

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: P674558

Luminaire Tested: **CCP-SA-1A-740-U-T2R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674558
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-740-U-T2R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @350mA w/ T2R distribution lens and House Side Shield
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

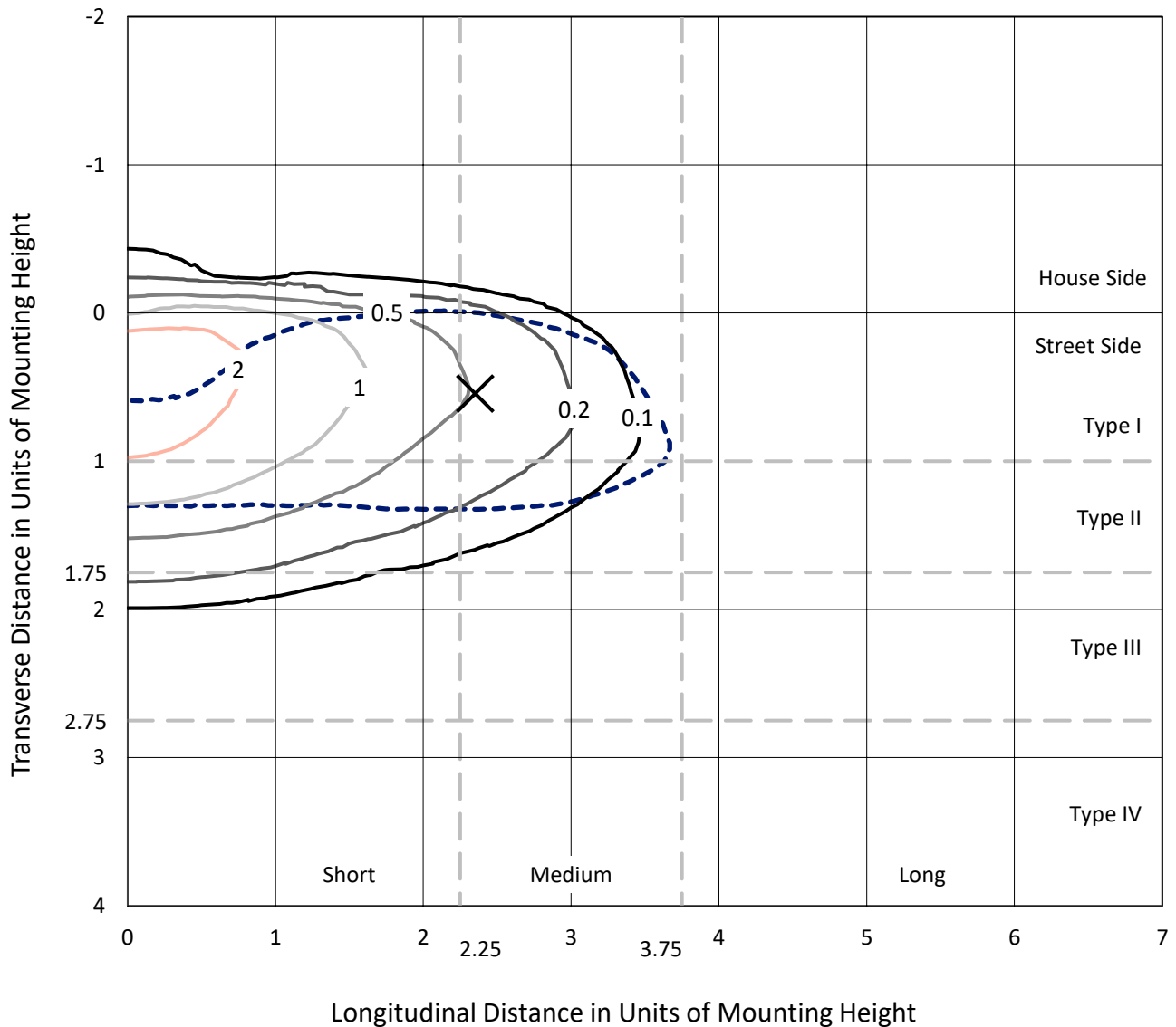
Lumens per Lamp: N/A
Luminaire Lumens: 2215.2 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 18
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: P674558
 CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

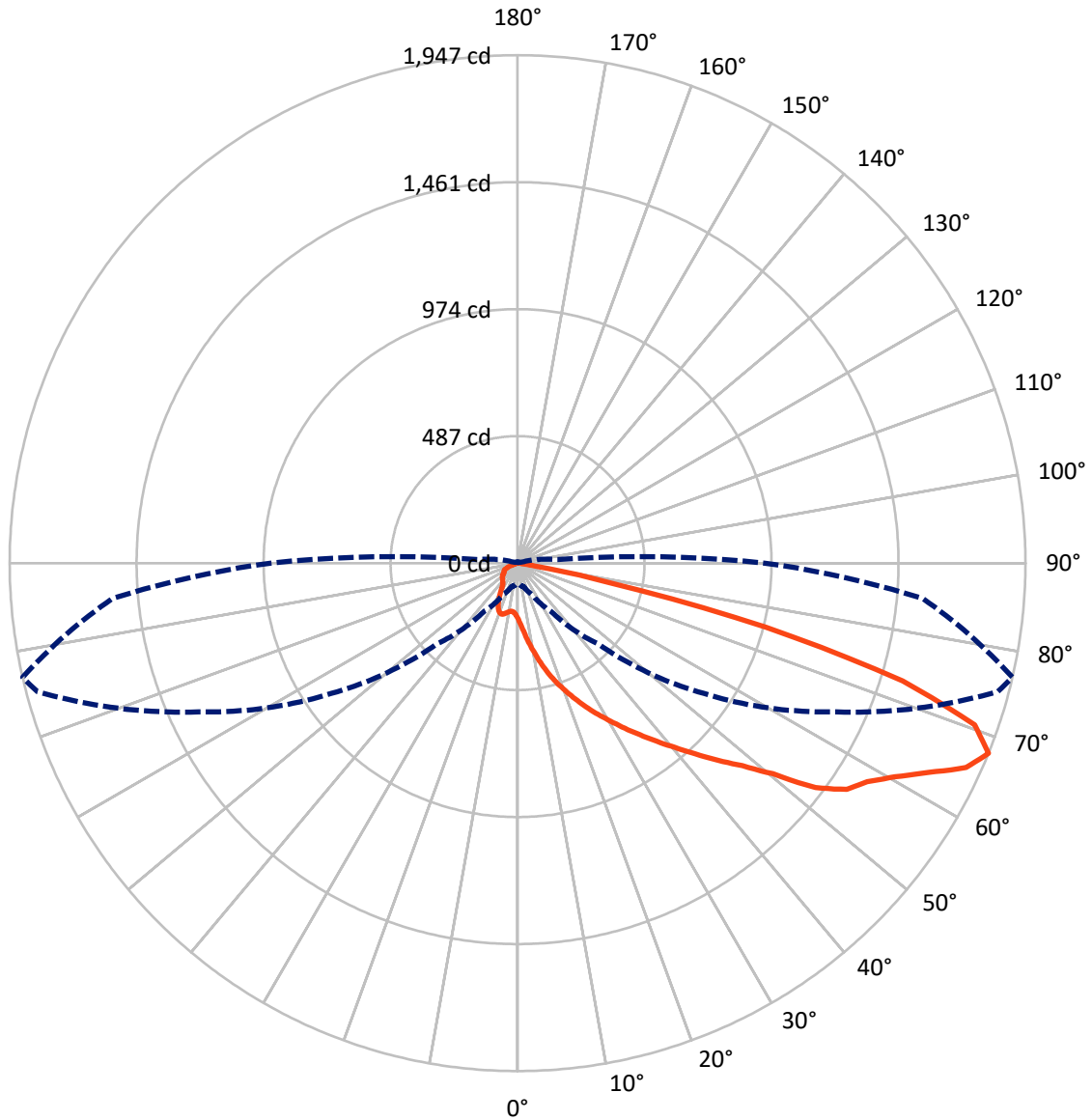
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P674558
CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P674558
 CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

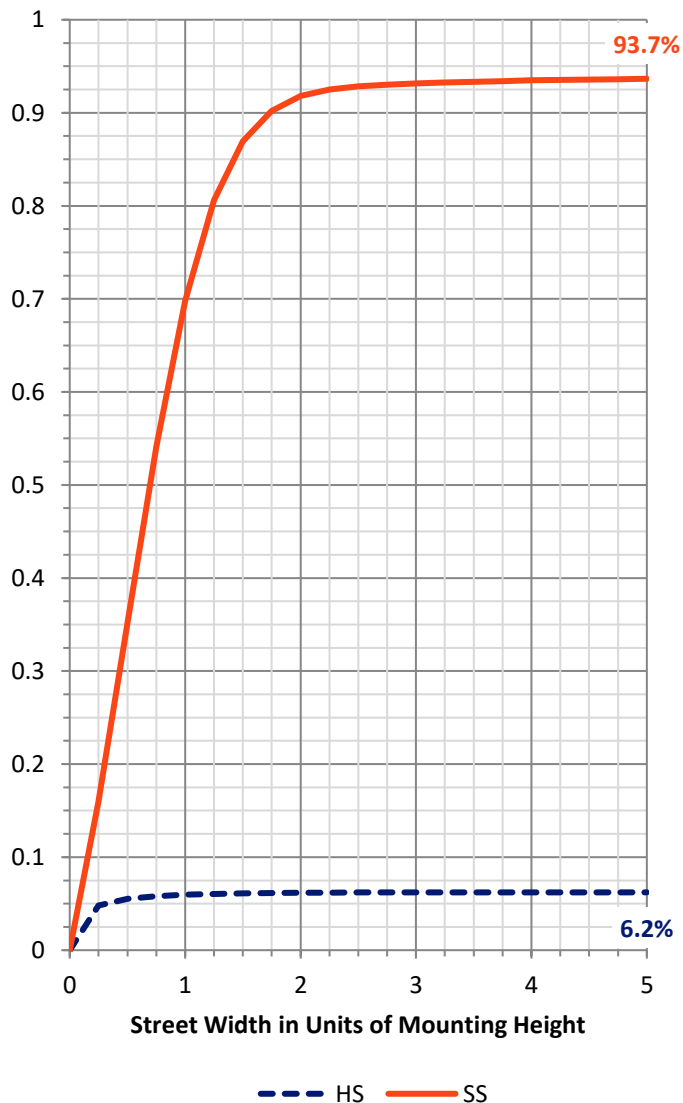
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.4	0.0	138.4
	% Fixture	6.2	0.0	6.2
Street Side	Lumens	2076.8	0.0	2076.8
	% Fixture	93.8	0.0	93.8
Total	Lumens	2215.2	0.0	2215.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	1.1
