

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: P672256

Luminaire Tested: **CCP-SA-1C-740-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672256
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-740-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3R distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

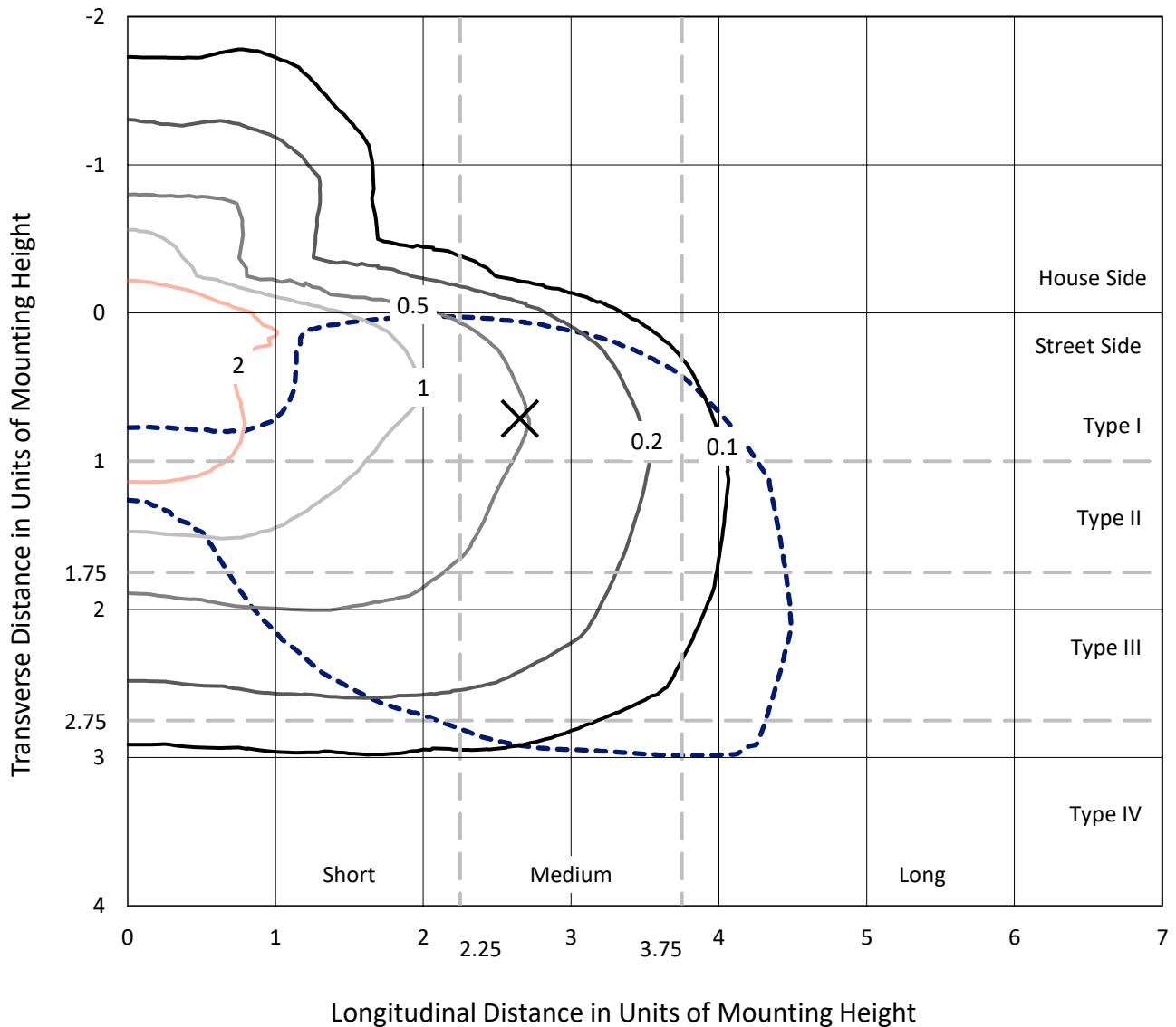
Lumens per Lamp: N/A
Luminaire Lumens: 4595.3 lumens
Efficiency: N/A
Efficacy: 143.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

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

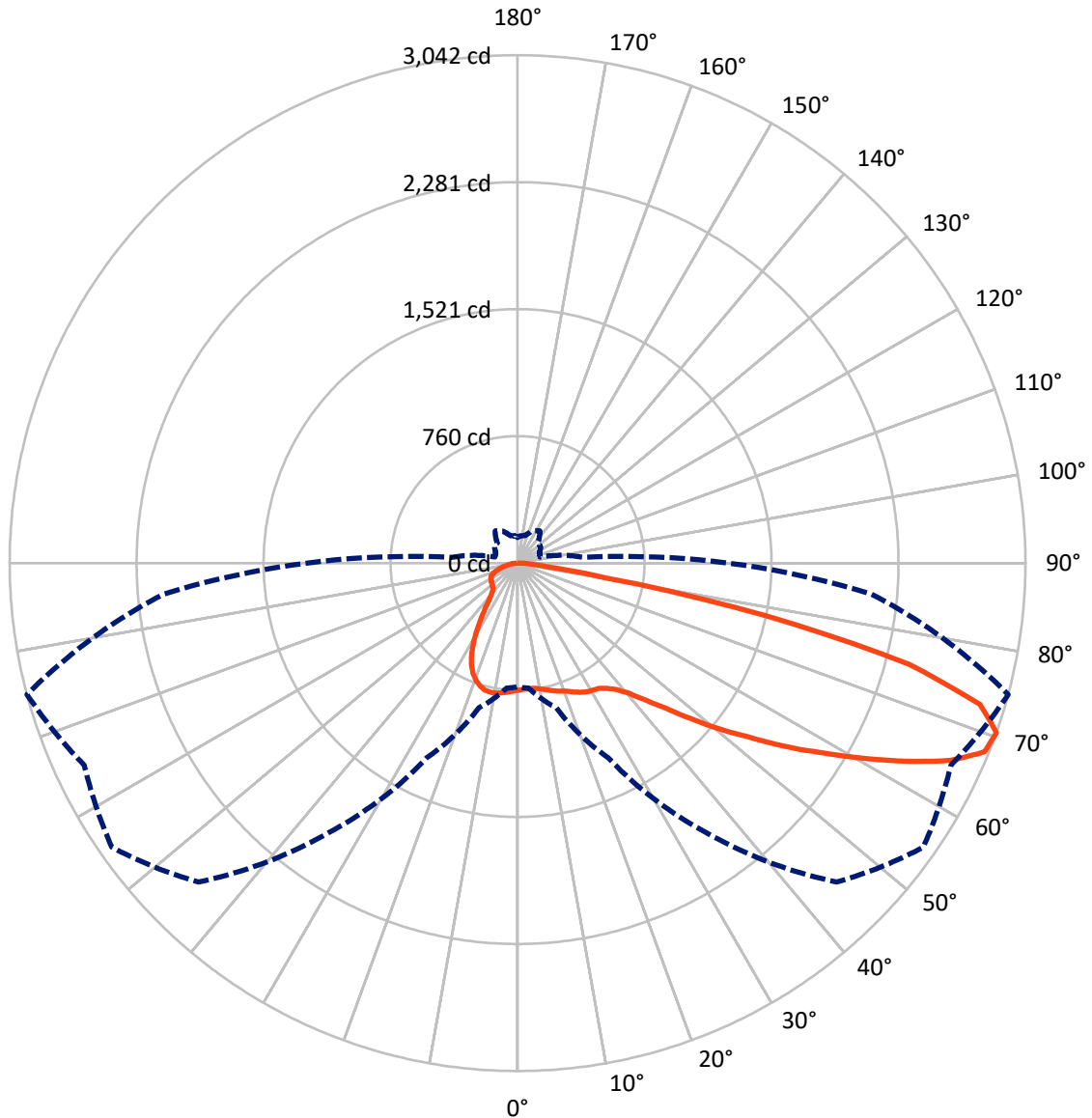
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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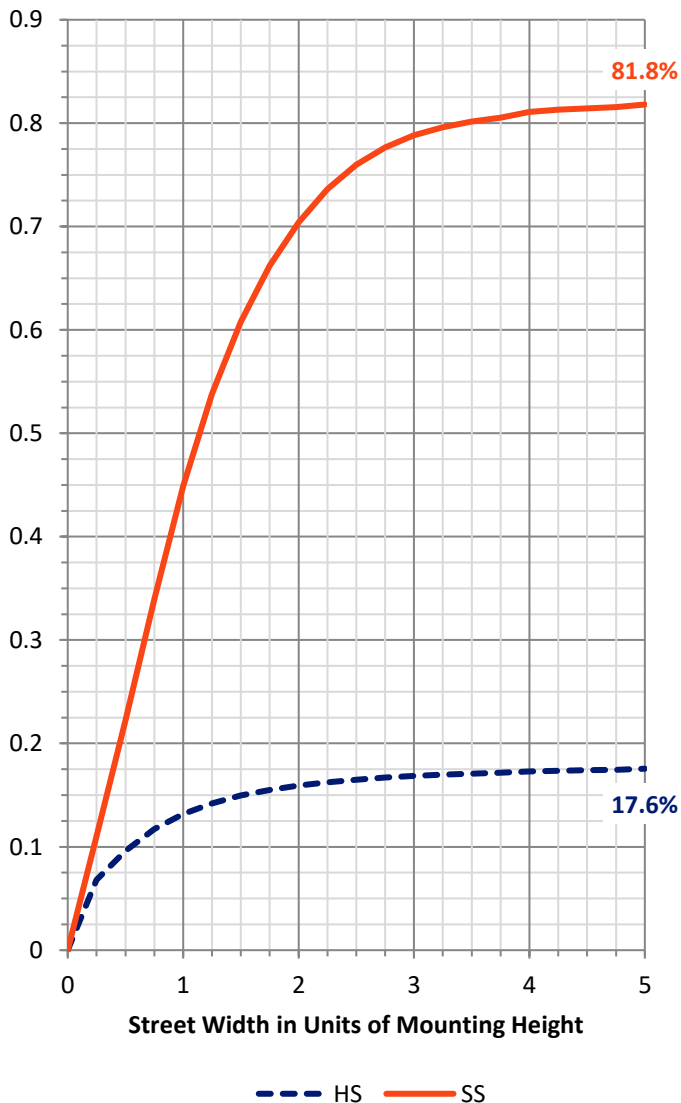
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	817.6	0.0	817.6
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	3777.7	0.0	3777.7
	% Fixture	82.2	0.0	82.2
Total	Lumens	4595.3	0.0	4595.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	1.5
10°-20°	182.5	4.0
20°-30°	307.5	6.7
30°-40°	467.0	10.2
40°-50°	669.0	14.6
50°-60°	887.0	19.3
60°-70°	1110.0	24.2
70°-80°	810.6	17.6
