

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: P674372

Luminaire Tested: **CCP-SA-1C-722-U-AFL-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674372
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-722-U-AFL-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ AFL distribution lens and House Side Shield
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

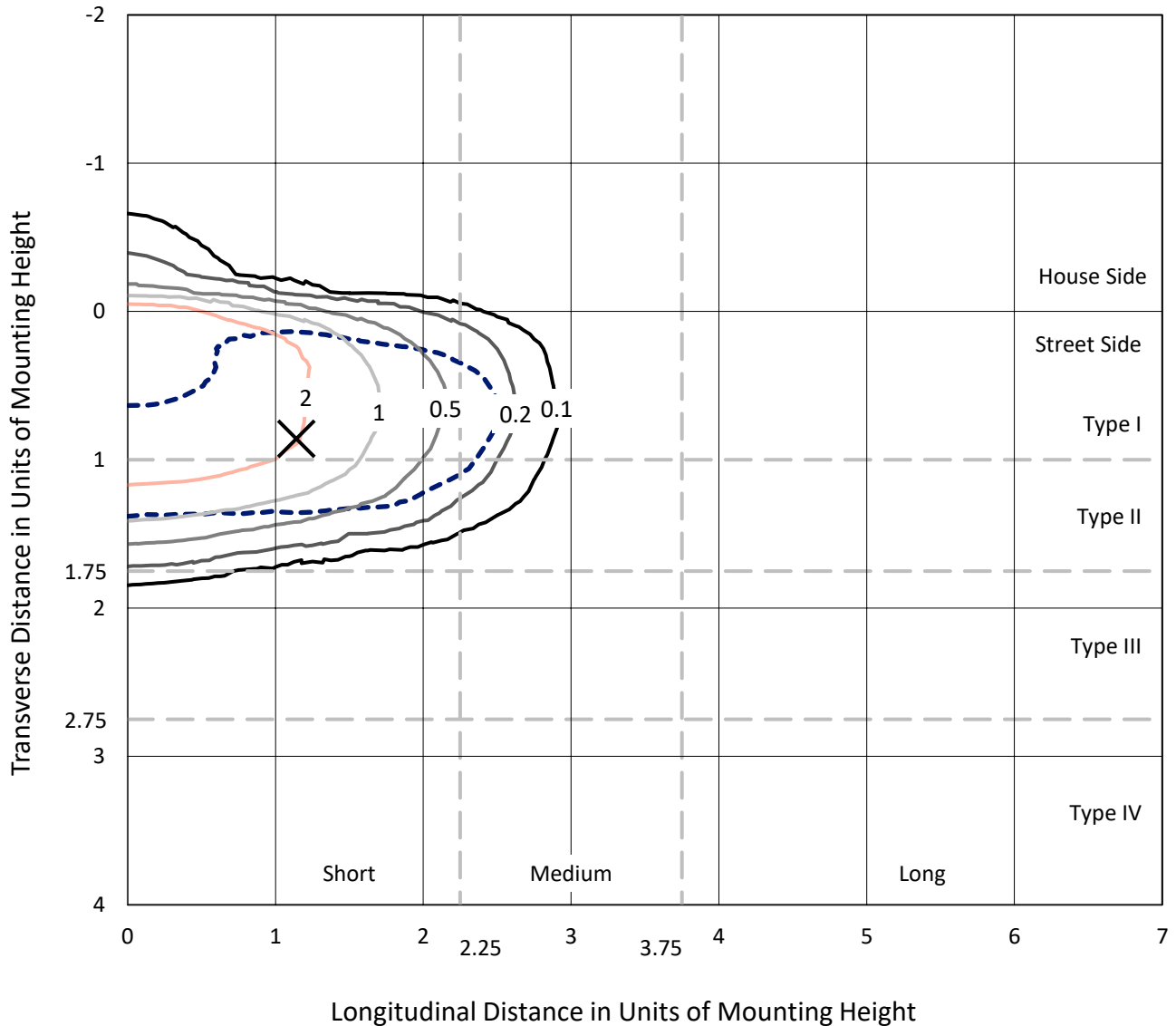
Lumens per Lamp: N/A
Luminaire Lumens: 2761.7 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G0

Input Watts (W): 32
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

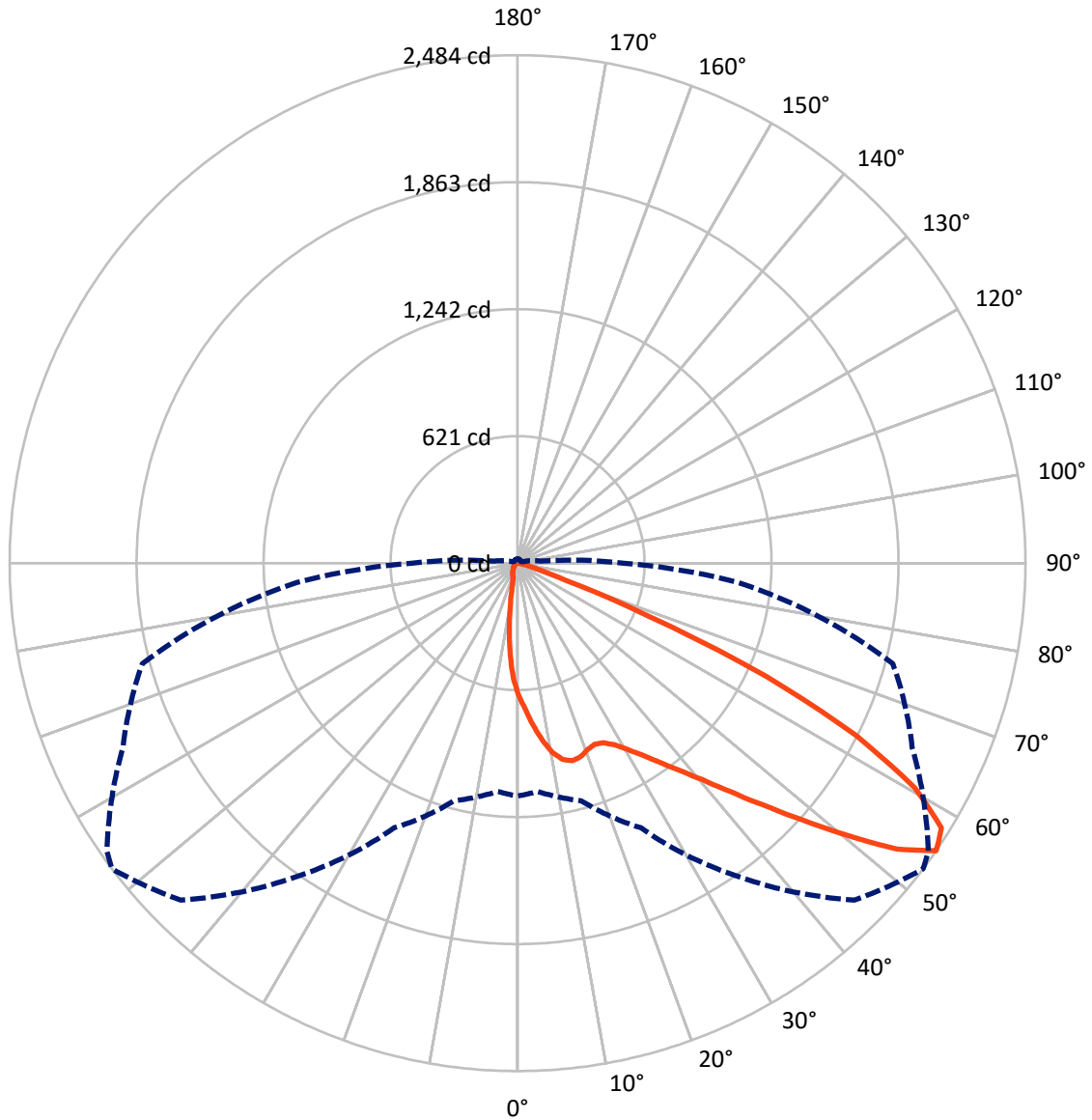
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 53-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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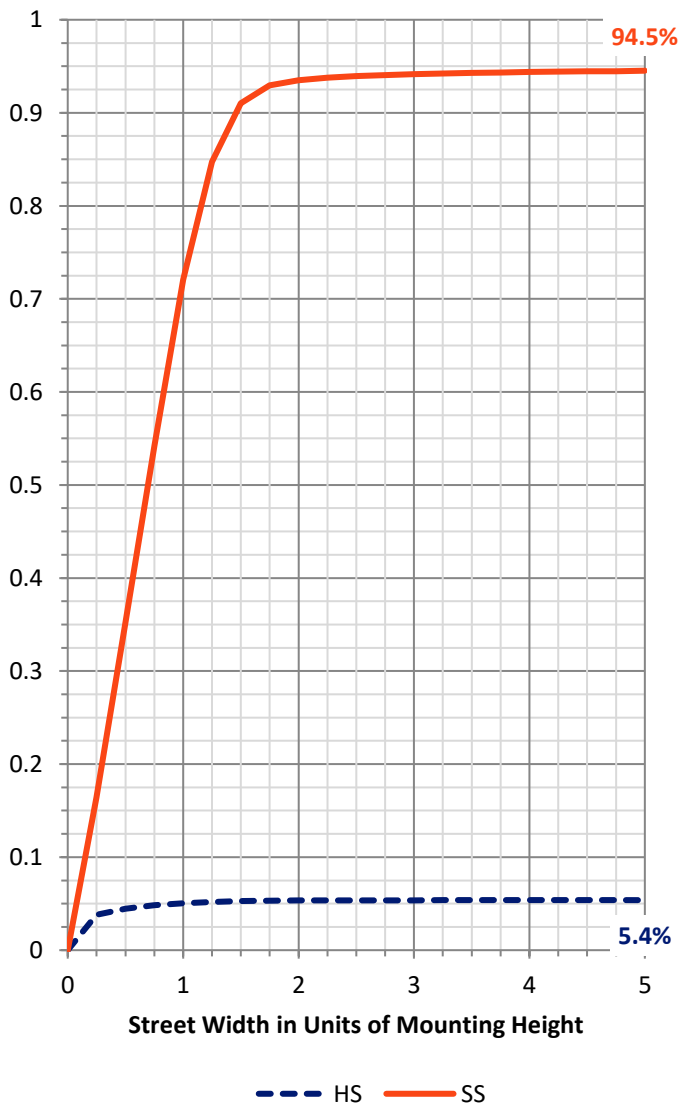
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	149.3	0.0	149.3
	% Fixture	5.4	0.0	5.4
Street Side	Lumens	2612.4	0.0	2612.4
	% Fixture	94.6	0.0	94.6
Total	Lumens	2761.7	0.0	2761.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.8	2.1
10°-20°	151.0	5.5
