

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: P672214

Luminaire Tested: **CCP-SA-1E-722-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672214
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-722-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ T3R distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

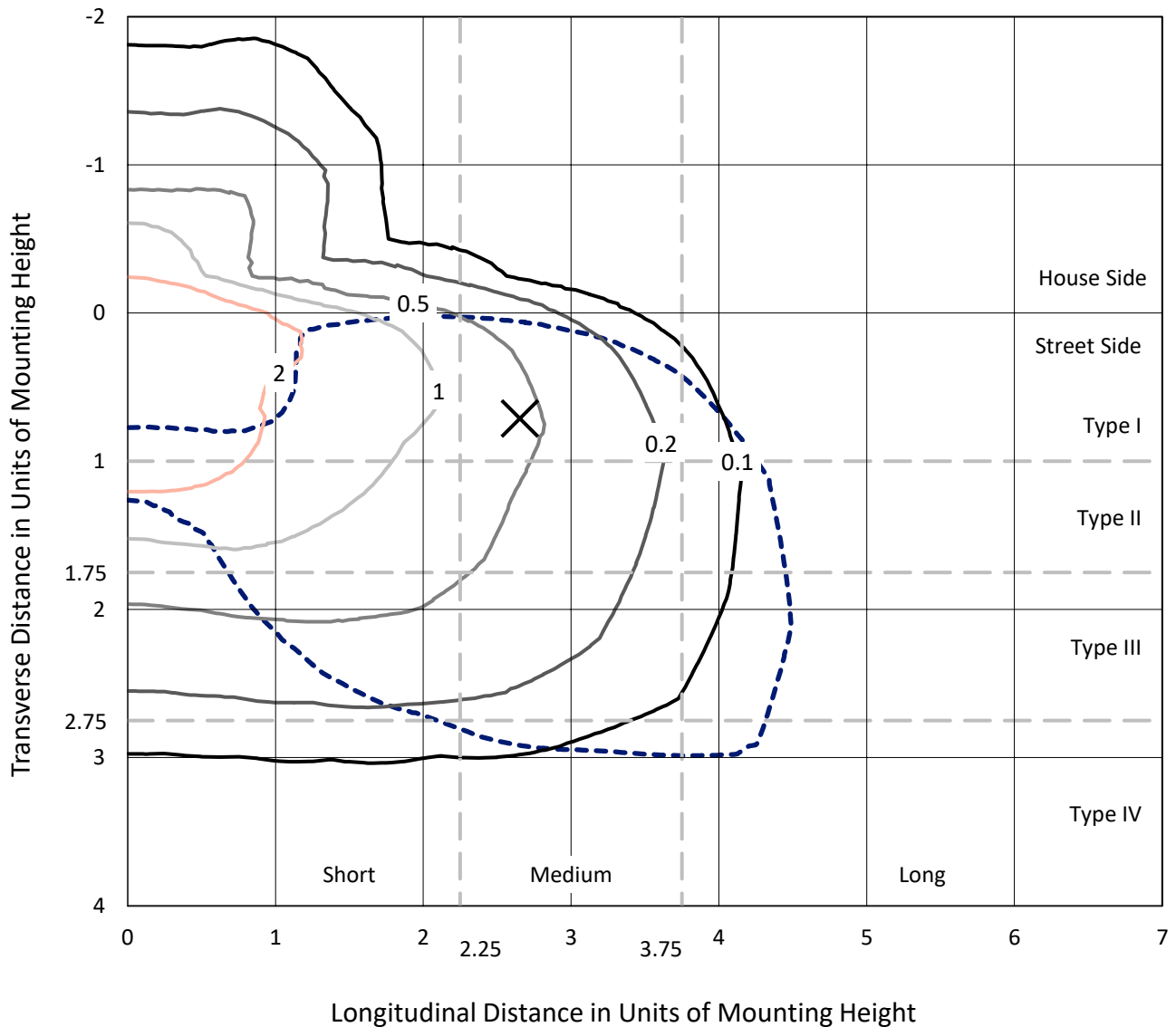
Lumens per Lamp: N/A
Luminaire Lumens: 5118.6 lumens
Efficiency: N/A
Efficacy: 91.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 56.1
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

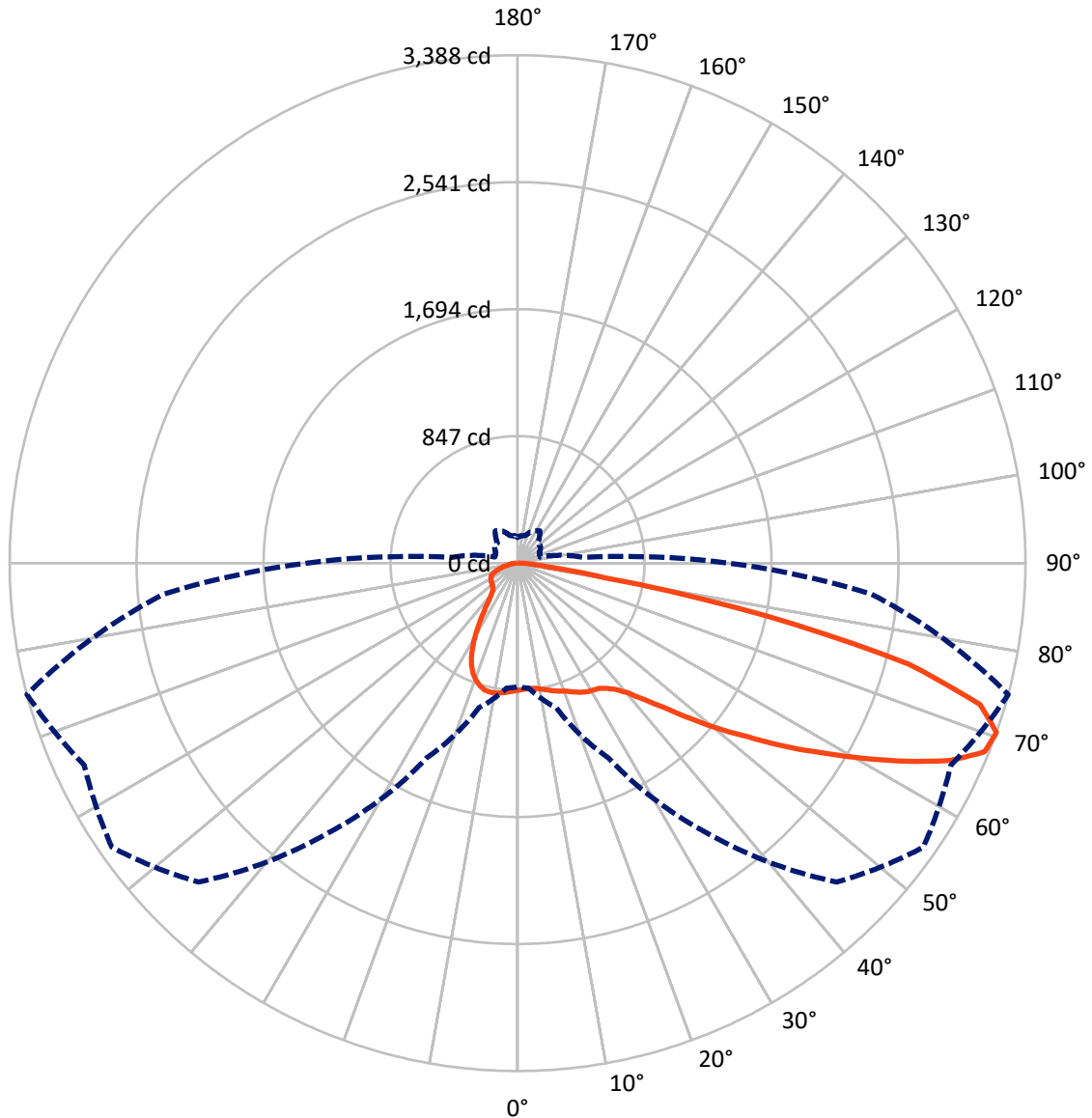
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.9 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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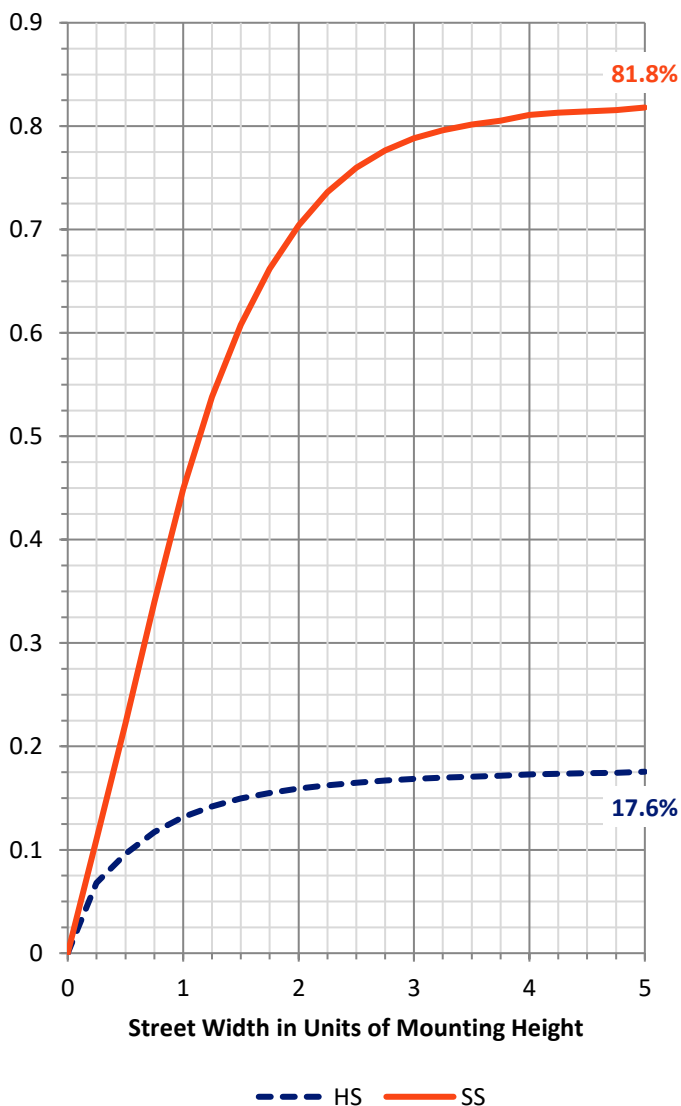
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	910.7	0.0	910.7
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	4208.0	0.0	4208.0
	% Fixture	82.2	0.0	82.2
Total	Lumens	5118.6	0.0	5118.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.1	1.5
10°-20°	203.3	4.0
20°-30°	342.5	6.7
30°-40°	520.2	10.2
40°-50°	745.2	14.6
50°-60°	988.0	19.3
60°-70°	1236.4	24.2