80°-90°	93.5	2.0
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°	4595.3	100.0
0°-180°	4595.3	100.0

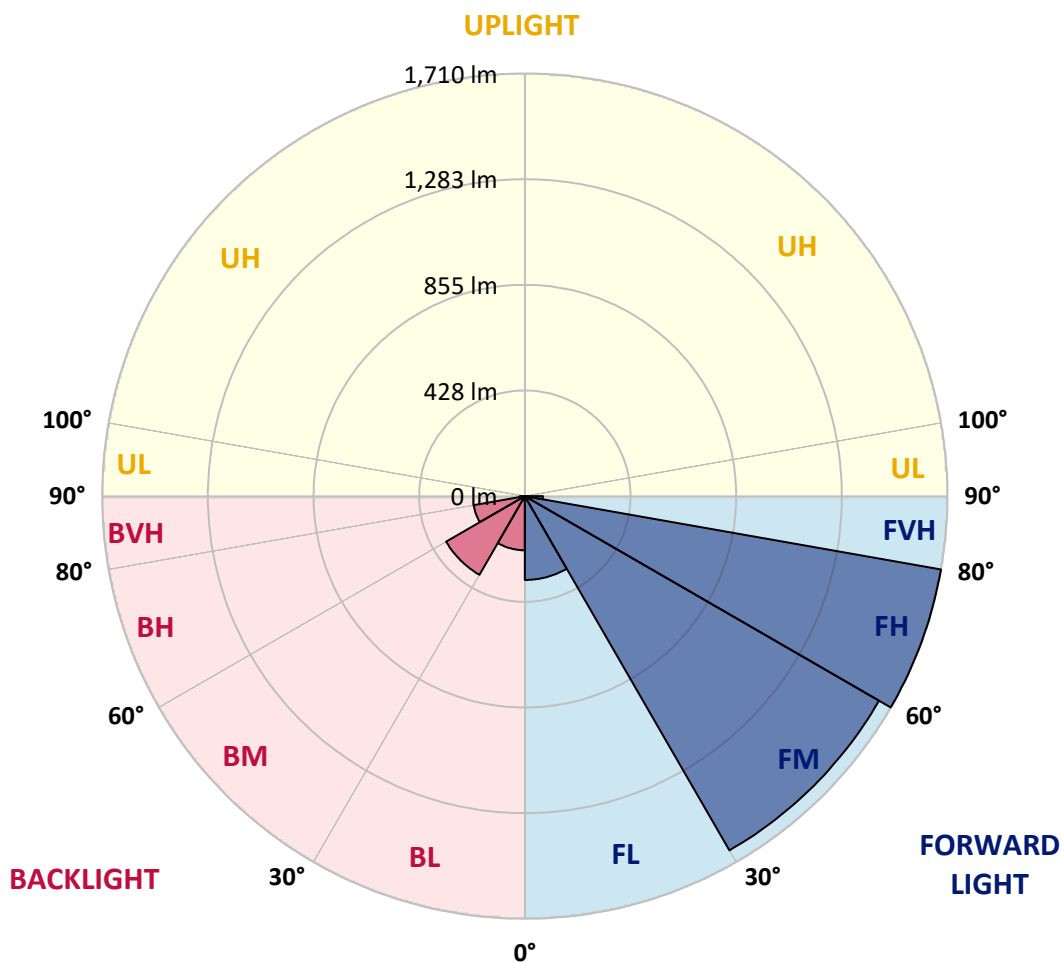


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	339.2	7.4			
FM (30°-60°)	1655.4	36.0			
FH (60°-80°)	1710.2	37.2			G1/1800
FVH (80°-90°)	72.9	1.6			G1/100
BL (0°-30°)	219.2	4.8	B1/500		
BM (30°-60°)	367.6	8.0	B1/1000		
BH (60°-80°)	210.3	4.6	B1/500		G1/500
BVH (80°-90°)	20.5	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2
2.5°	719.5	723.5	727.1	730.8	733.7	741.7	743.3	751.9	754.2	756.2	758.9
5°	679.2	682.2	685.8	691.7	698.0	712.3	722.2	741.0	751.6	754.9	764.2
7.5°	657.4	658.4	663.3	668.3	675.5	689.4	703.0	732.4	753.6	757.2	777.1
10°	641.5	642.8	647.4	654.4	661.7	674.6	691.4	726.5	760.9	766.5	794.6
12.5°	635.9	635.2	640.5	645.1	655.4	671.6	689.1	726.8	770.8	778.7	820.0
15°	658.4	654.1	657.4	655.7	659.0	674.9	695.7	734.1	783.0	792.9	846.5
17.5°	708.0	704.3	702.0	687.8	678.5	687.5	707.3	744.3	795.9	806.5	870.3
20°	782.0	771.8	763.2	739.4	713.6	710.6	724.5	754.6	808.1	818.4	895.4
22.5°	866.3	858.1	844.2	802.5	762.5	742.7	746.3	773.4	826.0	837.2	924.2