20°-30°	252.7	9.2
30°-40°	413.4	15.0
40°-50°	664.6	24.1
50°-60°	750.3	27.2
60°-70°	400.2	14.5
70°-80°	65.8	2.4
80°-90°	5.9	0.2
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°	2761.7	100.0
0°-180°	2761.7	100.0



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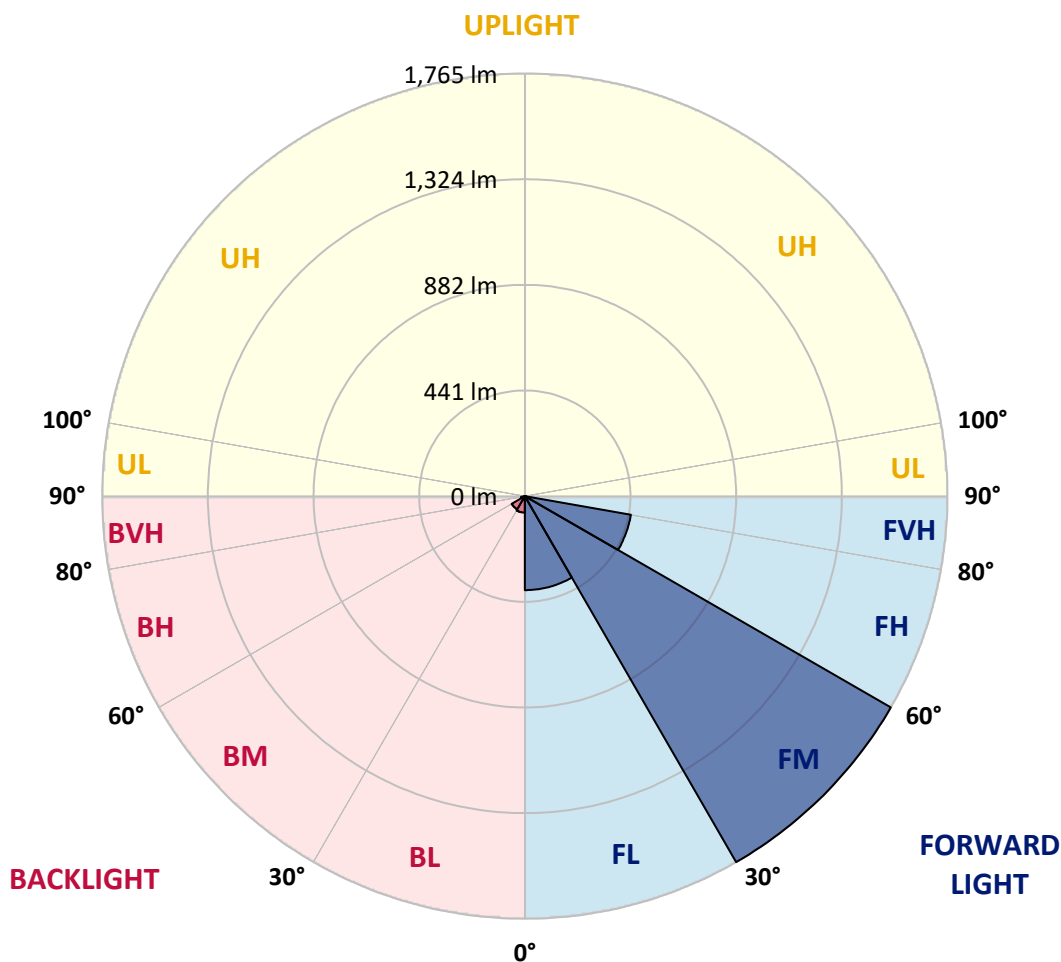
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	392.6	14.2			
FM (30°-60°)	1764.8	63.9			
FH (60°-80°)	449.7	16.3			G0/660
FVH (80°-90°)	5.4	0.2			G0/10
BL (0°-30°)	68.9	2.5	B0/110		
BM (30°-60°)	63.6	2.3	B0/220		
BH (60°-80°)	16.3	0.6	B0/110		G0/110
BVH (80°-90°)	0.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	53°	55°	65°	75°	85°
0°	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3
2.5°	775.0	770.4	773.1	766.1	753.3	737.3	713.3	714.5	695.7	679.2	656.5
5°	903.0	898.2	896.8	878.8	860.9	832.1	796.6	790.8	756.2	714.3	666.6
7.5°	970.6	966.4	969.6	963.1	945.4	919.3	874.2	869.9	816.4	753.0	682.8
10°	939.6	938.1	951.4	966.9	981.2	978.1	942.0	935.2	875.2	795.6	699.5
12.5°	856.3	860.9	877.9	906.4	950.5	991.8	986.0	987.2	935.2	841.8	717.9
