

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: P674682

Luminaire Tested: **CCP-SA-1C-730-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674682
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-730-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

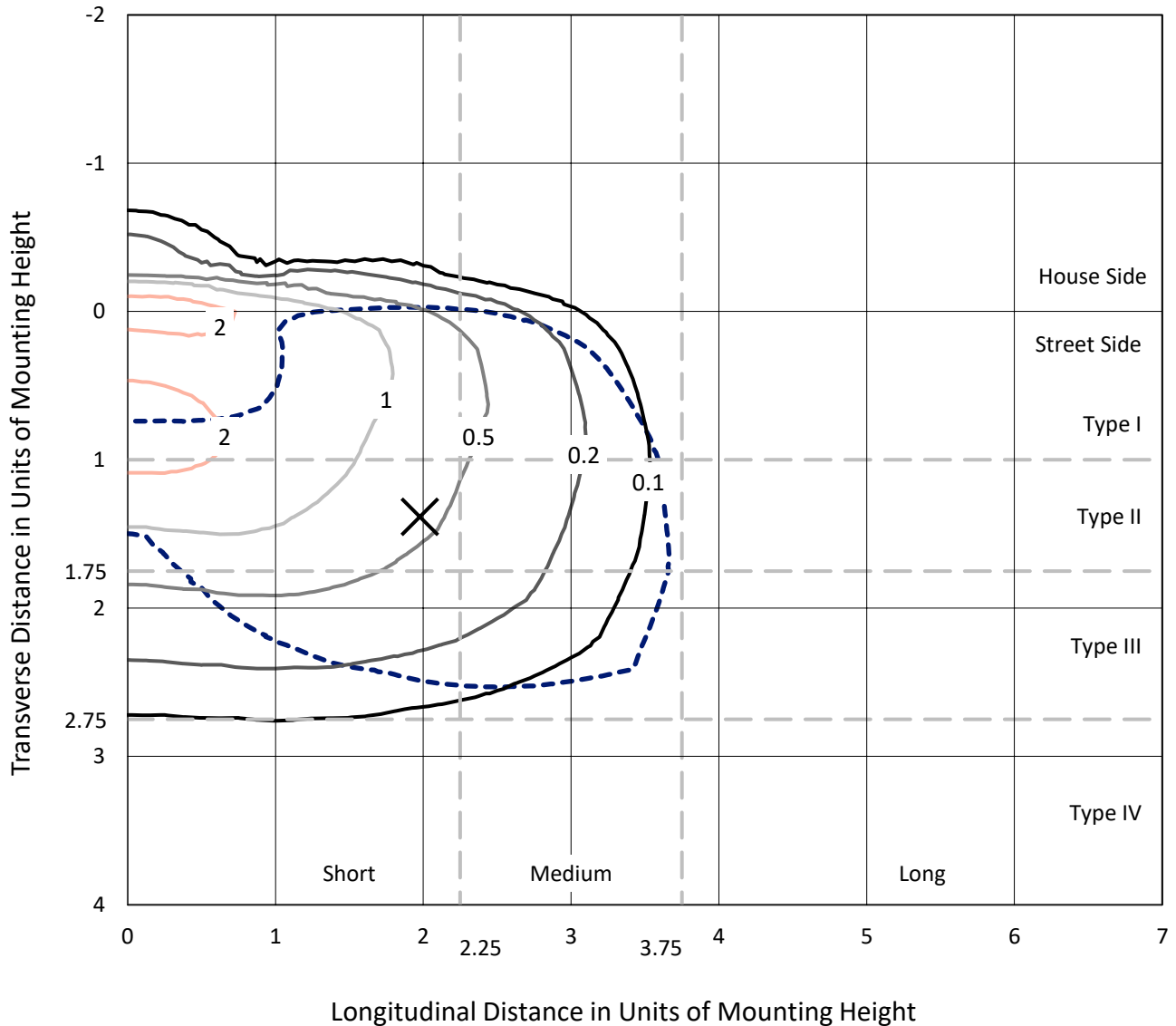
Lumens per Lamp: N/A
Luminaire Lumens: 3265.2 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

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

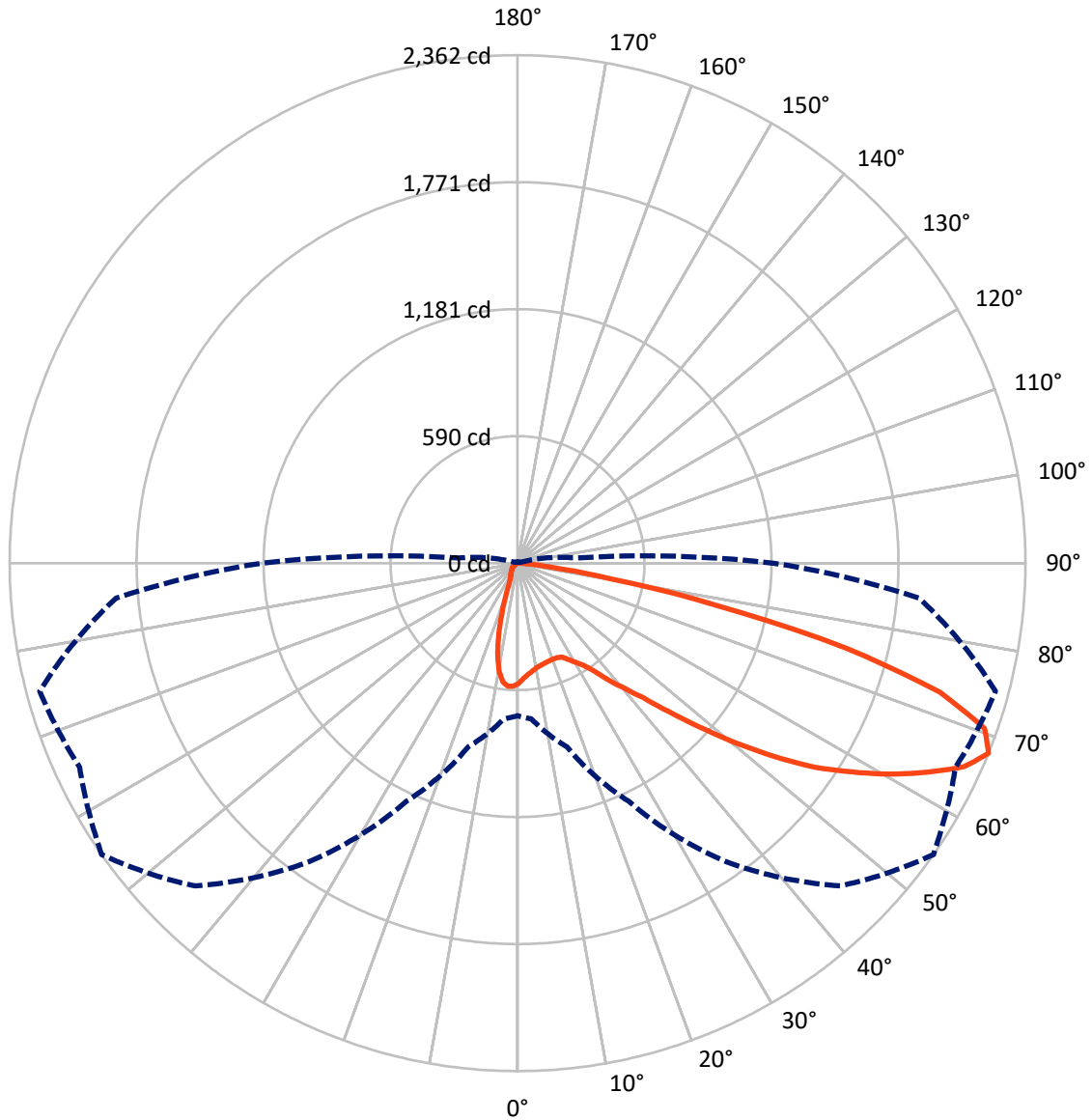
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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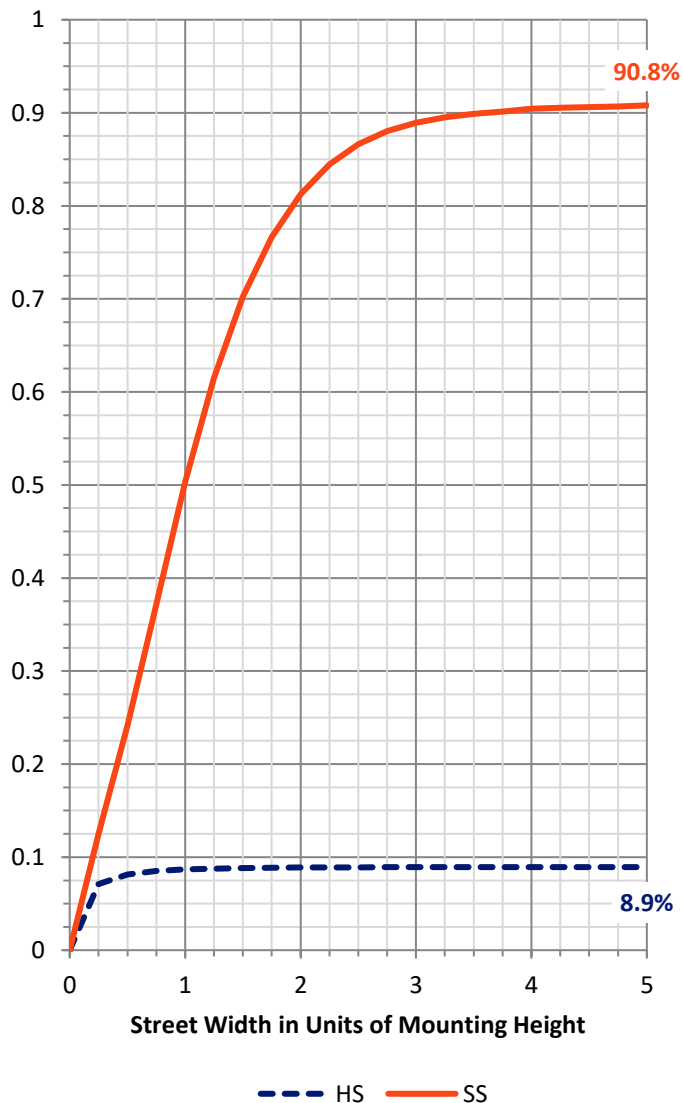
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	293.3	0.0	293.3
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	2971.9	0.0	2971.9
	% Fixture	91.0	0.0	91.0
Total	Lumens	3265.2	0.0	3265.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	1.5
10°-20°	111.8	3.4
20°-30°	179.4	5.5
30°-40°	311.1	9.5
40°-50°	518.8	15.9
50°-60°	758.6	23.2
60°-70°	884.6	27.1
70°-80°	429.3	13.1
80°-90°	22.4	0.7