25°	972.8	972.5	944.0	887.8	827.3	787.3	779.7	803.5	846.2	857.1	948.0
27.5°	1094.2	1085.9	1052.2	979.8	903.7	842.5	824.7	834.3	862.4	873.6	967.2
30°	1198.0	1199.0	1164.6	1085.6	985.0	896.4	862.7	856.4	873.0	884.2	985.0
32.5°	1309.1	1303.5	1272.1	1190.7	1073.0	954.3	887.2	872.3	883.9	894.4	1009.8
35°	1413.6	1407.3	1380.2	1292.6	1169.9	1018.1	920.2	897.1	909.7	921.2	1040.3
37.5°	1513.1	1514.1	1483.4	1399.7	1263.8	1093.5	969.2	934.5	948.0	960.9	1086.6
40°	1600.1	1595.1	1571.3	1495.9	1361.3	1170.2	1024.4	985.4	1011.8	1023.7	1145.1
42.5°	1627.9	1627.5	1636.8	1590.5	1463.8	1261.5	1093.2	1064.7	1102.1	1120.0	1216.8
45°	1603.7	1611.0	1664.6	1663.2	1566.4	1366.3	1187.1	1161.3	1215.2	1235.4	1304.5
47.5°	1579.9	1590.8	1663.6	1704.9	1658.3	1481.7	1302.5	1283.3	1360.7	1389.8	1395.4
50°	1545.2	1555.4	1642.1	1710.9	1714.5	1598.4	1451.9	1427.8	1527.3	1557.1	1494.3
52.5°	1506.5	1514.4	1604.1	1706.6	1741.3	1689.7	1598.4	1591.5	1705.9	1730.0	1594.8
55°	1292.9	1326.6	1548.2	1697.3	1759.8	1759.5	1740.9	1763.8	1900.7	1936.7	1706.9
57.5°	1170.2	1188.1	1390.8	1692.0	1794.5	1823.9	1888.1	1937.0	2108.6	2141.1	1830.6
60°	1130.2	1146.1	1311.7	1685.7	1863.6	1924.8	2031.9	2111.3	2332.2	2371.9	1968.8
