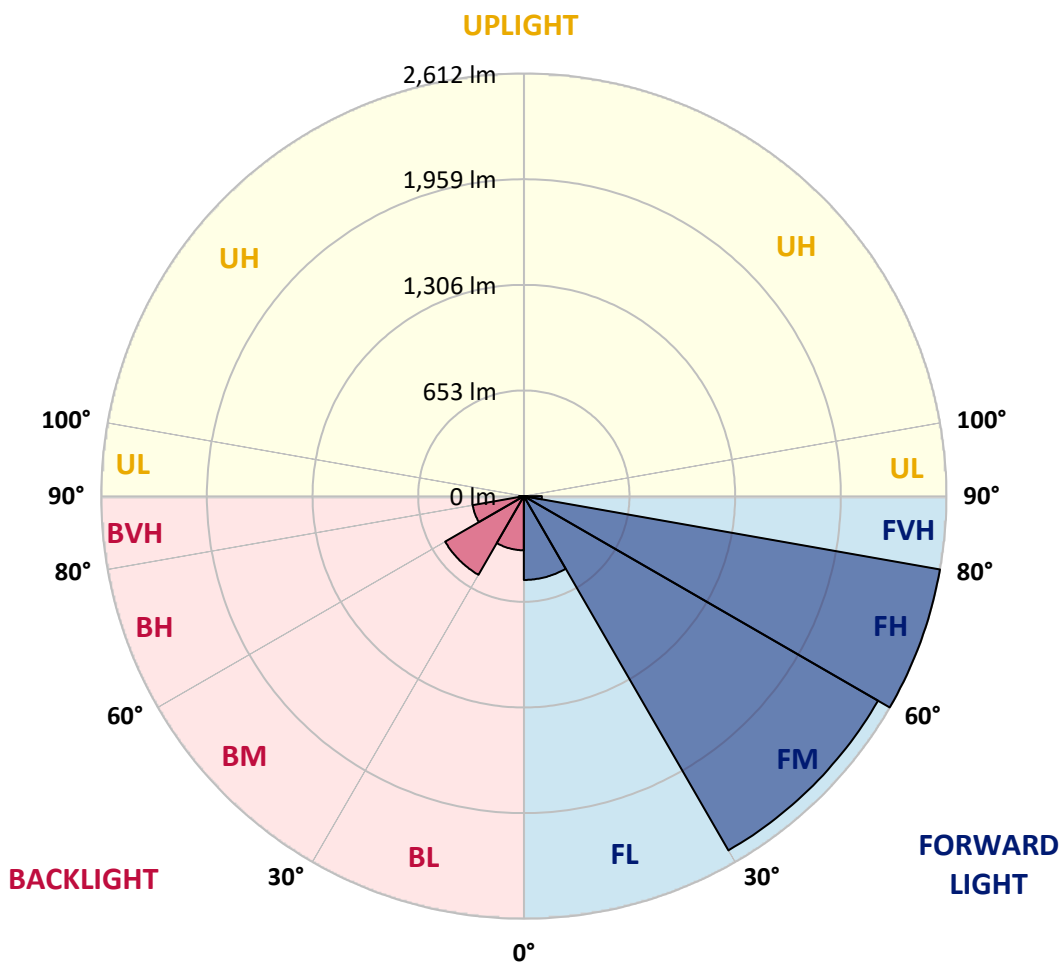
CATALOG NUMBER: CCP-SA-2B-740-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	518.1	7.4			
FM (30°-60°)	2528.6	36.0			
FH (60°-80°)	2612.4	37.2			G2/5000
FVH (80°-90°)	111.4	1.6			G2/225
BL (0°-30°)	334.7	4.8	B1/500		
BM (30°-60°)	561.5	8.0	B1/1000		
BH (60°-80°)	321.2	4.6	B1/500		G1/500
BVH (80°-90°)	31.4	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





REPORT NUMBER: P672261

CATALOG NUMBER: CCP-SA-2B-740-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7
2.5°	1099.1	1105.1	1110.7	1116.2	1120.8	1132.9	1135.4	1148.6	1152.1	1155.1	1159.2
5°	1037.4	1042.0	1047.6	1056.6	1066.2	1088.0	1103.1	1131.9	1148.1	1153.1	1167.3
7.5°	1004.1	1005.6	1013.2	1020.8	1031.9	1053.1	1073.8	1118.8	1151.1	1156.7	1187.0
10°	979.9	981.9	989.0	999.6	1010.7	1030.4	1056.1	1109.7	1162.2	1170.8	1213.7
12.5°	971.3	970.3	978.4	985.4	1001.1	1025.8	1052.6	1110.2	1177.4	1189.5	1252.6
15°	1005.6	999.1	1004.1	1001.6	1006.6	1030.9	1062.7	1121.3	1196.0	1211.2	1293.0
17.5°	1081.4	1075.8	1072.3	1050.6	1036.4	1050.1	1080.4	1137.0	1215.7	1231.9	1329.4
20°	1194.5	1178.9	1165.7	1129.4	1090.0	1085.4	1106.6	1152.6	1234.4	1250.1	1367.8
22.5°	1323.3	1310.7	1289.5	1225.8	1164.7	1134.4	1140.0	1181.4	1261.7	1278.9	1411.7
25°	1486.0	1485.5	1442.0	1356.2	1263.7	1202.6	1191.0	1227.4	1292.5	1309.2	1448.1
27.5°	1671.3	1658.7	1607.2	1496.6	1380.4	1287.0	1259.7	1274.3	1317.3	1334.4	1477.4
30°	1829.9	1831.4	1778.9	1658.2	1504.7	1369.3	1317.8	1308.2	1333.4	1350.6	1504.7
32.5°	1999.6	1991.1	1943.1	1818.8	1639.0	1457.7	1355.1	1332.4	1350.1	1366.3	1542.5
35°	2159.2	2149.7	2108.2	1974.4	1787.0	1555.2	1405.7	1370.3	1389.5	1407.2	1589.0
37.5°	2311.3	2312.8	2265.8	2138.0	1930.4	1670.3	1480.4	1427.4	1448.1	1467.8	1659.7
40°	2444.1	2436.5	2400.2	2285.0	2079.4	1787.5	1564.8	1505.2	1545.6	1563.8	1749.1
42.5°	2486.5	2486.0	2500.2	2429.5	2236.0	1926.9	1669.8	1626.4	1683.5	1710.7	1858.7
45°	2449.7	2460.8	2542.6	2540.6	2392.6	2087.0	1813.3	1773.9	1856.2	1887.0	1992.6