10°-20°	92.2	4.2
20°-30°	180.2	8.1
30°-40°	315.0	14.2
40°-50°	459.4	20.7
50°-60°	537.1	24.2
60°-70°	435.4	19.7
70°-80°	163.6	7.4
80°-90°	7.4	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°	2215.2	100.0
0°-180°	2215.2	100.0

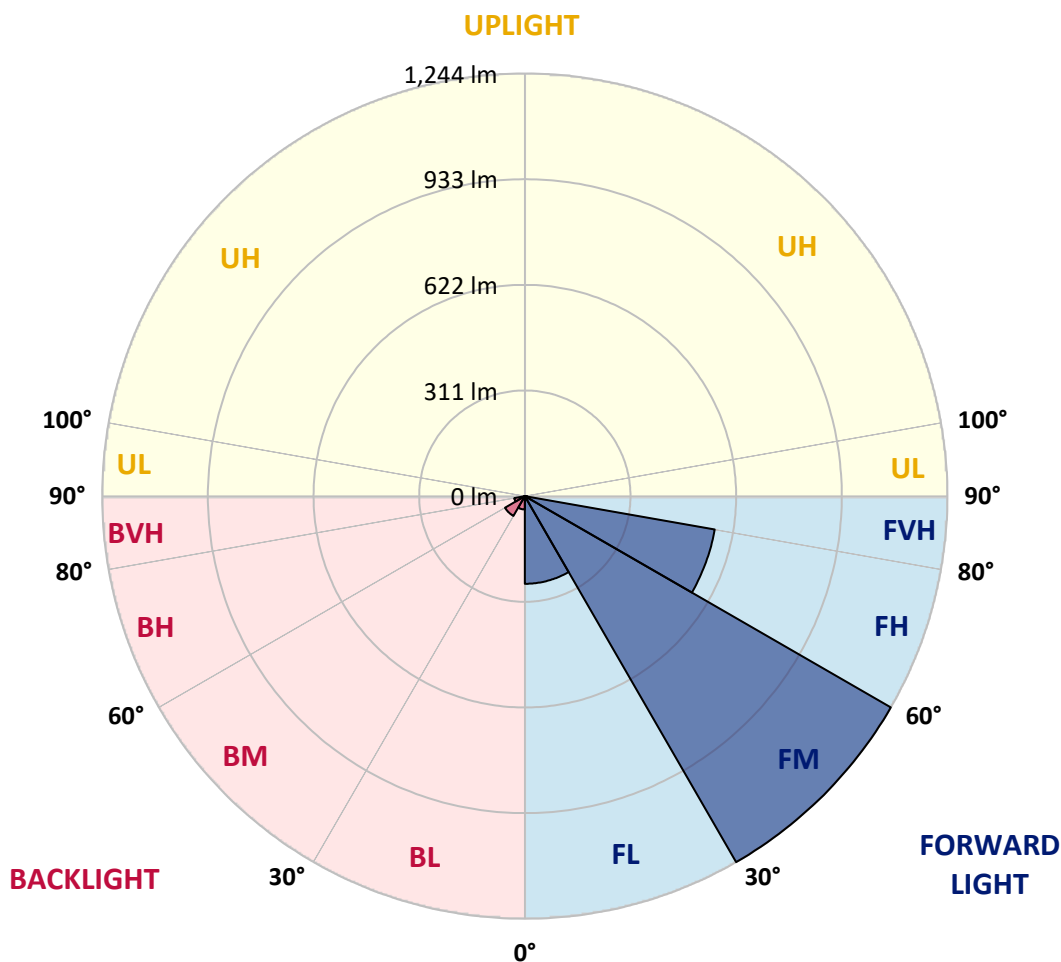


REPORT NUMBER: P674558
 CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	258.0	11.6			
FM (30°-60°)	1244.1	56.2			
FH (60°-80°)	567.6	25.6			G0/660
FVH (80°-90°)	7.0	0.3			G0/10
BL (0°-30°)	39.3	1.8	B0/110		
BM (30°-60°)	67.4	3.0	B0/220		
BH (60°-80°)	31.4	1.4	B0/110		G0/110
BVH (80°-90°)	0.4	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 Medium





REPORT NUMBER: P674558
 CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2
2.5°	318.6	307.0	309.2	304.4	298.2	283.8	268.6	253.4	239.8	236.8	223.2
5°	408.0	404.4	400.6	397.4	384.4	366.4	339.0	304.2	272.8	267.4	239.2
7.5°	477.3	471.9	475.3	465.5	451.9	434.5	399.8	362.6	314.2	306.2	262.4
10°	528.5	525.5	527.1	522.5	515.9	498.5	464.1	417.5	361.6	346.4	288.4
12.5°	566.9	567.5	574.5	574.9	569.5	555.3	518.9	470.3	404.6	391.0	317.2
