

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: P674582

Luminaire Tested: **CCP-SA-1C-760-U-T2R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674582
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-T2R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T2R distribution lens and House Side Shield
Light Source: (16) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

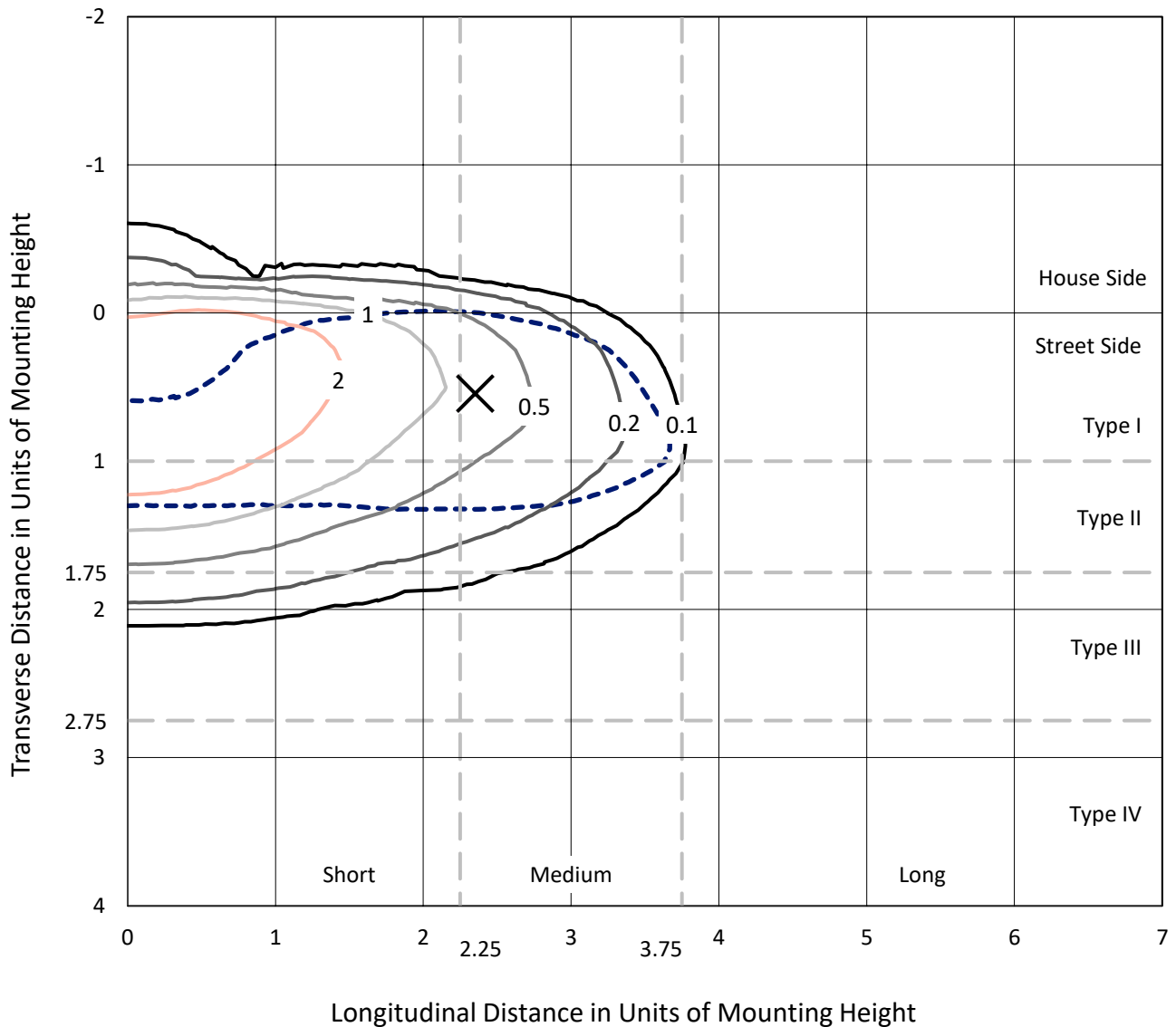
Lumens per Lamp: N/A
Luminaire Lumens: 3744.7 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

