

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: P672212

Luminaire Tested: **CCP-SA-1C-722-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672212
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-722-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3R distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

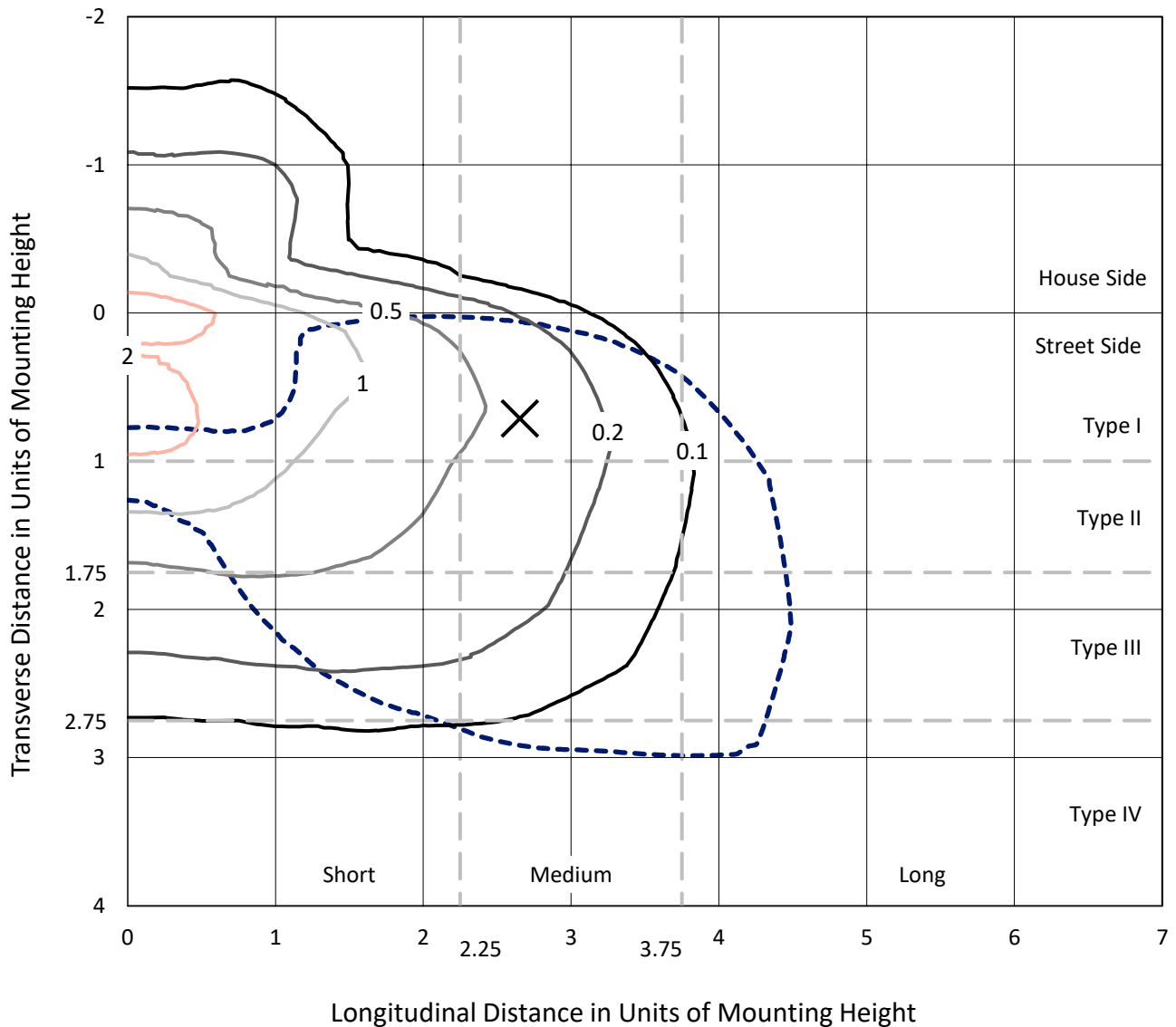
Lumens per Lamp: N/A
Luminaire Lumens: 3384.9 lumens
Efficiency: N/A
Efficacy: 105.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

