

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: P672267

Luminaire Tested: **CCP-SA-1C-750-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672267
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-750-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3R distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

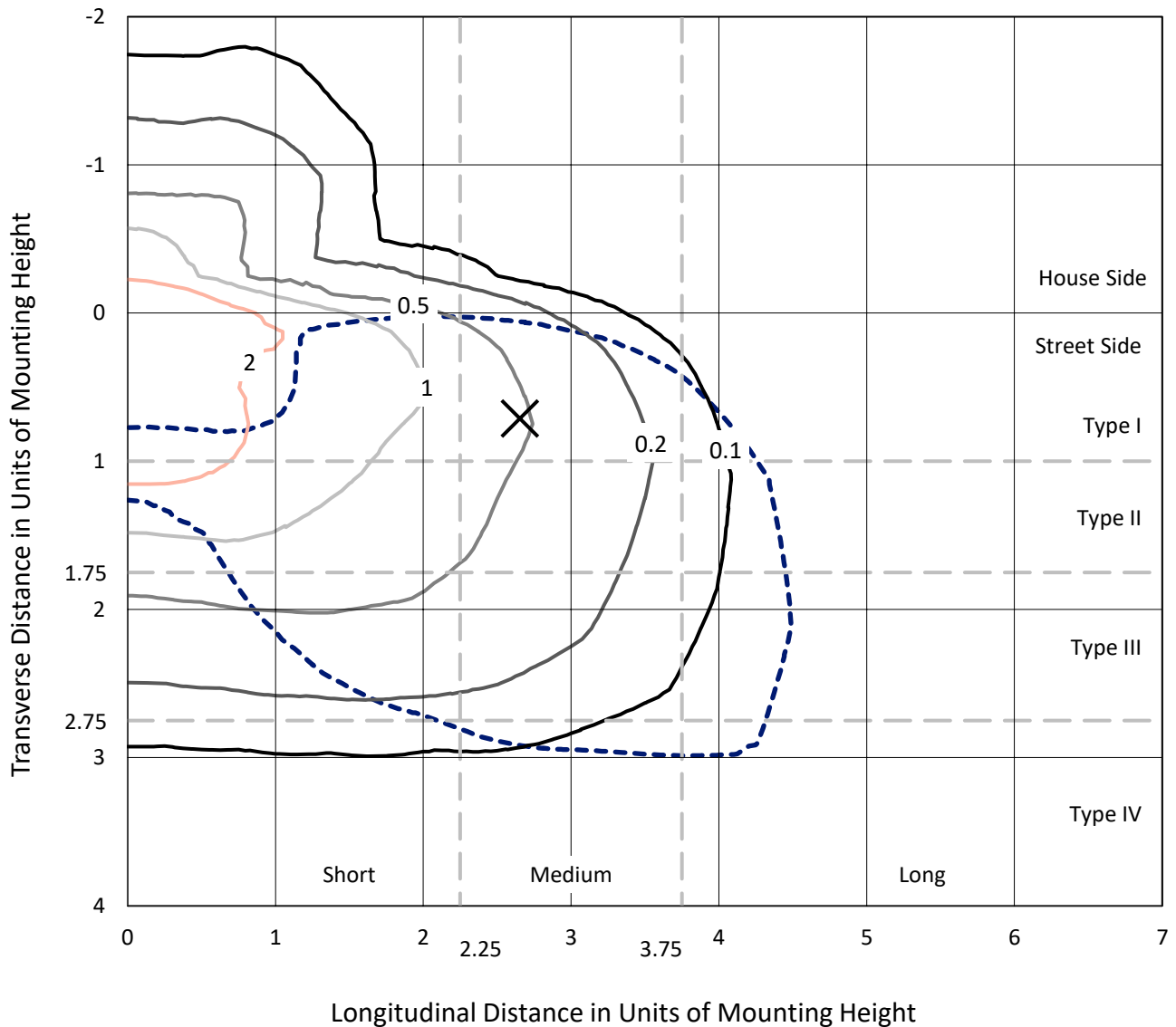
Lumens per Lamp: N/A
Luminaire Lumens: 4700.5 lumens
Efficiency: N/A
Efficacy: 146.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

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

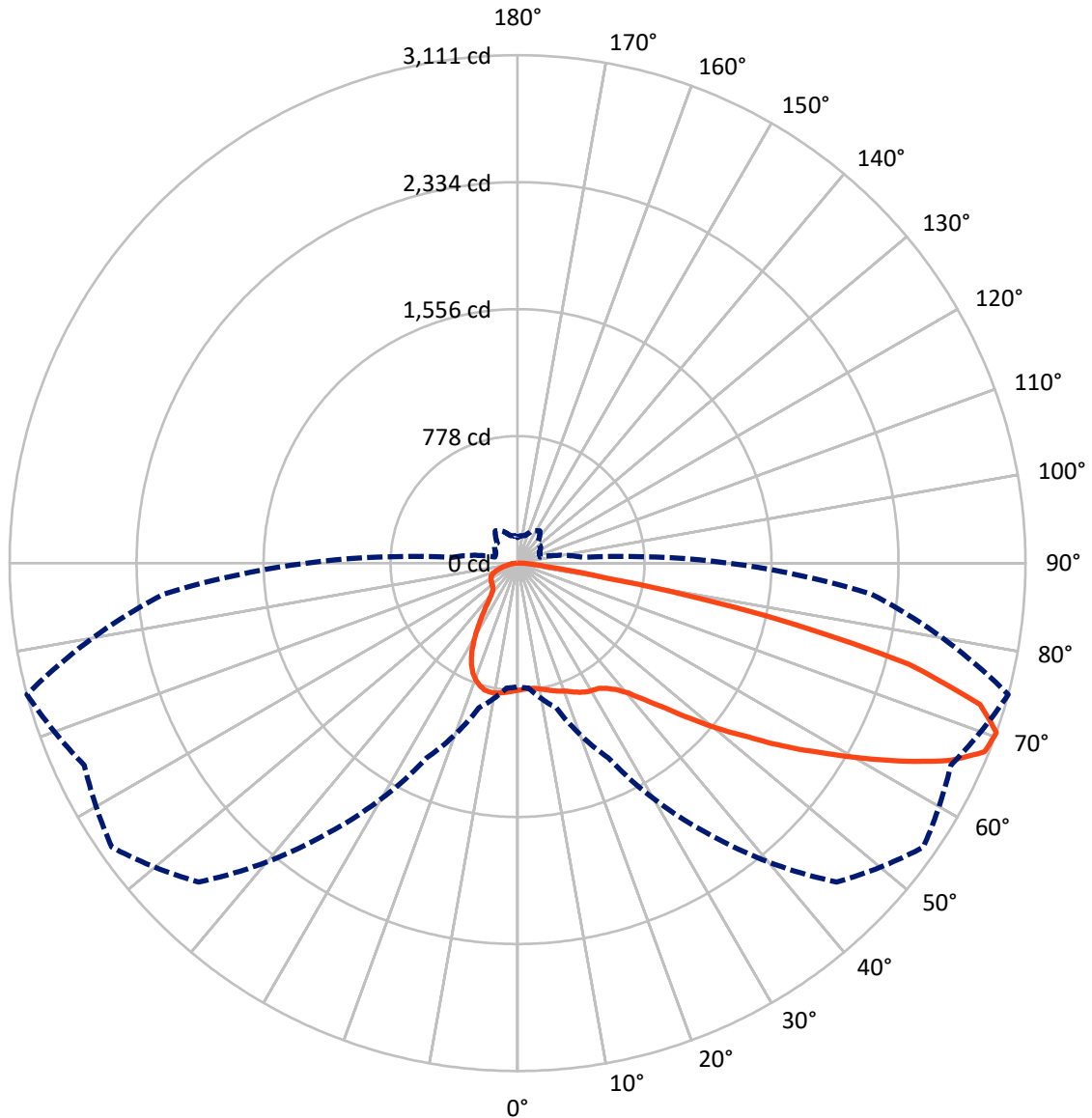
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 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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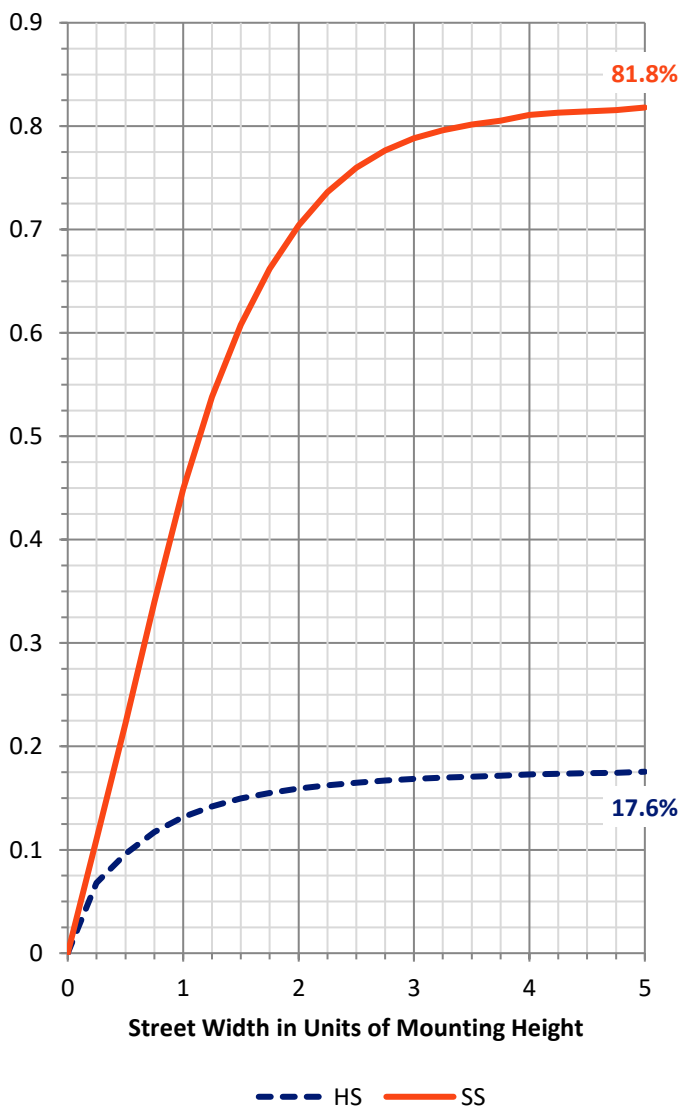
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	836.3	0.0	836.3
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	3864.3	0.0	3864.3
	% Fixture	82.2	0.0	82.2
Total	Lumens	4700.5	0.0	4700.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.9	1.5
10°-20°	186.7	4.0
20°-30°	314.5	6.7
30°-40°	477.7	10.2
40°-50°	684.3	14.6
50°-60°	907.3	19.3
60°-70°	1135.4	24.2