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

REPORT NUMBER: P674582
 CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

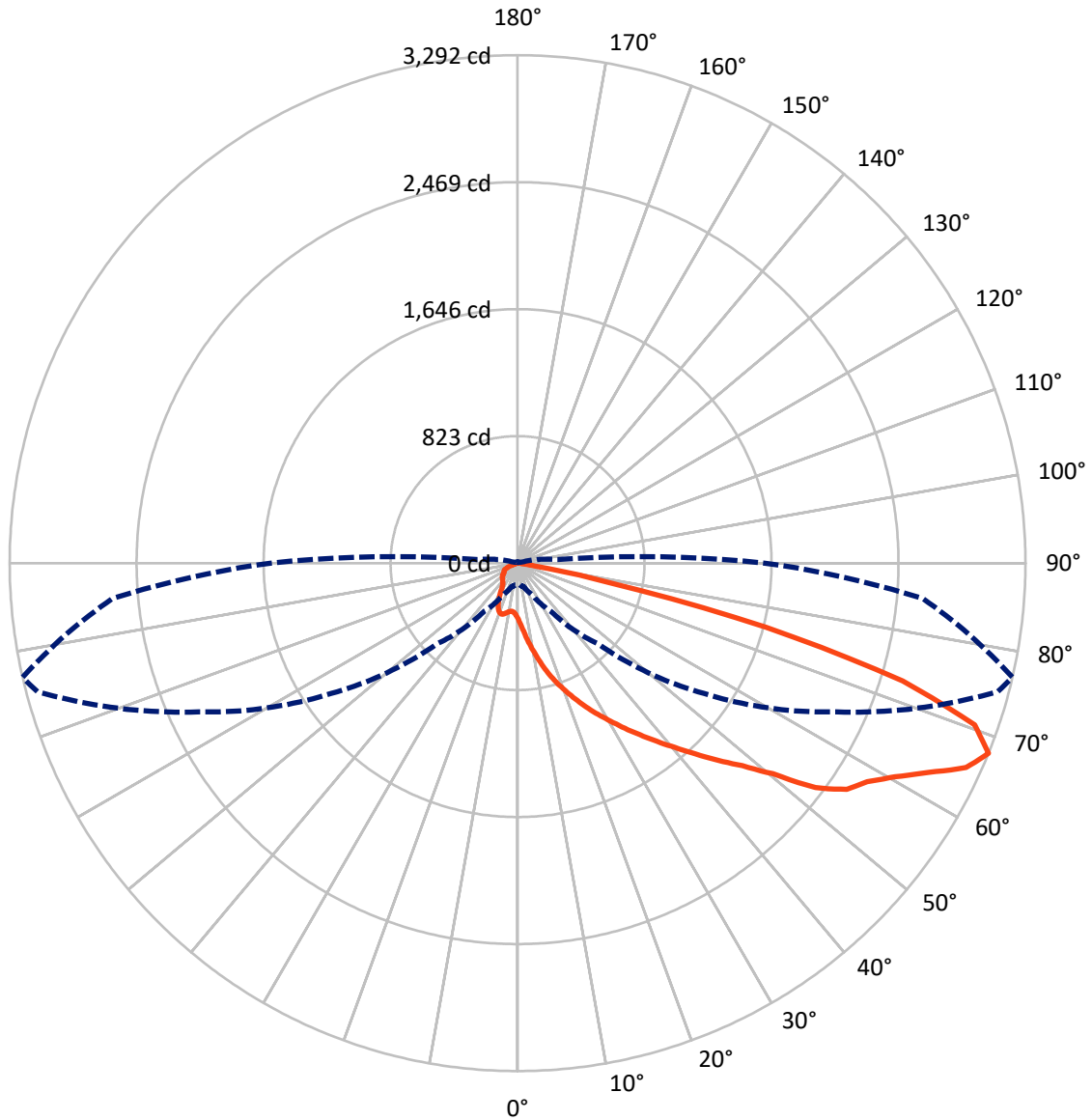
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type II - Medium - N/A

