

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: P674438

Luminaire Tested: **CCP-SA-1C-760-U-AFL-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674438
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-760-U-AFL-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ AFL distribution lens and House Side Shield
Light Source: (16) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

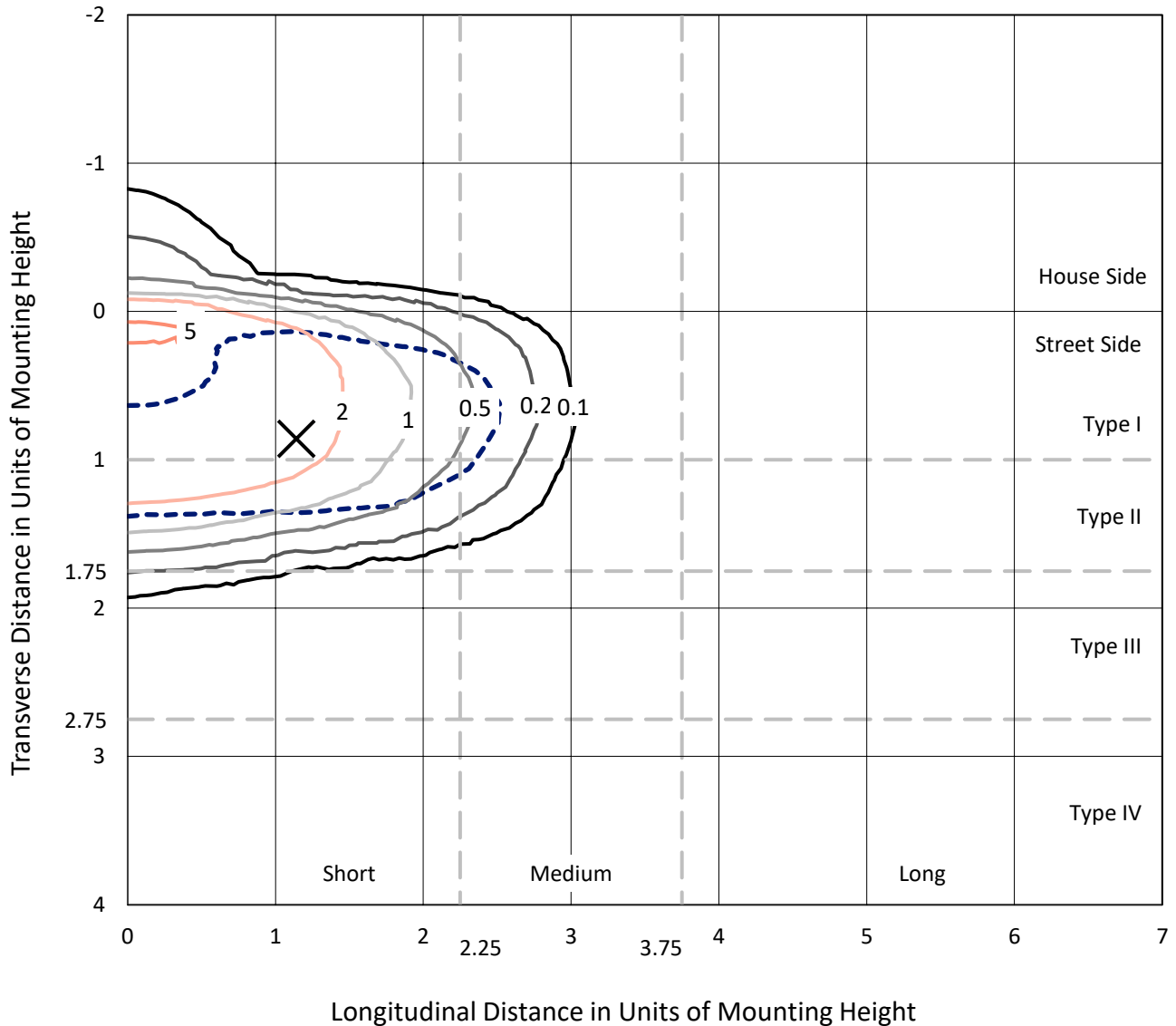
Lumens per Lamp: N/A
Luminaire Lumens: 3835.2 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G0

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

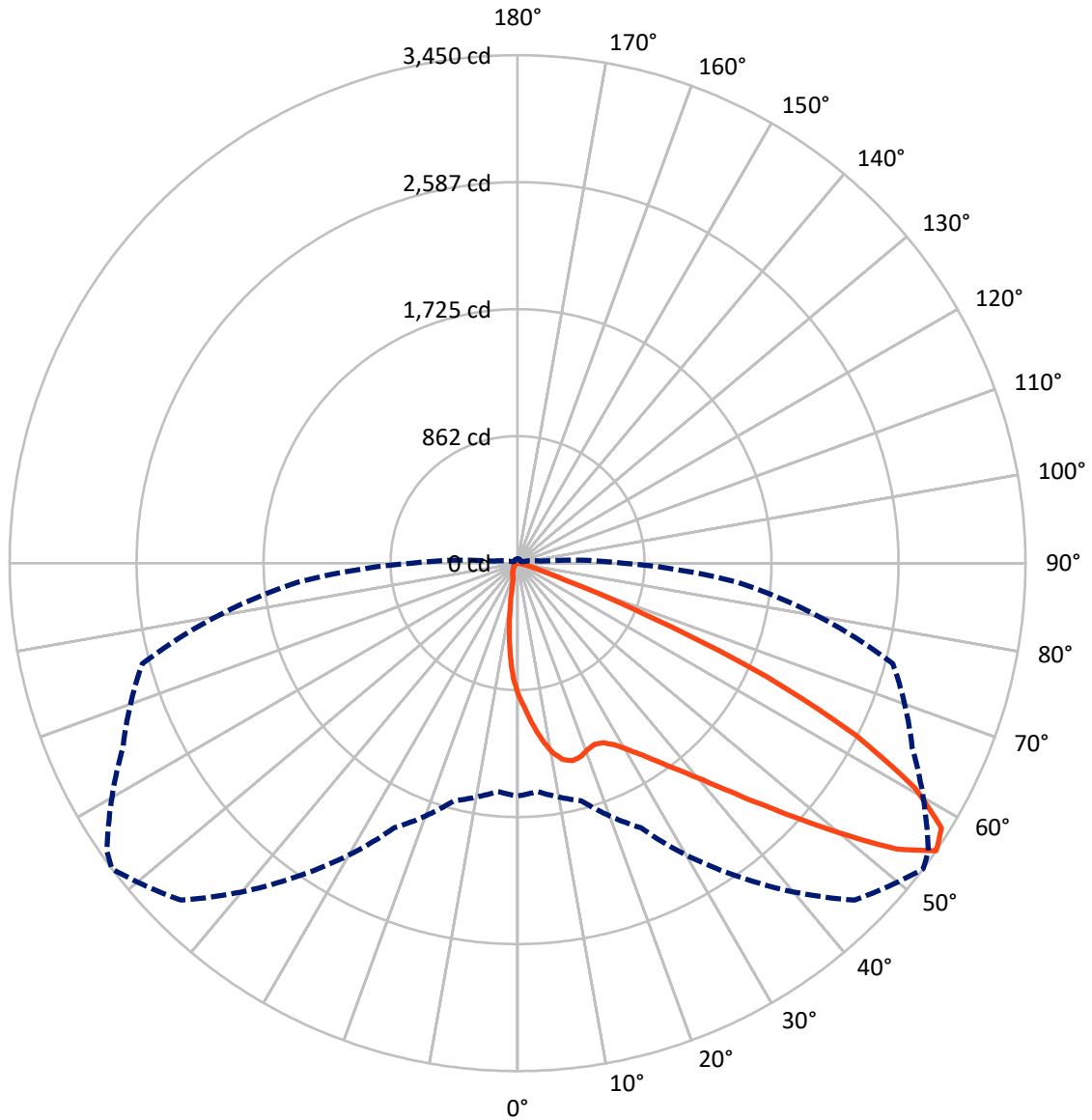
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.8 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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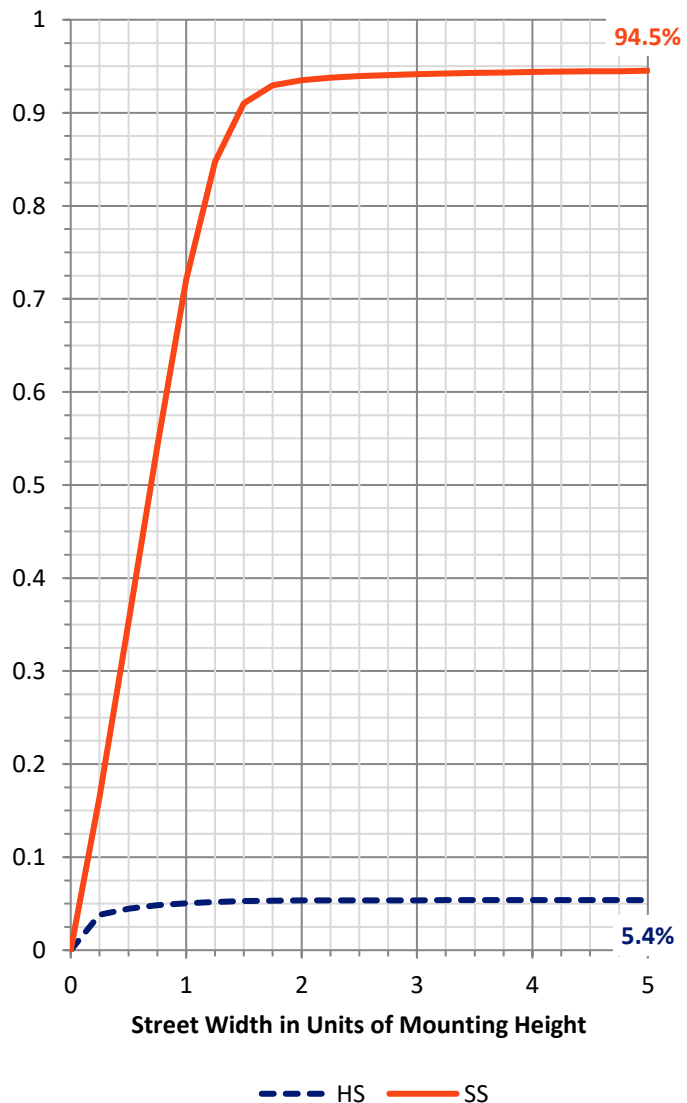
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	207.3	0.0	207.3
	% Fixture	5.4	0.0	5.4
Street Side	Lumens	3627.9	0.0	3627.9
	% Fixture	94.6	0.0	94.6
Total	Lumens	3835.2	0.0	3835.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	2.1
10°-20°	209.7	5.5
20°-30°	350.9	9.2