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°	3265.2	100.0
0°-180°	3265.2	100.0



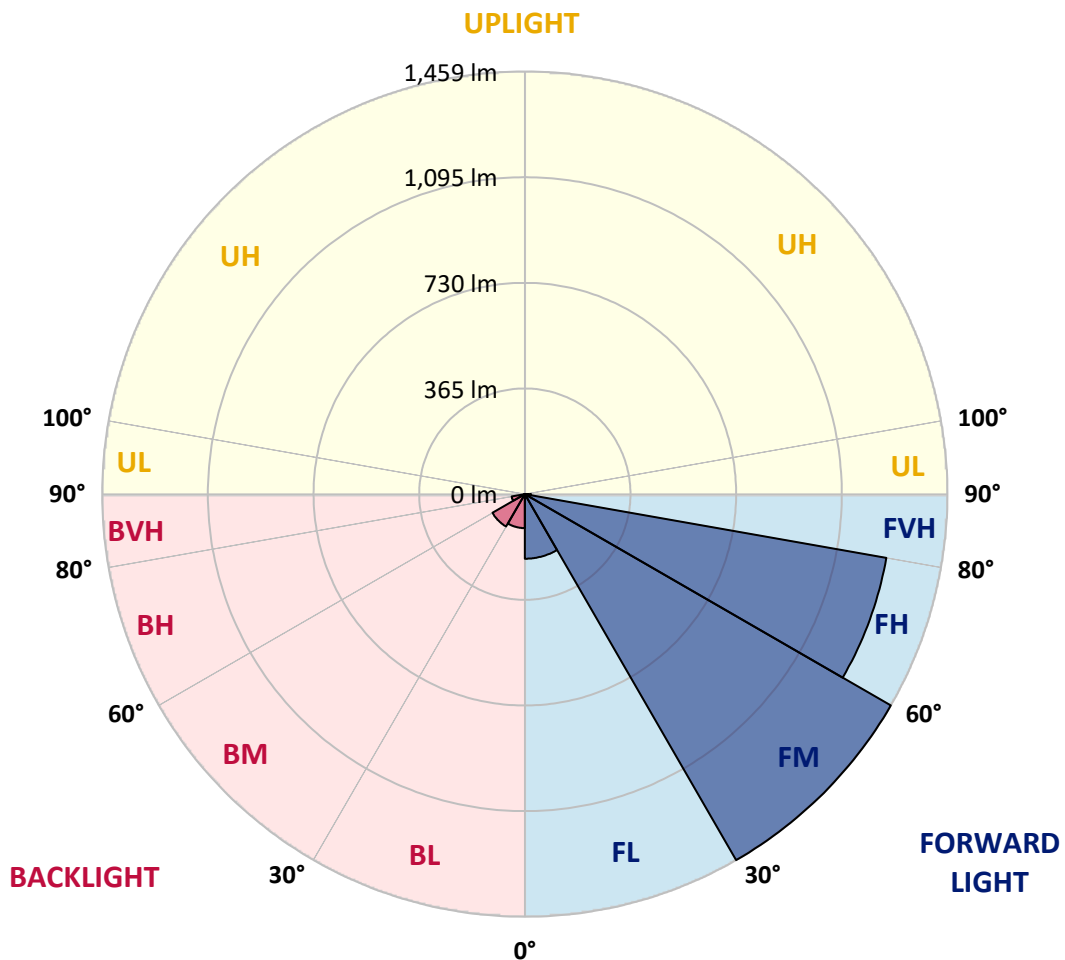
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	223.1	6.8			
FM (30°-60°)	1459.4	44.7			
FH (60°-80°)	1267.6	38.8			G1/1800
FVH (80°-90°)	21.8	0.7			G1/100
BL (0°-30°)	117.3	3.6	B1/500		
BM (30°-60°)	129.1	4.0	B0/220		
BH (60°-80°)	46.3	1.4	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: B1-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6
2.5°	516.5	519.9	524.1	525.6	530.7	537.9	535.8	534.3	542.4	553.5	557.2
5°	484.4	484.7	491.3	496.1	504.8	511.7	519.3	518.6	533.4	552.3	564.4
7.5°	452.8	453.4	460.3	467.8	480.4	494.0	505.4	504.8	528.6	553.8	576.7
10°	411.2	414.3	422.7	435.9	455.8	477.1	493.1	494.6	523.2	559.6	593.6
12.5°	377.9	379.4	388.7	405.8	429.3	457.3	487.1	486.2	524.4	570.1	615.5
15°	363.7	362.8	368.5	381.2	407.9	443.1	481.0	483.1	528.6	582.1	638.4
17.5°	367.0	366.1	369.1	373.6	392.6	431.4	477.7	481.3	535.2	594.8	659.7
20°	403.7	397.4	392.0	387.2	389.9	421.8	475.6	479.5	539.1	604.4	682.3