70°-80°	829.1	17.6
80°-90°	95.6	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°	4700.5	100.0
0°-180°	4700.5	100.0



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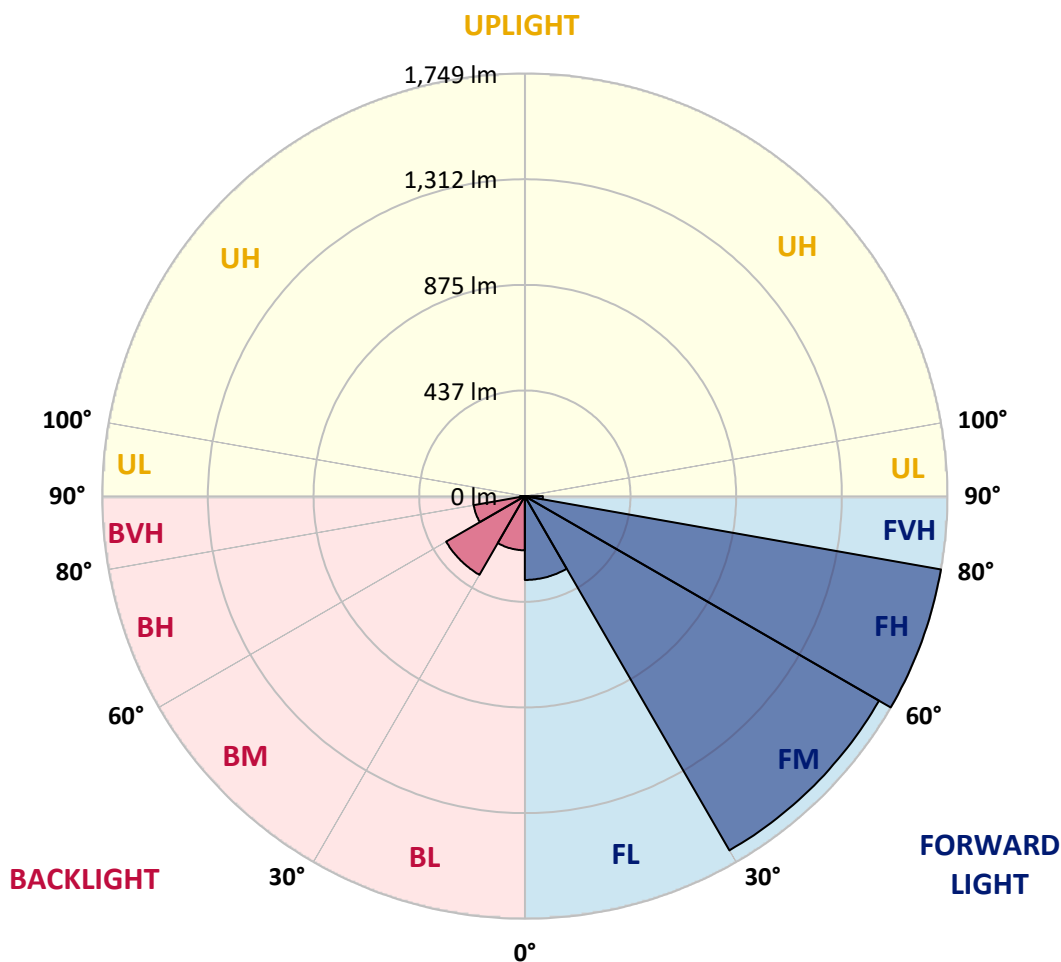
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	346.9	7.4			
FM (30°-60°)	1693.3	36.0			
FH (60°-80°)	1749.4	37.2			G1/1800
FVH (80°-90°)	74.6	1.6			G1/100
BL (0°-30°)	224.2	4.8	B1/500		
BM (30°-60°)	376.0	8.0	B1/1000		
BH (60°-80°)	215.1	4.6	B1/500		G1/500
BVH (80°-90°)	21.0	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°	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6
2.5°	736.0	740.1	743.8	747.5	750.5	758.7	760.4	769.1	771.5	773.5	776.3
5°	694.7	697.8	701.5	707.6	714.0	728.6	738.7	758.0	768.8	772.2	781.7
7.5°	672.4	673.4	678.5	683.6	691.0	705.2	719.1	749.2	770.8	774.6	794.9
10°	656.2	657.5	662.3	669.4	676.8	690.0	707.3	743.1	778.3	784.0	812.8
12.5°	650.4	649.8	655.2	659.9	670.4	687.0	704.9	743.4	788.4	796.5	838.8
15°	673.4	669.0	672.4	670.7	674.1	690.3	711.6	750.9	800.9	811.1	865.9
17.5°	724.2	720.4	718.1	703.5	694.1	703.2	723.5	761.4	814.1	825.0	890.2
20°	799.9	789.4	780.6	756.3	729.9	726.9	741.1	771.9	826.6	837.1	915.9