30°-40°	574.1	15.0
40°-50°	922.9	24.1
50°-60°	1042.0	27.2
60°-70°	555.8	14.5
70°-80°	91.3	2.4
80°-90°	8.2	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°	3835.2	100.0
0°-180°	3835.2	100.0

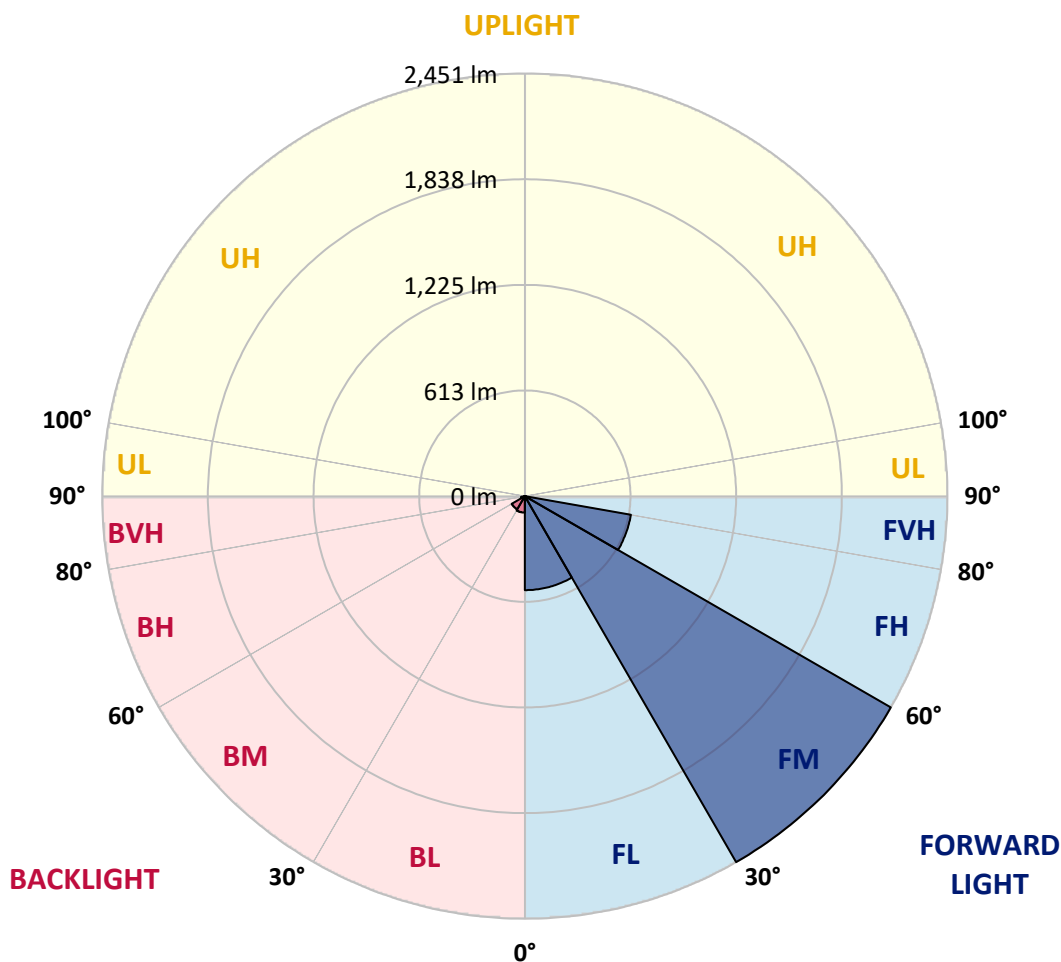


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	545.2	14.2			
FM (30°-60°)	2450.7	63.9			
FH (60°-80°)	624.5	16.3			G0/660
FVH (80°-90°)	7.5	0.2			G0/10
BL (0°-30°)	95.7	2.5	B0/110		
BM (30°-60°)	88.3	2.3	B0/220		
BH (60°-80°)	22.7	0.6	B0/110		G0/110
BVH (80°-90°)	0.7	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°	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5
2.5°	1076.3	1069.9	1073.6	1063.8	1046.0	1023.9	990.6	992.3	966.1	943.2	911.6
5°	1254.0	1247.3	1245.3	1220.4	1195.6	1155.6	1106.2	1098.1	1050.1	991.9	925.7
7.5°	1347.8	1342.1	1346.4	1337.4	1312.8	1276.5	1214.0	1208.0	1133.7	1045.7	948.3
10°	1304.8	1302.8	1321.2	1342.7	1362.6	1358.2	1308.1	1298.7	1215.4	1104.8	971.4
12.5°	1189.2	1195.6	1219.1	1258.7	1319.9	1377.4	1369.3	1371.0	1298.7	1169.0	997.0
15°	1121.3	1129.0	1142.5	1163.0	1238.2	1340.4	1392.5	1409.3	1378.7	1240.6	1027.2