REPORT NUMBER: P674582
CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P674582

CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

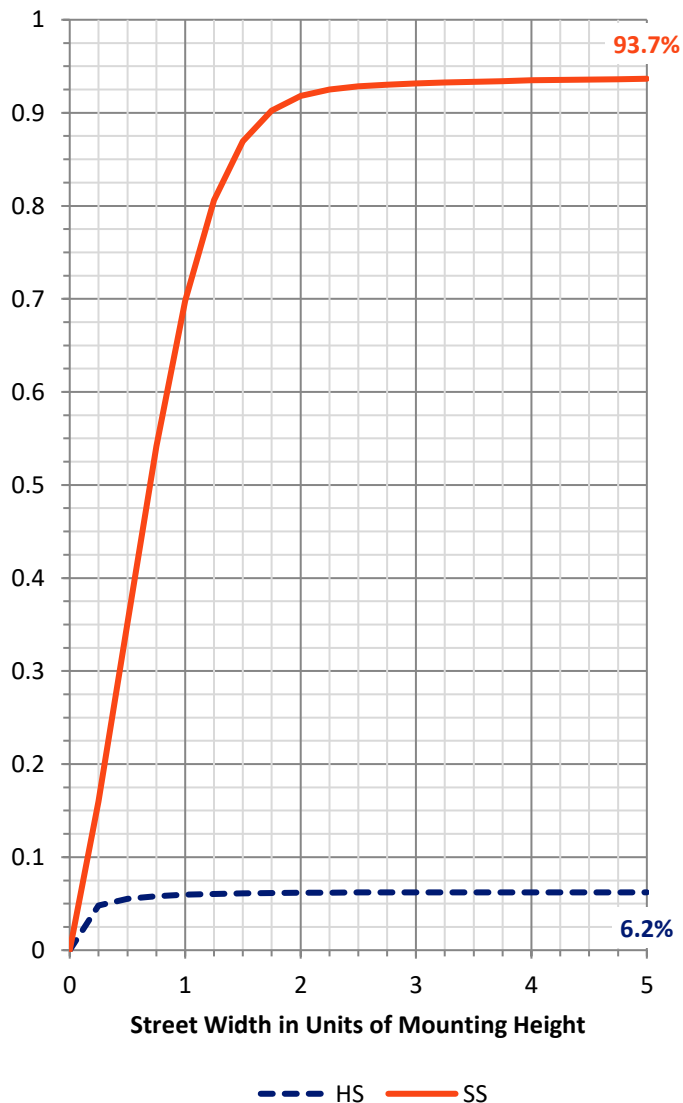
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	234.0	0.0	234.0
	% Fixture	6.2	0.0	6.2
Street Side	Lumens	3510.7	0.0	3510.7
	% Fixture	93.8	0.0	93.8
Total	Lumens	3744.7	0.0	3744.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	1.1
10°-20°	155.9	4.2
20°-30°	304.5	8.1
30°-40°	532.4	14.2
40°-50°	776.5	20.7
50°-60°	908.0	24.2
60°-70°	736.1	19.7
70°-80°	276.5	7.4
80°-90°	12.6	0.3
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°	3744.7	100.0
0°-180°	3744.7	100.0