22.5°	886.2	877.7	863.5	820.9	780.0	759.7	763.4	791.1	844.9	856.4	945.4
25°	995.1	994.8	965.7	908.2	846.3	805.3	797.6	821.9	865.5	876.7	969.7
27.5°	1119.2	1110.8	1076.3	1002.2	924.4	861.8	843.6	853.4	882.1	893.6	989.3
30°	1225.4	1226.4	1191.3	1110.4	1007.6	917.0	882.5	876.0	892.9	904.4	1007.6
32.5°	1339.1	1333.3	1301.2	1218.0	1097.6	976.1	907.5	892.3	904.1	914.9	1033.0
35°	1446.0	1439.5	1411.8	1322.2	1196.7	1041.4	941.3	917.6	930.5	942.3	1064.1
37.5°	1547.8	1548.8	1517.3	1431.8	1292.7	1118.5	991.4	955.9	969.7	982.9	1111.4
40°	1636.7	1631.7	1607.3	1530.2	1392.5	1197.0	1047.9	1007.9	1035.0	1047.2	1171.3
42.5°	1665.1	1664.8	1674.3	1626.9	1497.4	1290.4	1118.2	1089.1	1127.3	1145.6	1244.7
45°	1640.4	1647.9	1702.7	1701.3	1602.2	1397.6	1214.3	1187.9	1243.0	1263.7	1334.3
47.5°	1616.1	1627.3	1701.7	1743.9	1696.3	1515.6	1332.3	1312.7	1391.8	1421.6	1427.4
50°	1580.6	1591.1	1679.7	1750.0	1753.8	1635.0	1485.2	1460.5	1562.3	1592.8	1528.5
52.5°	1541.0	1549.1	1640.8	1745.6	1781.2	1728.4	1635.0	1627.9	1745.0	1769.7	1631.3
55°	1322.5	1357.0	1583.6	1736.2	1800.1	1799.8	1780.8	1804.2	1944.2	1981.1	1746.0
57.5°	1197.0	1215.3	1422.6	1730.8	1835.6	1865.7	1931.3	1981.4	2156.9	2190.1	1872.5