47.5°	2413.3	2430.0	2541.1	2604.2	2533.0	2263.3	1989.5	1960.2	2078.4	2122.9	2131.5
50°	2360.3	2375.9	2508.3	2613.3	2618.9	2441.6	2217.8	2181.0	2333.0	2378.5	2282.5
52.5°	2301.2	2313.3	2450.2	2606.8	2659.8	2581.0	2441.6	2431.0	2605.7	2642.6	2436.0
55°	1974.9	2026.4	2364.8	2592.6	2688.1	2687.6	2659.3	2694.1	2903.2	2958.3	2607.3
57.5°	1787.5	1814.8	2124.4	2584.5	2741.1	2786.1	2884.1	2958.8	3220.9	3270.4	2796.2
60°	1726.4	1750.6	2003.7	2574.9	2846.7	2940.1	3103.8	3225.0	3562.4	3623.0	3007.3
62.5°	1670.8	1700.1	1954.7	2498.7	2974.5	3184.1	3365.9	3512.9	3922.5	3994.2	3217.4
65°	1557.7	1578.4	1864.8	2434.5	3095.7	3532.1	3744.2	3830.1	4271.5	4352.3	3356.8
67.5°	1362.2	1381.9	1662.2	2287.0	3174.5	3894.2	4157.9	4158.4	4541.2	4607.4	3386.1
70°	1132.4	1147.6	1370.3	1965.8	3010.3	4126.6	4531.1	4373.0	4617.5	4646.3	3246.7
72.5°	809.7	822.8	1003.6	1453.1	2468.4	3938.2	4616.0	4364.0	4432.6	4423.6	2850.2
75°	499.0	524.3	614.7	886.9	1534.0	3098.7	4154.3	3954.3	3722.0	3696.7	2146.1
77.5°	325.3	338.4	415.7	523.3	676.8	1778.9	3155.3	2964.9	2350.2	2320.9	1153.6
80°	195.5	217.2	272.2	328.8	306.6	680.4	1801.6	1472.8	830.4	821.3	354.6
82.5°	105.1	124.8	191.9	203.6	172.2	240.4	652.6	478.8	265.7	262.6	132.8
85°	83.3	92.9	137.9	128.8	97.5	121.7	254.6	199.5	136.4	133.3	50.0
87.5°	50.5	63.6	104.6	86.9	48.5	43.9	116.7	94.5	64.1	59.6	19.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P672261
 CATALOG NUMBER: CCP-SA-2B-740-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7	1162.7
2.5°	1166.8	1169.3	1171.8	1166.8	1168.8	1166.2	1166.2	1166.2	1159.7	1157.7	1163.7
5°	1177.9	1181.4	1183.4	1167.8	1158.2	1144.0	1132.4	1114.7	1104.6	1098.1	1098.1
7.5°	1200.6	1204.6	1195.5	1160.7	1126.9	1089.0	1050.1	1017.8	994.5	984.4	987.4
10°	1233.9	1235.4	1205.1	1141.0	1068.8	998.6	943.5	900.6	871.8	857.1	855.1
12.5°	1272.8	1266.3	1207.2	1097.6	990.5	896.0	828.8	773.3	736.4	722.3	715.2
15°	1311.2	1295.5	1199.6	1045.5	901.6	787.9	702.1	649.5	626.8	620.2	617.7
17.5°	1345.6	1316.3	1174.3	970.8	798.5	661.7	598.5	579.8	582.4	588.4	591.0