22.5°	474.4	466.6	452.2	425.4	407.6	422.4	476.2	481.3	547.8	620.0	709.7
25°	589.6	582.1	551.1	496.4	449.5	444.0	484.4	489.8	568.0	643.8	738.9
27.5°	742.2	725.3	687.7	609.2	518.6	478.6	508.7	514.7	596.6	662.1	758.7
30°	868.8	864.9	828.8	732.5	614.0	529.5	536.1	539.4	609.5	673.3	778.6
32.5°	1000.3	992.2	959.1	865.5	724.7	602.0	566.8	568.3	626.3	689.8	807.5
35°	1114.6	1107.1	1079.4	988.6	854.1	699.5	617.6	614.3	661.2	726.2	846.6
37.5°	1220.5	1219.6	1195.2	1102.6	970.2	800.5	692.5	689.8	715.7	766.2	899.5
40°	1324.0	1321.6	1300.8	1216.3	1084.5	901.3	763.8	756.9	762.0	822.2	969.3
42.5°	1387.5	1392.6	1399.8	1346.3	1220.2	1019.5	854.1	849.9	849.0	909.7	1061.1
45°	1421.8	1430.8	1473.2	1468.4	1364.0	1166.7	982.5	971.7	968.1	1030.1	1166.1
47.5°	1455.2	1459.1	1528.6	1557.8	1501.8	1320.1	1137.8	1122.7	1108.0	1176.9	1291.5
50°	1457.3	1463.6	1549.6	1620.6	1617.3	1471.1	1312.0	1298.7	1281.9	1355.6	1413.9
52.5°	1427.8	1440.4	1546.9	1660.3	1688.9	1604.4	1492.8	1481.9	1468.1	1523.2	1517.1
55°	1224.1	1245.5	1494.0	1663.9	1739.2	1718.7	1674.5	1659.4	1645.9	1685.0	1618.2