15°	594.9	595.5	604.1	613.3	619.5	612.1	579.1	524.7	455.1	436.5	347.4
17.5°	599.5	599.9	615.1	633.7	652.9	659.3	633.9	578.7	501.3	480.1	382.0
20°	602.5	605.9	619.5	640.9	671.3	691.1	677.3	630.5	546.1	521.5	415.9
22.5°	638.9	638.9	646.9	662.1	686.3	717.3	714.5	678.1	589.7	565.3	449.7
25°	716.1	716.1	708.3	704.3	717.3	741.7	748.7	728.9	639.5	610.7	485.3
27.5°	818.3	818.3	806.1	776.7	765.5	775.7	783.1	773.1	685.5	657.1	522.9
30°	924.3	927.9	906.7	869.3	830.1	822.3	815.1	812.9	734.5	702.5	561.1
32.5°	1030.7	1030.3	1003.9	957.3	906.1	878.5	855.1	852.5	786.5	755.1	597.3
35°	1115.7	1115.9	1088.1	1040.3	981.1	945.9	908.3	896.1	843.5	808.5	640.5
37.5°	1189.3	1185.1	1155.1	1109.7	1054.5	1018.1	971.3	939.5	902.5	866.9	683.7
40°	1231.4	1225.9	1196.7	1153.5	1111.7	1083.9	1042.7	991.9	967.3	928.9	732.9
42.5°	1237.6	1232.8	1213.5	1187.5	1153.3	1128.9	1117.9	1051.1	1035.3	1000.5	791.7
45°	1220.3	1212.5	1206.1	1192.5	1182.9	1171.1	1186.1	1114.1	1113.3	1078.7	849.9
47.5°	1177.1	1166.5	1168.1	1183.1	1193.9	1204.5	1251.2	1196.7	1191.9	1159.5	926.3
50°	1103.3	1098.1	1115.7	1145.3	1188.1	1230.4	1316.2	1281.0	1300.0	1269.6	1031.7