20°	1376.9	1331.9	1138.0	881.9	669.7	563.2	547.5	564.7	578.8	587.9	589.4
22.5°	1411.2	1347.1	1087.5	773.8	564.2	517.7	536.4	556.1	570.2	579.3	580.9
25°	1437.5	1346.6	1016.2	645.5	497.5	505.6	527.8	545.5	556.1	562.7	562.2
27.5°	1454.1	1334.4	922.8	539.9	471.2	497.0	518.2	529.8	535.9	540.9	540.4
30°	1459.2	1311.2	805.1	462.2	459.1	488.9	505.1	512.2	516.7	521.8	521.8
32.5°	1469.3	1275.3	675.3	418.7	450.0	480.8	490.4	496.0	492.5	479.8	477.3
35°	1480.4	1235.4	552.6	398.5	441.4	475.3	484.4	469.7	431.3	426.3	424.3
37.5°	1502.1	1198.6	448.5	384.4	439.4	478.3	485.9	427.3	395.0	379.3	376.8
40°	1539.0	1161.7	378.8	374.3	442.0	491.5	465.7	407.1	353.6	323.8	318.7
42.5°	1587.5	1116.7	339.4	369.2	449.0	512.7	458.6	378.3	319.7	299.5	296.5
45°	1643.6	1057.1	320.7	368.2	457.6	523.3	460.6	355.1	304.6	288.9	287.9
47.5°	1701.6	998.6	312.6	367.2	468.2	518.7	432.9	348.0	298.5	294.0	297.0
50°	1764.3	931.9	306.1	364.7	476.8	518.7	417.7	346.5	300.5	310.6	320.7
52.5°	1822.9	875.8	298.5	357.1	480.3	509.6	413.2	352.0	303.6	301.0	304.1
55°	1894.1	847.0	294.5	346.5	473.8	481.9	407.6	367.2	306.1	285.4	285.4
57.5°	1975.4	841.0	288.4	332.3	452.6	443.5	407.1	376.3	299.5	280.3	276.8
60°	2073.4	854.1	280.8	314.7	426.8	413.7	403.6	376.3	288.9	271.7	273.3
62.5°	2152.7	852.6	276.3	299.0	392.5	382.9	397.0	371.2	284.9	270.7	270.2
65°	2171.4	820.3	263.2	278.8	350.0	345.5	389.9	358.6	279.3	265.2	261.1
67.5°	2108.2	747.0	243.5	252.0	305.1	305.6	377.3	341.9	271.7	262.1	255.6
70°	1928.9	604.1	214.2	219.7	256.6	263.2	358.6	322.2	259.1	249.0	233.4
72.5°	1614.3	434.4	180.3	181.8	204.1	221.2	326.3	295.5	240.4	216.7	200.0
75°	1195.0	288.4	147.0	145.0	153.0	179.8	278.8	265.7	216.2	179.8	171.2
77.5°	631.9	170.7	113.1	113.6	108.6	137.9	221.2	230.8	191.9	151.5	142.9
80°	216.2	102.5	81.3	84.9	76.8	98.5	164.2	191.9	164.2	126.3	111.6
82.5°	99.0	62.6	58.1	60.6	55.1	66.7	112.6	145.5	130.8	91.9	74.2
85°	50.0	37.4	37.4	40.9	36.4	34.3	62.1	96.5	96.0	63.1	54.5
87.5°	20.7	18.2	17.2	19.7	17.2	13.1	17.7	34.9	50.5	37.9	24.2
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)