REPORT NUMBER: P674582

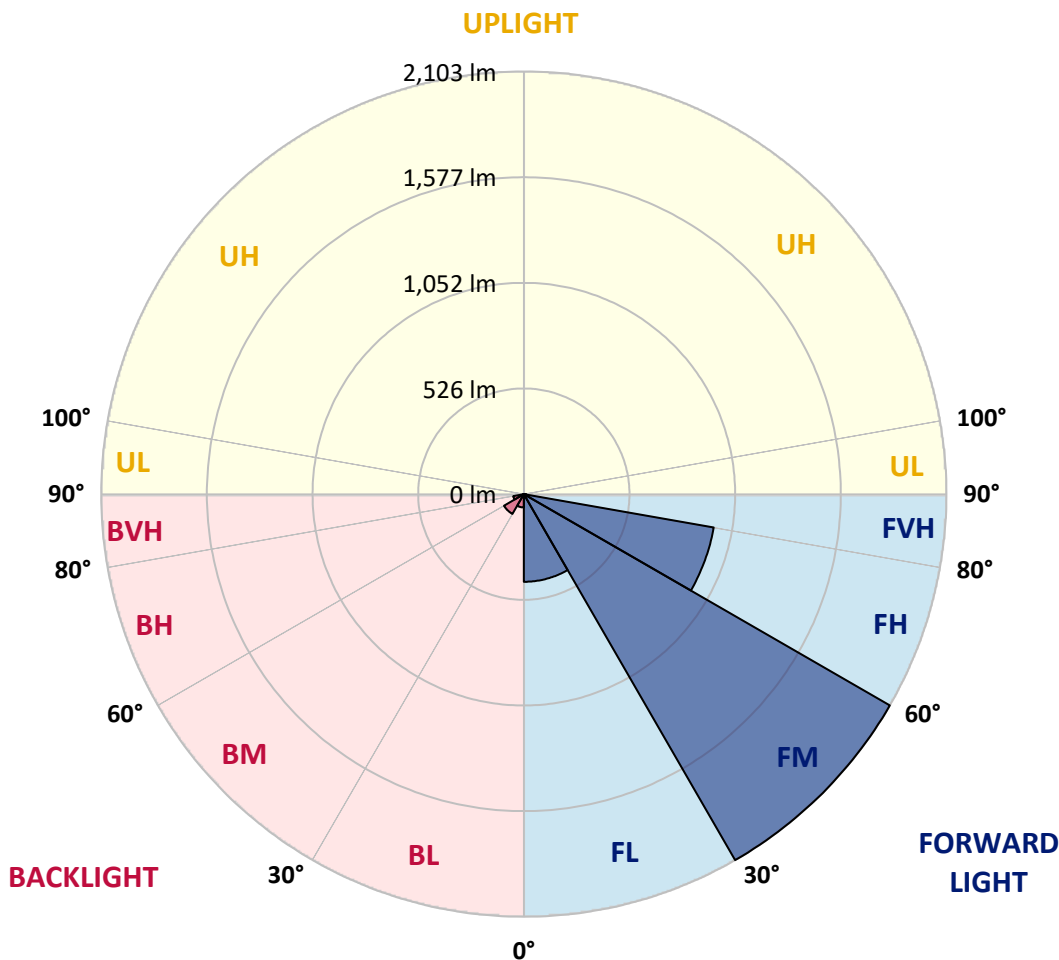
CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	436.2	11.6			
FM (30°-60°)	2103.1	56.2			
FH (60°-80°)	959.5	25.6			G1/1800
FVH (80°-90°)	11.8	0.3			G1/100
BL (0°-30°)	66.4	1.8	B0/110		
BM (30°-60°)	113.8	3.0	B0/220		
BH (60°-80°)	53.1	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: B0-U0-G1