70°-80°	902.9	17.6
80°-90°	104.1	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°	5118.6	100.0
0°-180°	5118.6	100.0



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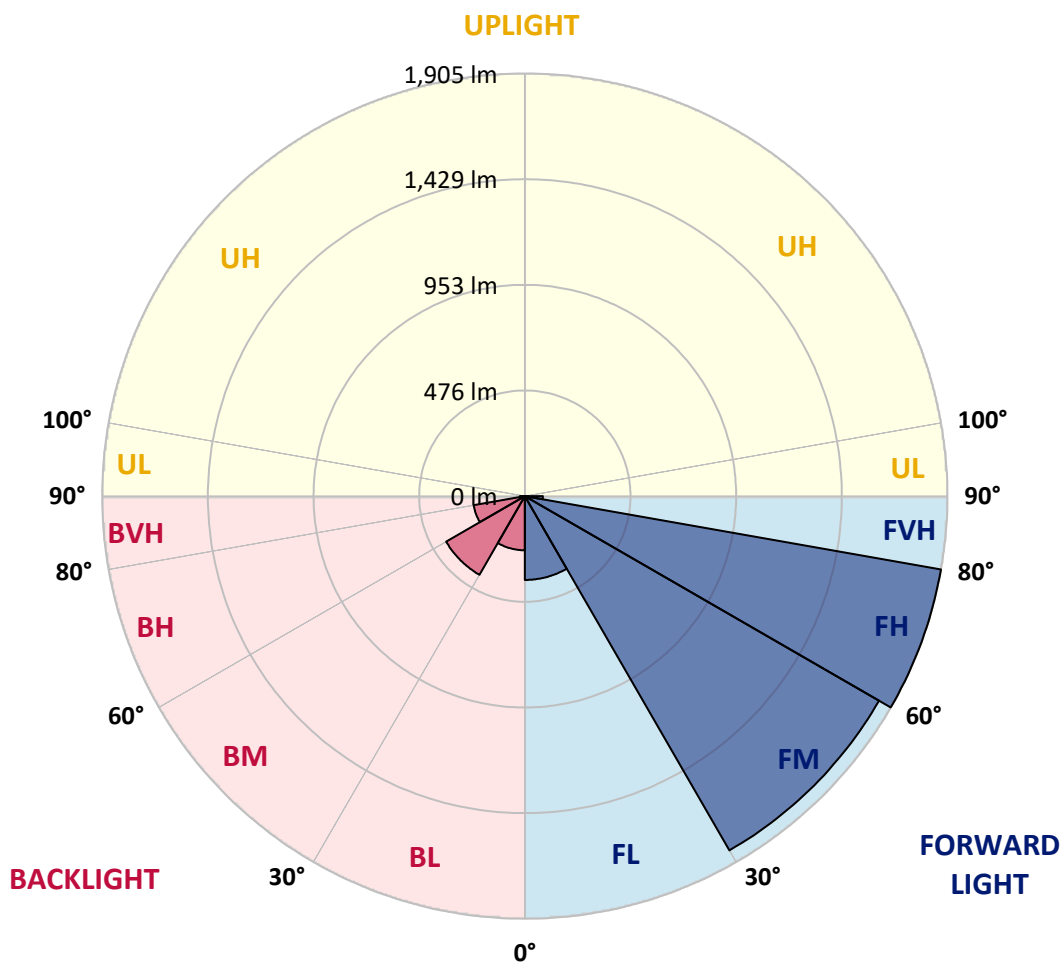
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	377.8	7.4			
FM (30°-60°)	1843.9	36.0			
FH (60°-80°)	1905.0	37.2			G2/5000
FVH (80°-90°)	81.2	1.6			G1/100
BL (0°-30°)	244.1	4.8	B1/500		
BM (30°-60°)	409.4	8.0	B1/1000		
BH (60°-80°)	234.2	4.6	B1/500		G1/500
BVH (80°-90°)	22.9	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°	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9
2.5°	801.5	805.9	809.9	814.0	817.3	826.1	828.0	837.6	840.1	842.4	845.3
5°	756.5	759.8	763.9	770.5	777.5	793.4	804.4	825.4	837.2	840.9	851.2
7.5°	732.2	733.3	738.9	744.4	752.5	767.9	783.1	815.8	839.4	843.5	865.6
10°	714.5	716.0	721.2	728.9	737.0	751.4	770.2	809.2	847.5	853.8	885.1
12.5°	708.3	707.5	713.4	718.6	730.0	748.1	767.6	809.6	858.6	867.4	913.4
15°	733.3	728.5	732.2	730.4	734.1	751.7	774.9	817.7	872.2	883.2	942.9
17.5°	788.6	784.5	781.9	766.1	755.8	765.7	787.8	829.1	886.5	898.3	969.4
20°	871.1	859.7	850.1	823.6	794.8	791.5	807.0	840.5	900.2	911.6	997.4