17.5°	1115.6	1122.0	1124.0	1131.7	1175.7	1280.9	1383.1	1415.0	1449.9	1308.1	1061.2
20°	1159.6	1162.3	1160.6	1154.9	1170.7	1248.7	1353.5	1399.2	1508.7	1380.0	1091.1
22.5°	1242.6	1238.6	1233.5	1212.4	1211.4	1257.7	1337.4	1385.1	1543.7	1439.5	1110.9
25°	1345.4	1337.0	1330.0	1300.1	1286.0	1305.1	1351.8	1390.1	1575.3	1497.3	1125.0
27.5°	1457.7	1460.4	1442.9	1402.6	1380.4	1376.3	1396.5	1425.1	1605.8	1549.1	1132.7
30°	1577.6	1579.0	1556.1	1514.5	1494.3	1468.4	1467.1	1484.2	1638.8	1608.5	1140.1
32.5°	1714.4	1718.1	1680.8	1637.4	1602.2	1568.6	1552.1	1566.5	1697.9	1686.2	1155.2
35°	1912.0	1895.8	1845.4	1779.9	1729.8	1685.8	1660.6	1670.0	1776.5	1779.2	1185.5
37.5°	2115.6	2113.9	2058.1	1963.7	1881.7	1827.0	1783.9	1799.4	1887.1	1903.9	1233.9
40°	2305.4	2309.8	2261.4	2179.1	2073.6	1979.5	1933.5	1943.9	2033.9	2055.1	1292.7
42.5°	2429.4	2427.1	2430.8	2407.3	2301.4	2190.5	2121.3	2127.0	2204.6	2215.7	1366.3
45°	2486.6	2477.5	2509.1	2583.7	2541.7	2425.1	2346.1	2339.0	2381.7	2378.7	1433.1
47.5°	2437.2	2420.4	2492.9	2672.7	2754.0	2718.8	2605.9	2593.1	2556.8	2532.6	1502.7
50°	2191.5	2184.1	2339.4	2630.4	2887.4	2990.3	2907.3	2859.9	2713.0	2646.2	1539.3