Type II Medium





REPORT NUMBER: P674582

CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7
2.5°	538.5	518.9	522.6	514.5	504.0	479.7	454.0	428.3	405.3	400.3	377.3
5°	689.6	683.5	677.1	671.7	649.7	619.3	573.0	514.2	461.1	452.0	404.3
7.5°	806.9	797.8	803.5	787.0	764.0	734.6	675.8	612.9	531.1	517.6	443.5
10°	893.5	888.4	891.1	883.3	872.2	842.8	784.6	705.9	611.2	585.5	487.5
12.5°	958.4	959.4	971.2	971.9	962.8	938.8	877.2	795.1	683.9	660.9	536.1
15°	1005.7	1006.7	1021.3	1036.8	1047.3	1034.8	979.0	887.0	769.4	738.0	587.2
17.5°	1013.5	1014.2	1039.8	1071.3	1103.7	1114.6	1071.6	978.3	847.5	811.7	645.7
20°	1018.5	1024.3	1047.3	1083.5	1134.8	1168.3	1145.0	1065.9	923.2	881.6	703.1
22.5°	1080.1	1080.1	1093.6	1119.3	1160.2	1212.6	1207.9	1146.3	996.9	955.7	760.3
25°	1210.6	1210.6	1197.4	1190.6	1212.6	1253.8	1265.7	1232.2	1081.1	1032.4	820.5
27.5°	1383.3	1383.3	1362.7	1313.0	1294.1	1311.3	1323.8	1306.9	1158.8	1110.8	884.0
30°	1562.5	1568.6	1532.7	1469.5	1403.3	1390.1	1377.9	1374.2	1241.7	1187.6	948.6
32.5°	1742.3	1741.6	1697.0	1618.3	1531.7	1485.1	1445.5	1441.1	1329.6	1276.5	1009.8
35°	1886.0	1886.3	1839.3	1758.5	1658.5	1599.0	1535.4	1514.8	1425.9	1366.7	1082.8
37.5°	2010.4	2003.3	1952.6	1875.8	1782.5	1721.0	1641.9	1588.2	1525.6	1465.5	1155.8
40°	2081.7	2072.3	2022.9	1949.9	1879.2	1832.2	1762.6	1676.7	1635.2	1570.3	1239.0
42.5°	2092.2	2084.1	2051.3	2007.4	1949.5	1908.3	1889.7	1776.8	1750.1	1691.3	1338.3
45°	2062.8	2049.6	2038.8	2015.8	1999.6	1979.6	2005.0	1883.3	1881.9	1823.5	1436.7
47.5°	1989.8	1971.9	1974.6	1999.9	2018.2	2036.1	2115.2	2022.9	2014.8	1960.0	1565.9
50°	1865.0	1856.2	1886.0	1936.0	2008.4	2080.0	2225.1	2165.6	2197.7	2146.3	1744.0
52.5°	1611.5	1622.3	1711.2	1831.6	1956.6	2100.7	2328.2	2378.5	2460.7	2418.4	1923.2
55°	1307.2	1303.2	1421.8	1635.5	1835.3	2087.5	2373.1	2503.9	2633.1	2588.8	2022.9
57.5°	1053.0	1060.1	1140.2	1351.5	1629.4	1985.7	2383.6	2569.5	2702.4	2673.0	2115.2
60°	790.4	797.1	870.1	1054.0	1355.6	1773.4	2297.1	2592.5	2832.5	2810.2	2262.6
62.5°	503.0	511.8	585.2	764.0	1036.1	1443.5	2102.7	2568.5	2968.4	2987.0	2463.7
65°	247.5	255.2	309.3	446.2	692.7	1079.4	1831.6	2476.9	3141.5	3194.6	2625.0
67.5°	136.9	140.6	159.2	227.2	386.4	740.3	1471.9	2281.2	3221.0	3291.9	2635.8
70°	106.5	107.5	114.6	132.5	188.3	434.4	1046.9	1955.3	3056.3	3142.2	2416.4
72.5°	89.6	90.9	94.3	100.4	117.6	226.2	657.8	1511.1	2571.6	2610.4	1869.4
75°	65.6	67.6	77.1	82.5	93.0	137.2	290.0	908.0	1699.4	1661.2	1045.9
77.5°	55.1	56.8	59.2	66.9	76.7	93.6	101.8	380.6	691.7	601.4	274.5