22.5°	965.0	955.8	940.3	893.9	849.3	827.2	831.3	861.5	920.1	932.6	1029.5
25°	1083.6	1083.2	1051.6	988.9	921.5	877.0	868.5	895.0	942.5	954.7	1056.0
27.5°	1218.8	1209.6	1172.0	1091.3	1006.6	938.5	918.6	929.3	960.6	973.1	1077.3
30°	1334.4	1335.5	1297.2	1209.2	1097.2	998.5	960.9	954.0	972.4	984.9	1097.2
32.5°	1458.2	1451.9	1416.9	1326.3	1195.2	1063.0	988.2	971.6	984.5	996.3	1124.9
35°	1574.6	1567.6	1537.4	1439.8	1303.1	1134.1	1025.0	999.3	1013.3	1026.1	1158.7
37.5°	1685.4	1686.5	1652.3	1559.1	1407.7	1218.0	1079.5	1040.9	1056.0	1070.3	1210.3
40°	1782.3	1776.8	1750.3	1666.3	1516.4	1303.5	1141.1	1097.6	1127.1	1140.3	1275.5
42.5°	1813.2	1812.9	1823.2	1771.6	1630.6	1405.1	1217.7	1186.0	1227.6	1247.5	1355.4
45°	1786.4	1794.5	1854.1	1852.7	1744.7	1521.9	1322.3	1293.5	1353.6	1376.0	1453.0
47.5°	1759.8	1772.0	1853.0	1899.1	1847.1	1650.4	1450.8	1429.5	1515.6	1548.1	1554.3
50°	1721.2	1732.6	1829.1	1905.7	1909.7	1780.5	1617.3	1590.4	1701.3	1734.4	1664.4
52.5°	1678.1	1686.9	1786.7	1900.9	1939.6	1882.1	1780.5	1772.7	1900.2	1927.1	1776.4
55°	1440.1	1477.7	1724.5	1890.6	1960.2	1959.8	1939.2	1964.6	2117.1	2157.3	1901.3
57.5°	1303.5	1323.4	1549.2	1884.7	1998.9	2031.7	2103.1	2157.6	2348.8	2384.9	2039.0