60°	1156.1	1172.3	1341.8	1724.3	1906.3	1968.9	2078.5	2159.6	2385.6	2426.2	2013.9
62.5°	1118.9	1138.5	1309.0	1673.3	1991.9	2132.2	2254.0	2352.4	2626.7	2674.8	2154.6
65°	1043.1	1057.0	1248.8	1630.3	2073.1	2365.3	2507.3	2564.8	2860.5	2914.6	2247.9
67.5°	912.2	925.4	1113.1	1531.5	2125.8	2607.8	2784.4	2784.7	3041.1	3085.4	2267.5
70°	758.3	768.5	917.6	1316.4	2015.9	2763.4	3034.3	2928.4	3092.2	3111.4	2174.2
72.5°	542.2	551.0	672.1	973.1	1653.0	2637.2	3091.1	2922.4	2968.4	2962.3	1908.7
75°	334.2	351.1	411.6	593.9	1027.2	2075.1	2782.0	2648.1	2492.5	2475.6	1437.2
77.5°	217.8	226.6	278.4	350.4	453.2	1191.3	2113.0	1985.4	1573.8	1554.2	772.5
80°	130.9	145.4	182.3	220.2	205.3	455.6	1206.5	986.3	556.1	550.0	237.4
82.5°	70.4	83.5	128.5	136.3	115.3	161.0	437.0	320.6	177.9	175.9	89.0
85°	55.8	62.2	92.3	86.3	65.3	81.5	170.5	133.6	91.3	89.3	33.5
87.5°	33.8	42.6	70.0	58.2	32.5	29.4	78.1	63.3	43.0	39.9	13.2
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°	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6	778.6
2.5°	781.3	783.0	784.7	781.3	782.7	781.0	781.0	781.0	776.6	775.2	779.3
5°	788.8	791.1	792.5	782.0	775.6	766.1	758.3	746.5	739.7	735.3	735.3