15°	807.5	813.0	822.7	837.5	891.7	965.2	1002.7	1014.8	992.8	893.4	739.7
17.5°	803.3	807.9	809.4	815.0	846.7	922.4	996.0	1018.9	1044.1	942.0	764.1
20°	835.0	837.0	835.8	831.7	843.0	899.2	974.7	1007.6	1086.5	993.8	785.7
22.5°	894.8	891.9	888.3	873.0	872.3	905.7	963.1	997.4	1111.6	1036.6	800.0
25°	968.9	962.8	957.7	936.2	926.0	939.8	973.5	1001.0	1134.4	1078.2	810.1
27.5°	1049.7	1051.6	1039.0	1010.0	994.0	991.1	1005.6	1026.2	1156.4	1115.5	815.7
30°	1136.1	1137.0	1120.6	1090.6	1076.1	1057.4	1056.5	1068.8	1180.1	1158.3	821.0
32.5°	1234.5	1237.2	1210.3	1179.1	1153.7	1129.5	1117.7	1128.1	1222.7	1214.2	831.9
35°	1376.8	1365.2	1328.9	1281.7	1245.7	1214.0	1195.8	1202.6	1279.3	1281.2	853.7
37.5°	1523.5	1522.2	1482.1	1414.1	1355.0	1315.6	1284.6	1295.8	1358.9	1371.0	888.5
40°	1660.2	1663.3	1628.5	1569.2	1493.2	1425.5	1392.3	1399.8	1464.7	1479.9	930.9
42.5°	1749.5	1747.8	1750.4	1733.5	1657.3	1577.4	1527.6	1531.7	1587.6	1595.6	983.9
45°	1790.6	1784.1	1806.8	1860.5	1830.3	1746.3	1689.5	1684.4	1715.1	1712.9	1032.0
47.5°	1755.0	1742.9	1795.2	1924.7	1983.2	1957.8	1876.5	1867.3	1841.2	1823.7	1082.1
50°	1578.1	1572.8	1684.6	1894.2	2079.3	2153.3	2093.5	2059.4	1953.7	1905.5	1108.5