60°	1258.9	1276.6	1461.1	1877.7	2075.9	2144.0	2263.3	2351.7	2597.8	2642.0	2193.0
62.5°	1218.4	1239.8	1425.4	1822.1	2169.0	2321.9	2454.5	2561.7	2860.4	2912.7	2346.2
65°	1135.9	1151.0	1359.8	1775.3	2257.4	2575.7	2730.4	2793.0	3114.9	3173.8	2447.9
67.5°	993.4	1007.7	1212.1	1667.8	2314.9	2839.8	3032.0	3032.4	3311.6	3359.8	2469.2
70°	825.8	836.8	999.3	1433.5	2195.2	3009.2	3304.2	3188.9	3367.2	3388.2	2367.6
72.5°	590.4	600.0	731.9	1059.7	1800.0	2871.8	3366.1	3182.3	3232.4	3225.8	2078.4
75°	363.9	382.3	448.2	646.8	1118.6	2259.6	3029.4	2883.6	2714.2	2695.7	1565.0
77.5°	237.2	246.8	303.1	381.6	493.6	1297.2	2300.9	2162.0	1713.8	1692.4	841.2
80°	142.5	158.4	198.5	239.8	223.6	496.1	1313.8	1074.0	605.5	598.9	258.6
82.5°	76.6	91.0	140.0	148.4	125.6	175.3	475.9	349.2	193.7	191.5	96.9
85°	60.8	67.8	100.6	93.9	71.1	88.8	185.6	145.5	99.4	97.2	36.5
87.5°	36.8	46.4	76.2	63.4	35.4	32.0	85.1	68.9	46.8	43.5	14.4
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°	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9	847.9
2.5°	850.8	852.7	854.5	850.8	852.3	850.5	850.5	850.5	845.7	844.2	848.6
5°	858.9	861.5	863.0	851.6	844.6	834.2	825.8	812.9	805.5	800.7	800.7