7.5°	804.0	806.7	800.6	777.3	754.6	729.2	703.2	681.5	666.0	659.2	661.3
10°	826.3	827.3	807.0	764.1	715.7	668.7	631.8	603.1	583.8	574.0	572.6
12.5°	852.4	848.0	808.4	735.0	663.3	600.0	555.0	517.8	493.1	483.7	478.9
15°	878.1	867.6	803.3	700.1	603.8	527.6	470.1	435.0	419.8	415.4	413.7
17.5°	901.1	881.4	786.4	650.1	534.8	443.1	400.8	388.3	390.0	394.0	395.7
20°	922.0	891.9	762.0	590.6	448.5	377.1	366.6	378.1	387.6	393.7	394.7
22.5°	945.0	902.1	728.2	518.2	377.8	346.7	359.2	372.4	381.9	388.0	389.0
25°	962.6	901.7	680.5	432.3	333.2	338.6	353.5	365.3	372.4	376.8	376.5
27.5°	973.8	893.6	618.0	361.6	315.6	332.8	347.0	354.8	358.9	362.3	361.9
30°	977.2	878.1	539.1	309.5	307.5	327.4	338.2	343.0	346.0	349.4	349.4
32.5°	983.9	854.0	452.2	280.4	301.4	322.0	328.4	332.1	329.8	321.3	319.6
35°	991.4	827.3	370.0	266.9	295.6	318.3	324.4	314.6	288.9	285.5	284.1
37.5°	1005.9	802.6	300.4	257.4	294.3	320.3	325.4	286.1	264.5	254.0	252.3
40°	1030.6	777.9	253.7	250.6	296.0	329.1	311.9	272.6	236.8	216.8	213.4
42.5°	1063.1	747.8	227.3	247.3	300.7	343.3	307.1	253.3	214.1	200.6	198.5
45°	1100.6	707.9	214.8	246.6	306.4	350.4	308.5	237.8	204.0	193.5	192.8
47.5°	1139.5	668.7	209.4	245.9	313.5	347.4	289.9	233.0	199.9	196.9	198.9