52.5°	1410.0	1395.2	1470.7	1738.6	2036.4	2310.6	2322.9	2262.2	2047.1	1929.0	1099.5
55°	1139.0	1120.8	1203.1	1428.4	1866.8	2330.7	2484.1	2452.4	2128.9	1900.0	1081.4
57.5°	691.8	673.9	794.9	1023.1	1493.0	2163.7	2444.4	2476.6	2191.8	1868.0	1069.5
60°	290.9	279.5	326.9	488.3	953.4	1778.3	2233.9	2314.2	2203.6	1824.2	1074.4
62.5°	151.2	146.2	148.8	195.5	385.5	1170.9	1859.3	1999.2	2084.1	1804.9	1079.2
65°	113.5	109.6	101.1	107.4	149.8	506.2	1336.2	1523.5	1825.0	1755.8	1046.5
67.5°	93.2	89.5	83.5	81.5	88.3	175.7	682.1	925.5	1430.1	1546.4	929.4
70°	74.3	73.1	71.1	67.5	66.3	85.2	244.6	377.2	945.6	1090.6	673.7
72.5°	61.9	62.2	60.0	56.9	52.5	54.9	97.5	129.0	457.6	522.9	282.1
75°	51.8	51.8	52.5	48.2	43.8	37.7	54.2	62.9	146.9	120.7	60.3
77.5°	40.7	41.1	44.3	40.7	35.1	23.7	29.5	33.6	43.6	34.8	22.0
80°	32.4	31.9	30.7	36.5	31.5	16.7	14.0	15.5	20.3	16.7	10.9
82.5°	22.7	22.5	21.5	24.7	24.4	12.3	9.2	9.4	12.3	10.6	6.8
85°	5.6	6.5	13.8	11.6	10.2	7.3	5.6	6.0	8.0	7.0	3.6
87.5°	2.4	2.4	6.3	7.5	4.8	3.1	2.4	2.7	4.1	4.1	2.2
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°	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3	646.3