80°	37.5	39.6	46.0	50.0	64.9	61.9	42.3	102.1	138.9	113.2	52.7
82.5°	26.7	28.4	31.8	40.9	47.0	32.8	23.0	31.1	33.5	31.8	17.2
85°	8.5	10.8	23.0	33.8	25.4	11.2	14.5	11.8	10.5	10.1	6.8
87.5°	1.7	1.7	11.5	13.5	10.1	5.7	5.1	3.7	4.7	4.7	3.7
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: P674582
 CATALOG NUMBER: CCP-SA-1C-760-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7	358.7
2.5°	366.4	351.2	329.3	308.6	287.7	272.8	262.3	251.8	247.8	246.1	241.7
5°	382.7	353.6	310.0	274.8	249.1	232.9	223.1	214.7	209.3	207.6	205.2
7.5°	406.0	364.1	301.5	261.0	235.3	217.7	201.8	183.6	169.0	163.3	160.9
10°	431.4	380.0	302.9	258.3	224.1	185.6	150.1	120.7	107.8	103.1	99.7
12.5°	468.5	397.5	308.6	255.2	190.7	132.5	96.0	83.8	80.8	80.1	79.4
15°	505.7	422.2	318.1	234.9	142.3	90.3	79.8	75.4	73.7	72.0	72.0
17.5°	543.2	445.9	321.8	195.4	98.4	78.1	72.7	69.0	66.3	64.9	63.9
20°	585.5	470.9	311.0	147.1	78.8	71.3	65.2	60.8	58.5	57.1	56.1
22.5°	631.1	495.6	287.3	102.4	71.7	64.2	58.5	54.1	51.7	50.4	50.0
25°	674.1	516.9	249.5	77.1	64.6	57.5	52.1	48.3	46.7	45.3	45.0
27.5°	718.4	535.1	200.1	67.9	58.8	52.1	46.7	43.6	41.9	40.9	40.6
30°	761.6	547.6	149.1	62.2	53.8	47.0	42.3	39.9	38.2	37.2	36.8
32.5°	806.3	554.7	100.7	57.1	48.7	42.6	38.5	36.2	35.2	34.1	34.1
35°	849.2	553.7	72.7	52.4	44.6	38.5	34.8	33.1	32.8	31.8	31.8
37.5°	896.2	546.6	61.9	48.0	40.2	34.8	31.8	30.8	30.4	29.7	29.4
40°	949.6	530.7	56.5	44.6	36.5	31.8	29.1	28.4	28.1	27.4	27.4
42.5°	1008.1	510.1	53.4	40.9	33.5	28.7	26.7	25.7	25.4	24.7	24.7
45°	1076.0	490.5	51.4	37.2	30.8	26.4	24.3	23.3	23.0	22.3	22.3
47.5°	1168.6	479.4	48.0	33.8	27.7	24.0	22.0	21.3	20.6	19.9	19.9
50°	1296.1	466.2	43.6	30.4	25.4	21.6	20.3	19.3	18.9	18.3	18.3
52.5°	1400.9	438.1	39.2	27.0	22.6	19.9	18.6	17.9	17.2	16.9	16.9
55°	1437.7	405.3	34.8	24.3	20.6	18.6	17.2	16.6	16.2	15.9	15.9
57.5°	1496.6	394.8	30.8	21.6	18.6	17.2	15.9	15.6	15.2	14.9	14.5
60°	1597.0	400.9	27.0	19.3	16.9	15.6	14.5	14.2	13.5	12.8	12.8
62.5°	1694.3	393.5	23.0	16.9	14.5	13.9	12.8	12.2	10.8	9.8	9.1
65°	1718.0	343.8	19.9	14.2	12.2	11.5	10.5	9.1	7.1	5.7	5.7
67.5°	1603.4	261.3	17.2	12.2	10.1	9.5	7.4	6.1	4.4	3.4	3.4
70°	1323.1	165.6	14.2	9.5	8.5	6.4	4.7	4.4	3.0	2.7	2.4
72.5°	954.7	90.6	11.8	7.8	6.1	4.1	3.4	2.7	2.0	1.4	1.4
75°	483.4	42.6	8.8	6.1	4.1	2.7	2.0	1.4	1.4	1.0	1.0
77.5°	136.9	19.6	5.7	4.1	2.7	1.7	1.4	1.0	1.0	0.7	0.7
80°	27.0	9.8	3.7	2.7	2.0	1.4	1.0	0.7	0.7	0.3	0.3
82.5°	9.8	5.1	2.7	2.0	1.7	1.4	0.7	0.3	0.3	0.0	0.0
85°	5.1	2.7	2.0	1.7	1.4	1.0	0.7	0.3	0.0	0.0	0.0
87.5°	2.7	2.0	1.7	1.7	1.4	1.0	0.7	0.3	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)