57.5°	1127.2	1139.3	1333.3	1661.2	1803.2	1824.6	1832.1	1825.2	1806.2	1855.0	1723.8
60°	1069.2	1086.6	1256.6	1631.2	1872.4	1944.3	1991.6	1977.7	1954.6	2021.6	1836.9
62.5°	999.7	1012.3	1180.2	1544.5	1913.6	2066.2	2141.1	2128.4	2080.6	2175.4	1928.4
65°	871.5	890.5	1058.7	1408.2	1858.3	2155.5	2281.9	2277.7	2194.6	2291.5	1953.4
67.5°	709.4	726.5	883.3	1221.4	1696.4	2122.1	2361.6	2348.4	2246.4	2300.2	1874.2
70°	532.5	541.8	660.0	933.2	1389.9	1943.7	2303.8	2301.1	2167.9	2170.9	1631.5
72.5°	285.8	311.7	438.9	624.5	977.4	1574.3	2053.2	2042.4	1934.1	1778.0	1173.3
75°	99.9	107.4	233.8	350.8	531.0	1048.7	1578.8	1553.5	1446.4	1156.4	639.3
77.5°	61.4	67.4	103.8	179.3	206.7	455.2	948.5	915.8	846.6	500.0	218.4
80°	42.4	47.8	69.5	93.9	70.4	147.4	436.5	424.2	326.4	119.1	50.2
82.5°	23.8	28.6	52.6	46.0	28.3	38.2	151.3	140.2	86.9	32.2	16.8
85°	13.8	16.5	37.0	32.5	14.4	13.5	39.4	35.2	22.6	12.0	8.1
87.5°	7.2	9.3	27.1	21.7	8.7	4.8	9.0	8.7	5.7	4.2	5.4
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°	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6	559.6
2.5°	563.8	562.3	570.1	572.8	572.2	571.0	574.0	570.1	569.8	568.9	568.0