2.5°	648.5	632.8	612.9	591.9	570.3	544.4	528.0	514.4	503.8	495.6	492.7
5°	650.9	620.7	575.7	519.8	462.9	409.7	368.5	338.0	312.9	299.1	293.0
7.5°	650.7	610.5	529.2	435.6	343.1	266.4	212.0	178.3	155.8	146.6	141.1
10°	650.4	597.2	476.2	342.1	229.4	154.4	113.7	94.9	86.6	83.5	83.0
12.5°	657.4	581.9	416.9	251.9	144.0	96.1	79.1	74.8	72.8	71.9	71.6
15°	661.3	567.9	354.5	177.8	97.0	76.0	70.7	68.7	68.0	67.5	67.3
17.5°	665.4	546.1	295.2	128.7	77.7	69.0	65.8	64.6	64.1	64.1	64.1
20°	666.2	522.7	236.4	94.9	69.0	64.4	61.2	60.0	59.3	58.8	58.8
22.5°	660.8	494.8	185.8	76.9	63.9	60.0	56.6	54.7	53.5	53.2	53.2
25°	647.5	455.4	142.5	67.5	59.8	55.7	51.5	49.4	48.4	48.4	48.4
27.5°	628.4	408.9	110.1	60.0	54.4	50.3	46.7	44.8	44.5	44.3	44.5
30°	606.6	364.2	84.2	53.2	48.2	44.8	41.9	40.9	41.4	41.4	41.6
32.5°	584.8	319.4	65.8	47.9	42.6	39.7	38.2	38.2	39.0	39.0	39.0
35°	566.2	275.6	55.2	43.6	38.7	36.3	35.6	36.3	36.8	37.0	37.0
37.5°	555.8	237.9	48.6	39.7	35.6	33.6	33.4	34.1	35.1	35.8	36.1
40°	551.9	208.8	44.8	36.8	32.7	31.5	31.2	32.2	33.9	35.1	35.3