52.5°	1958.0	1937.5	2042.3	2414.3	2828.0	3208.7	3225.8	3141.5	2842.7	2678.8	1526.9
55°	1581.7	1556.5	1670.7	1983.5	2592.4	3236.6	3449.6	3405.6	2956.3	2638.4	1501.7
57.5°	960.7	935.8	1103.8	1420.7	2073.3	3004.7	3394.5	3439.2	3043.7	2594.1	1485.2
60°	403.9	388.1	454.0	678.1	1323.9	2469.4	3102.2	3213.7	3060.2	2533.3	1491.9
62.5°	210.0	203.0	206.7	271.5	535.3	1626.0	2582.0	2776.2	2894.2	2506.4	1498.7
65°	157.6	152.2	140.5	149.2	208.0	703.0	1855.5	2115.6	2534.3	2438.2	1453.3
67.5°	129.4	124.3	115.9	113.2	122.6	244.0	947.2	1285.3	1985.9	2147.5	1290.7
70°	103.2	101.5	98.8	93.8	92.1	118.3	339.7	523.9	1313.2	1514.5	935.5
72.5°	86.0	86.4	83.3	79.0	72.9	76.3	135.4	179.1	635.4	726.1	391.8
75°	71.9	71.9	72.9	66.9	60.8	52.4	75.3	87.4	204.0	167.7	83.7
77.5°	56.5	57.1	61.5	56.5	48.7	32.9	41.0	46.7	60.5	48.4	30.6
80°	45.0	44.4	42.7	50.7	43.7	23.2	19.5	21.5	28.2	23.2	15.1
82.5°	31.6	31.3	29.9	34.3	33.9	17.1	12.8	13.1	17.1	14.8	9.4
85°	7.7	9.1	19.2	16.1	14.1	10.1	7.7	8.4	11.1	9.7	5.0
87.5°	3.4	3.4	8.7	10.4	6.7	4.4	3.4	3.7	5.7	5.7	3.0
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°	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5