5°	574.0	576.4	582.7	582.7	574.3	560.5	552.0	540.6	531.0	525.3	524.4
7.5°	589.3	594.2	598.4	585.4	556.6	522.3	485.9	457.3	432.3	419.4	418.2
10°	611.0	615.5	612.2	575.2	513.2	442.2	383.0	323.4	293.6	277.4	277.4
12.5°	636.9	640.5	620.3	549.6	441.9	339.0	259.9	197.4	167.6	148.3	147.1
15°	664.9	665.8	619.1	505.1	353.8	227.7	149.2	109.5	96.9	94.2	93.6
17.5°	689.2	685.6	606.5	439.2	254.8	135.7	94.8	85.7	83.3	83.3	83.3
20°	712.1	700.1	581.2	362.5	163.4	92.4	81.5	79.1	79.1	79.4	79.4
22.5°	737.4	713.6	545.1	277.4	105.0	79.1	76.4	75.2	74.9	75.8	75.5
25°	767.1	726.8	493.4	191.6	81.2	73.7	72.5	71.3	71.3	71.3	71.3
27.5°	783.7	725.0	434.4	120.9	71.0	68.3	67.1	65.9	65.0	64.7	65.0
30°	798.1	714.5	357.4	84.5	64.1	61.1	60.2	58.7	56.9	56.3	56.3
32.5°	817.1	705.8	276.8	68.0	58.1	54.8	52.0	49.6	46.6	45.4	45.1
35°	838.1	689.8	202.8	59.9	52.6	48.4	44.2	40.3	36.4	35.2	34.9
37.5°	864.3	675.4	137.5	55.4	48.1	43.0	37.3	31.9	28.3	27.7	27.7
40°	899.8	663.4	95.1	51.4	43.9	37.9	31.0	25.3	22.9	22.3	22.3
42.5°	948.2	653.4	71.9	48.1	40.3	32.8	25.0	20.8	19.0	18.4	18.4