62.5°	1093.8	1113.0	1279.7	1635.8	1947.3	2084.5	2203.5	2299.8	2567.9	2614.9	2106.3
65°	1019.8	1033.3	1220.8	1593.8	2026.6	2312.3	2451.2	2507.4	2796.4	2849.3	2197.6
67.5°	891.8	904.7	1088.2	1497.2	2078.2	2549.4	2722.0	2722.4	2973.0	3016.3	2216.8
70°	741.3	751.3	897.1	1286.9	1970.8	2701.5	2966.4	2862.9	3022.9	3041.8	2125.5
72.5°	530.1	538.7	657.0	951.3	1616.0	2578.2	3021.9	2856.9	2901.9	2896.0	1865.9
75°	326.7	343.2	402.4	580.6	1004.2	2028.6	2719.7	2588.8	2436.7	2420.1	1405.0
77.5°	212.9	221.5	272.1	342.6	443.1	1164.6	2065.7	1941.0	1538.6	1519.4	755.2
80°	128.0	142.2	178.2	215.3	200.7	445.4	1179.5	964.2	543.6	537.7	232.1
82.5°	68.8	81.7	125.7	133.3	112.8	157.4	427.2	313.5	173.9	171.9	87.0
85°	54.6	60.8	90.3	84.3	63.8	79.7	166.7	130.6	89.3	87.3	32.7
87.5°	33.1	41.7	68.4	56.9	31.7	28.8	76.4	61.8	42.0	39.0	12.9
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°	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2
2.5°	763.8	765.5	767.1	763.8	765.2	763.5	763.5	763.5	759.2	757.9	761.9
5°	771.1	773.4	774.7	764.5	758.2	749.0	741.3	729.8	723.2	718.9	718.9
7.5°	786.0	788.6	782.7	759.9	737.7	712.9	687.5	666.3	651.1	644.5	646.4