52.5°	953.3	959.7	1012.3	1083.5	1157.5	1242.6	1377.2	1407.0	1455.6	1430.6	1137.7
55°	773.3	770.9	841.1	967.5	1085.7	1234.8	1403.8	1481.2	1557.6	1531.4	1196.7
57.5°	622.9	627.1	674.5	799.5	963.9	1174.7	1410.0	1520.0	1598.6	1581.2	1251.2
60°	467.5	471.5	514.7	623.5	801.9	1049.1	1358.8	1533.6	1675.6	1662.4	1338.4
62.5°	297.6	302.8	346.2	451.9	612.9	853.9	1243.8	1519.4	1756.0	1767.0	1457.4
65°	146.4	151.0	183.0	264.0	409.7	638.5	1083.5	1465.2	1858.4	1889.8	1552.8
67.5°	81.0	83.2	94.2	134.4	228.6	437.9	870.7	1349.4	1905.4	1947.4	1559.2
70°	63.0	63.6	67.8	78.4	111.4	257.0	619.3	1156.7	1808.0	1858.8	1429.4
72.5°	53.0	53.8	55.8	59.4	69.6	133.8	389.2	893.9	1521.2	1544.2	1105.9
75°	38.8	40.0	45.6	48.8	55.0	81.2	171.6	537.1	1005.3	982.7	618.7
77.5°	32.6	33.6	35.0	39.6	45.4	55.4	60.2	225.2	409.1	355.8	162.4
80°	22.2	23.4	27.2	29.6	38.4	36.6	25.0	60.4	82.2	67.0	31.2
82.5°	15.8	16.8	18.8	24.2	27.8	19.4	13.6	18.4	19.8	18.8	10.2
85°	5.0	6.4	13.6	20.0	15.0	6.6	8.6	7.0	6.2	6.0	4.0
87.5°	1.0	1.0	6.8	8.0	6.0	3.4	3.0	2.2	2.8	2.8	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



REPORT NUMBER: P674558