45°	1005.4	638.1	60.8	45.1	36.7	27.7	20.8	17.4	16.5	16.5	16.5
47.5°	1071.0	618.8	55.4	42.1	32.8	22.6	17.4	15.9	15.6	15.6	15.9
50°	1137.2	596.0	51.4	38.5	28.3	19.3	15.9	15.0	15.0	15.3	15.3
52.5°	1182.0	560.2	47.5	34.6	23.8	16.8	15.0	14.7	14.4	14.4	14.4
55°	1225.6	528.9	42.1	30.4	19.9	15.6	14.4	14.1	14.1	13.8	13.8
57.5°	1271.1	504.2	35.2	25.3	16.8	14.7	13.8	13.8	13.2	12.9	12.9
60°	1323.7	482.5	27.1	19.9	14.7	13.8	12.9	12.6	12.0	11.4	11.4
62.5°	1339.0	436.8	20.5	15.9	12.6	12.0	11.7	11.1	9.6	8.4	8.7
65°	1299.0	364.9	16.2	12.6	10.2	10.2	9.3	7.8	6.3	5.4	5.4
67.5°	1188.6	272.6	13.2	9.9	8.1	7.8	6.6	5.7	3.9	3.3	3.3
70°	979.5	180.2	10.8	7.8	6.6	5.4	4.5	4.2	3.0	2.4	2.4
72.5°	686.5	97.8	9.0	6.3	4.8	3.6	3.0	2.7	2.1	1.8	1.5
75°	362.5	37.6	7.2	4.8	3.0	2.4	1.8	1.8	1.5	1.2	1.2
77.5°	124.2	15.9	5.1	2.7	2.1	1.5	1.2	0.9	1.2	0.9	0.9
80°	29.5	9.3	3.3	1.8	1.2	0.9	0.9	0.6	0.6	0.6	0.6
82.5°	12.9	5.4	2.1	1.2	1.2	0.9	0.6	0.3	0.3	0.3	0.3
85°	8.7	3.3	1.5	1.2	0.9	0.6	0.3	0.3	0.0	0.0	0.0
87.5°	6.9	2.1	1.2	1.2	0.9	0.6	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)