7.5°	875.5	878.4	871.8	846.4	821.7	794.1	765.7	742.2	725.2	717.9	720.1
10°	899.8	900.9	878.8	832.0	779.4	728.2	688.0	656.7	635.7	625.0	623.6
12.5°	928.2	923.4	880.3	800.4	722.3	653.4	604.4	563.9	537.0	526.7	521.5
15°	956.2	944.7	874.8	762.4	657.5	574.6	512.0	473.7	457.1	452.3	450.5
17.5°	981.2	959.8	856.3	707.9	582.3	482.5	436.5	422.8	424.7	429.1	430.9
20°	1004.0	971.3	829.8	643.1	488.4	410.7	399.3	411.8	422.1	428.7	429.8
22.5°	1029.1	982.3	793.0	564.3	411.4	377.5	391.2	405.5	415.8	422.5	423.6
25°	1048.2	981.9	741.1	470.7	362.8	368.7	384.9	397.8	405.5	410.3	409.9
27.5°	1060.4	973.1	672.9	393.7	343.6	362.4	377.9	386.4	390.8	394.5	394.1
30°	1064.1	956.2	587.1	337.0	334.8	356.5	368.3	373.5	376.8	380.5	380.5
32.5°	1071.4	930.0	492.4	305.3	328.2	350.6	357.6	361.7	359.1	349.9	348.1
35°	1079.5	900.9	402.9	290.6	321.9	346.6	353.2	342.5	314.5	310.9	309.4
37.5°	1095.4	874.0	327.1	280.3	320.4	348.8	354.3	311.6	288.0	276.6	274.8
40°	1122.3	847.1	276.2	272.9	322.3	358.4	339.6	296.9	257.8	236.1	232.4
42.5°	1157.6	814.4	247.5	269.2	327.4	373.8	334.4	275.9	233.1	218.4	216.2
45°	1198.5	770.9	233.9	268.5	333.7	381.6	335.9	258.9	222.1	210.7	209.9
47.5°	1240.9	728.2	228.0	267.8	341.4	378.3	315.7	253.8	217.7	214.4	216.6