 CATALOG NUMBER: CCP-SA-1A-740-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2
2.5°	216.8	207.8	194.8	182.6	170.2	161.4	155.2	149.0	146.6	145.6	143.0
5°	226.4	209.2	183.4	162.6	147.4	137.8	132.0	127.0	123.8	122.8	121.4
7.5°	240.2	215.4	178.4	154.4	139.2	128.8	119.4	108.6	100.0	96.6	95.2
10°	255.2	224.8	179.2	152.8	132.6	109.8	88.8	71.4	63.8	61.0	59.0
12.5°	277.2	235.2	182.6	151.0	112.8	78.4	56.8	49.6	47.8	47.4	47.0
15°	299.2	249.8	188.2	139.0	84.2	53.4	47.2	44.6	43.6	42.6	42.6
17.5°	321.4	263.8	190.4	115.6	58.2	46.2	43.0	40.8	39.2	38.4	37.8
20°	346.4	278.6	184.0	87.0	46.6	42.2	38.6	36.0	34.6	33.8	33.2
22.5°	373.4	293.2	170.0	60.6	42.4	38.0	34.6	32.0	30.6	29.8	29.6
25°	398.8	305.8	147.6	45.6	38.2	34.0	30.8	28.6	27.6	26.8	26.6
27.5°	424.9	316.6	118.4	40.2	34.8	30.8	27.6	25.8	24.8	24.2	24.0
30°	450.5	324.0	88.2	36.8	31.8	27.8	25.0	23.6	22.6	22.0	21.8
32.5°	476.9	328.2	59.6	33.8	28.8	25.2	22.8	21.4	20.8	20.2	20.2
35°	502.3	327.6	43.0	31.0	26.4	22.8	20.6	19.6	19.4	18.8	18.8
37.5°	530.1	323.4	36.6	28.4	23.8	20.6	18.8	18.2	18.0	17.6	17.4
40°	561.7	314.0	33.4	26.4	21.6	18.8	17.2	16.8	16.6	16.2	16.2