42.5°	552.2	183.2	41.4	33.9	30.7	29.0	29.0	30.5	32.2	33.4	33.4
45°	553.9	161.2	38.0	31.0	29.0	26.1	26.4	28.3	29.5	30.7	30.7
47.5°	555.3	143.5	34.4	27.8	25.2	23.7	24.2	25.6	27.3	29.3	29.3
50°	546.9	130.9	30.7	24.4	22.0	21.5	22.5	23.7	26.1	28.1	28.3
52.5°	526.5	119.5	27.6	21.8	19.8	20.1	21.3	22.0	24.0	24.2	24.4
55°	517.6	113.7	25.2	19.8	18.1	18.9	19.6	19.8	19.4	18.1	18.1
57.5°	515.6	109.9	22.7	17.9	16.7	17.7	17.4	16.0	14.5	13.1	12.8
60°	517.6	104.5	20.8	15.5	15.2	15.5	14.8	12.1	10.2	9.2	8.7
62.5°	506.4	96.8	19.1	13.3	13.3	13.1	11.1	8.2	6.5	5.8	5.6
65°	469.7	81.5	17.4	11.1	10.9	10.4	7.5	5.6	4.4	3.6	3.4
67.5°	397.3	63.2	15.7	9.2	8.7	7.3	4.8	3.6	2.4	2.2	1.9
70°	271.0	39.2	13.3	7.3	6.5	4.6	2.9	2.2	1.5	1.2	1.0
72.5°	98.2	22.7	11.1	5.6	4.4	2.9	1.7	1.0	0.7	0.7	0.5
75°	23.2	16.0	8.5	4.1	2.9	1.7	1.0	0.7	0.5	0.5	0.2
77.5°	10.6	12.3	5.6	2.4	1.9	1.2	0.7	0.5	0.2	0.2	0.0
80°	6.0	8.7	2.7	1.7	1.5	1.0	0.5	0.2	0.2	0.0	0.0
82.5°	3.1	4.8	1.9	1.5	1.2	0.7	0.5	0.0	0.0	0.0	0.0
85°	2.2	2.4	1.5	1.2	1.0	0.7	0.5	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.5	1.2	1.0	0.7	0.2	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)