50°	1181.5	624.0	205.0	244.2	319.3	347.4	279.7	232.0	201.3	208.0	214.8
52.5°	1220.7	586.5	199.9	239.1	321.7	341.3	276.7	235.8	203.3	201.6	203.6
55°	1268.4	567.2	197.2	232.0	317.3	322.7	273.0	245.9	205.0	191.1	191.1
57.5°	1322.8	563.2	193.1	222.6	303.1	297.0	272.6	252.0	200.6	187.7	185.4
60°	1388.5	572.0	188.1	210.7	285.8	277.0	270.3	252.0	193.5	182.0	183.0
62.5°	1441.6	570.9	185.0	200.2	262.8	256.4	265.9	248.6	190.8	181.3	181.0
65°	1454.1	549.3	176.2	186.7	234.4	231.4	261.1	240.1	187.0	177.6	174.9
67.5°	1411.8	500.3	163.0	168.8	204.3	204.6	252.7	229.0	182.0	175.5	171.1
70°	1291.7	404.5	143.4	147.1	171.8	176.2	240.1	215.8	173.5	166.8	156.3
72.5°	1081.0	290.9	120.8	121.8	136.6	148.1	218.5	197.9	161.0	145.1	133.9
75°	800.3	193.1	98.4	97.1	102.5	120.4	186.7	177.9	144.8	120.4	114.7
77.5°	423.1	114.3	75.8	76.1	72.7	92.3	148.1	154.6	128.5	101.5	95.7
80°	144.8	68.7	54.5	56.8	51.4	66.0	109.9	128.5	109.9	84.6	74.8
82.5°	66.3	41.9	38.9	40.6	36.9	44.6	75.4	97.4	87.6	61.6	49.7
85°	33.5	25.0	25.0	27.4	24.4	23.0	41.6	64.6	64.3	42.3	36.5
87.5°	13.9	12.2	11.5	13.2	11.5	8.8	11.8	23.3	33.8	25.4	16.2
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)