42.5°	596.3	301.8	31.6	24.2	19.8	17.0	15.8	15.2	15.0	14.6	14.6
45°	636.5	290.2	30.4	22.0	18.2	15.6	14.4	13.8	13.6	13.2	13.2
47.5°	691.3	283.6	28.4	20.0	16.4	14.2	13.0	12.6	12.2	11.8	11.8
50°	766.7	275.8	25.8	18.0	15.0	12.8	12.0	11.4	11.2	10.8	10.8
52.5°	828.7	259.2	23.2	16.0	13.4	11.8	11.0	10.6	10.2	10.0	10.0
55°	850.5	239.8	20.6	14.4	12.2	11.0	10.2	9.8	9.6	9.4	9.4
57.5°	885.3	233.6	18.2	12.8	11.0	10.2	9.4	9.2	9.0	8.8	8.6
60°	944.7	237.2	16.0	11.4	10.0	9.2	8.6	8.4	8.0	7.6	7.6
62.5°	1002.3	232.8	13.6	10.0	8.6	8.2	7.6	7.2	6.4	5.8	5.4
65°	1016.3	203.4	11.8	8.4	7.2	6.8	6.2	5.4	4.2	3.4	3.4
67.5°	948.5	154.6	10.2	7.2	6.0	5.6	4.4	3.6	2.6	2.0	2.0
70°	782.7	98.0	8.4	5.6	5.0	3.8	2.8	2.6	1.8	1.6	1.4
72.5°	564.7	53.6	7.0	4.6	3.6	2.4	2.0	1.6	1.2	0.8	0.8
75°	286.0	25.2	5.2	3.6	2.4	1.6	1.2	0.8	0.8	0.6	0.6
77.5°	81.0	11.6	3.4	2.4	1.6	1.0	0.8	0.6	0.6	0.4	0.4
80°	16.0	5.8	2.2	1.6	1.2	0.8	0.6	0.4	0.4	0.2	0.2
82.5°	5.8	3.0	1.6	1.2	1.0	0.8	0.4	0.2	0.2	0.0	0.0
85°	3.0	1.6	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.0	0.0
87.5°	1.6	1.2	1.0	1.0	0.8	0.6	0.4	0.2	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)