10°	807.8	808.8	789.0	747.0	699.7	653.7	617.7	589.6	570.7	561.1	559.8
12.5°	833.3	829.0	790.3	718.5	648.4	586.6	542.6	506.2	482.1	472.8	468.2
15°	858.4	848.2	785.3	684.5	590.2	515.8	459.6	425.2	410.4	406.1	404.4
17.5°	880.9	861.7	768.8	635.5	522.8	433.2	391.8	379.6	381.3	385.2	386.9
20°	901.4	872.0	745.0	577.3	438.5	368.7	358.4	369.7	378.9	384.9	385.9
22.5°	923.9	881.9	711.9	506.6	369.4	338.9	351.2	364.1	373.3	379.3	380.3
25°	941.1	881.6	665.3	422.6	325.7	331.0	345.5	357.1	364.1	368.4	368.0
27.5°	952.0	873.6	604.1	353.5	308.5	325.4	339.3	346.9	350.8	354.1	353.8
30°	955.3	858.4	527.1	302.6	300.6	320.1	330.7	335.3	338.3	341.6	341.6
32.5°	961.9	834.9	442.1	274.1	294.6	314.8	321.1	324.7	322.4	314.1	312.5
35°	969.2	808.8	361.7	260.9	289.0	311.2	317.1	307.5	282.4	279.1	277.8
37.5°	983.4	784.7	293.6	251.6	287.7	313.1	318.1	279.7	258.6	248.3	246.7
40°	1007.5	760.5	248.0	245.0	289.3	321.7	304.9	266.5	231.5	212.0	208.6
42.5°	1039.3	731.1	222.2	241.7	294.0	335.6	300.2	247.7	209.3	196.1	194.1
45°	1076.0	692.1	210.0	241.1	299.6	342.6	301.6	232.5	199.4	189.1	188.5
47.5°	1114.0	653.7	204.7	240.4	306.5	339.6	283.4	227.8	195.4	192.4	194.4