50°	1286.5	679.6	223.2	265.9	347.7	378.3	304.6	252.7	219.2	226.5	233.9
52.5°	1329.3	638.7	217.7	260.4	350.3	371.6	301.3	256.7	221.4	219.5	221.7
55°	1381.2	617.7	214.7	252.7	345.5	351.4	297.2	267.8	223.2	208.1	208.1
57.5°	1440.5	613.3	210.3	242.4	330.0	323.4	296.9	274.4	218.4	204.4	201.8
60°	1512.0	622.8	204.8	229.5	311.2	301.7	294.3	274.4	210.7	198.2	199.3
62.5°	1569.8	621.7	201.5	218.0	286.2	279.2	289.5	270.7	207.7	197.4	197.1
65°	1583.4	598.2	191.9	203.3	255.2	251.9	284.3	261.5	203.7	193.4	190.4
67.5°	1537.4	544.7	177.5	183.8	222.5	222.8	275.1	249.4	198.2	191.2	186.4
70°	1406.6	440.5	156.2	160.2	187.1	191.9	261.5	235.0	188.9	181.6	170.2
72.5°	1177.2	316.8	131.5	132.6	148.8	161.3	237.9	215.5	175.3	158.0	145.9
75°	871.4	210.3	107.2	105.7	111.6	131.1	203.3	193.7	157.6	131.1	124.9
77.5°	460.8	124.5	82.5	82.9	79.2	100.6	161.3	168.3	140.0	110.5	104.2
80°	157.6	74.8	59.3	61.9	56.0	71.8	119.7	140.0	119.7	92.1	81.4
82.5°	72.2	45.7	42.4	44.2	40.1	48.6	82.1	106.1	95.4	67.0	54.1
85°	36.5	27.3	27.3	29.8	26.5	25.0	45.3	70.3	70.0	46.0	39.8
87.5°	15.1	13.3	12.5	14.4	12.5	9.6	12.9	25.4	36.8	27.6	17.7
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)