2.5°	900.5	878.7	851.1	821.9	792.0	756.0	733.2	714.4	699.6	688.2	684.1
5°	903.9	861.9	799.4	721.8	642.8	568.9	511.8	469.4	434.5	415.3	406.9
7.5°	903.6	847.8	734.9	604.8	476.5	370.0	294.4	247.6	216.4	203.6	195.9
10°	903.2	829.3	661.3	475.1	318.5	214.4	157.9	131.7	120.3	115.9	115.3
12.5°	913.0	808.1	579.0	349.8	199.9	133.4	109.9	103.8	101.1	99.8	99.5
15°	918.3	788.6	492.3	247.0	134.7	105.5	98.1	95.4	94.4	93.8	93.4
17.5°	924.1	758.4	409.9	178.8	107.9	95.8	91.4	89.7	89.0	89.0	89.0
20°	925.1	725.8	328.3	131.7	95.8	89.4	85.0	83.3	82.3	81.7	81.7
22.5°	917.7	687.2	258.1	106.9	88.7	83.3	78.6	75.9	74.3	73.9	73.9
25°	899.2	632.4	197.9	93.8	83.0	77.3	71.6	68.5	67.2	67.2	67.2
27.5°	872.6	567.9	152.9	83.3	75.6	69.9	64.9	62.2	61.8	61.5	61.8
30°	842.4	505.7	116.9	73.9	66.9	62.2	58.1	56.8	57.5	57.5	57.8
32.5°	812.2	443.5	91.4	66.5	59.1	55.1	53.1	53.1	54.1	54.1	54.1
35°	786.3	382.7	76.6	60.5	53.8	50.4	49.4	50.4	51.1	51.4	51.4
37.5°	771.8	330.3	67.5	55.1	49.4	46.7	46.4	47.4	48.7	49.7	50.1
40°	766.5	290.0	62.2	51.1	45.4	43.7	43.3	44.7	47.0	48.7	49.1