50°	1155.0	610.1	200.4	238.7	312.1	339.6	273.5	226.8	196.7	203.4	210.0
52.5°	1193.4	573.4	195.4	233.8	314.5	333.6	270.5	230.5	198.7	197.1	199.1
55°	1240.0	554.5	192.8	226.8	310.2	315.5	266.8	240.4	200.4	186.8	186.8
57.5°	1293.2	550.6	188.8	217.6	296.3	290.3	266.5	246.3	196.1	183.5	181.2
60°	1357.4	559.2	183.8	206.0	279.4	270.8	264.2	246.3	189.1	177.9	178.9
62.5°	1409.3	558.2	180.9	195.8	256.9	250.6	259.9	243.0	186.5	177.2	176.9
65°	1421.5	537.0	172.3	182.5	229.2	226.2	255.3	234.8	182.9	173.6	171.0
67.5°	1380.2	489.1	159.4	165.0	199.7	200.1	247.0	223.9	177.9	171.6	167.3
70°	1262.8	395.5	140.2	143.8	168.0	172.3	234.8	211.0	169.6	163.0	152.8
72.5°	1056.8	284.4	118.0	119.0	133.6	144.8	213.6	193.4	157.4	141.9	130.9
75°	782.4	188.8	96.2	94.9	100.2	117.7	182.5	173.9	141.5	117.7	112.1
77.5°	413.7	111.8	74.1	74.4	71.1	90.3	144.8	151.1	125.7	99.2	93.6
80°	141.5	67.1	53.2	55.6	50.3	64.5	107.5	125.7	107.5	82.7	73.1
82.5°	64.8	41.0	38.0	39.7	36.0	43.6	73.7	95.2	85.6	60.2	48.6
85°	32.7	24.5	24.5	26.8	23.8	22.5	40.7	63.2	62.8	41.3	35.7
87.5°	13.6	11.9	11.2	12.9	11.2	8.6	11.6	22.8	33.1	24.8	15.9
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)