42.5°	766.8	254.4	57.5	47.0	42.7	40.3	40.3	42.3	44.7	46.4	46.4
45°	769.2	223.8	52.8	43.0	40.3	36.3	36.6	39.3	41.0	42.7	42.7
47.5°	771.2	199.3	47.7	38.6	34.9	32.9	33.6	35.6	38.0	40.7	40.7
50°	759.4	181.8	42.7	33.9	30.6	29.9	31.3	32.9	36.3	39.0	39.3
52.5°	731.2	166.0	38.3	30.2	27.6	27.9	29.6	30.6	33.3	33.6	33.9
55°	718.8	157.9	34.9	27.6	25.2	26.2	27.2	27.6	26.9	25.2	25.2
57.5°	716.1	152.6	31.6	24.9	23.2	24.5	24.2	22.2	20.2	18.1	17.8
60°	718.8	145.2	28.9	21.5	21.2	21.5	20.5	16.8	14.1	12.8	12.1
62.5°	703.3	134.4	26.5	18.5	18.5	18.1	15.5	11.4	9.1	8.1	7.7
65°	652.2	113.2	24.2	15.5	15.1	14.4	10.4	7.7	6.0	5.0	4.7
67.5°	551.7	87.7	21.8	12.8	12.1	10.1	6.7	5.0	3.4	3.0	2.7
70°	376.3	54.4	18.5	10.1	9.1	6.4	4.0	3.0	2.0	1.7	1.3
72.5°	136.4	31.6	15.5	7.7	6.0	4.0	2.4	1.3	1.0	1.0	0.7
75°	32.3	22.2	11.8	5.7	4.0	2.4	1.3	1.0	0.7	0.7	0.3
77.5°	14.8	17.1	7.7	3.4	2.7	1.7	1.0	0.7	0.3	0.3	0.0
80°	8.4	12.1	3.7	2.4	2.0	1.3	0.7	0.3	0.3	0.0	0.0
82.5°	4.4	6.7	2.7	2.0	1.7	1.0	0.7	0.0	0.0	0.0	0.0
85°	3.0	3.4	2.0	1.7	1.3	1.0	0.7	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.0	1.7	1.3	1.0	0.3	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)