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

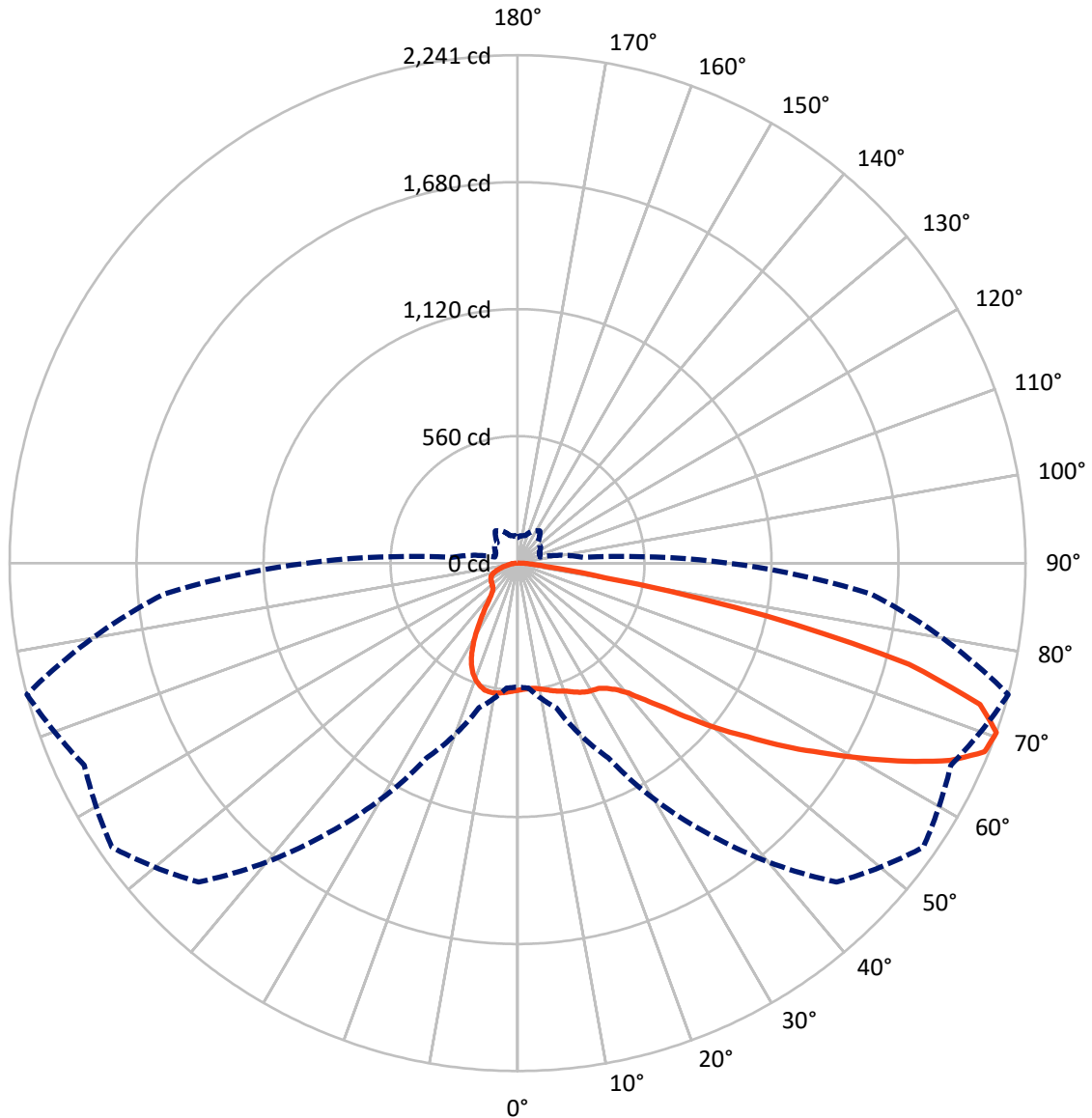
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 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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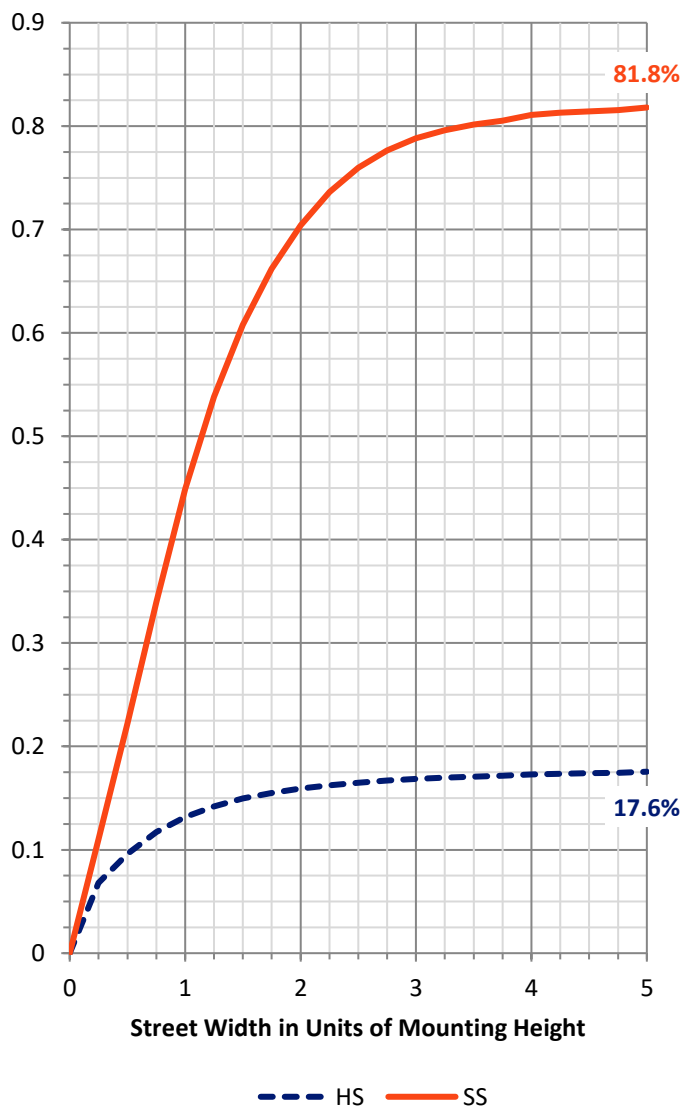
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	602.2	0.0	602.2
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	2782.7	0.0	2782.7
	% Fixture	82.2	0.0	82.2
Total	Lumens	3384.9	0.0	3384.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.4	1.5
10°-20°	134.4	4.0
20°-30°	226.5	6.7
30°-40°	344.0	10.2
40°-50°	492.8	14.6
50°-60°	653.3	19.3
60°-70°	817.6	24.2
70°-80°	597.1	17.6
80°-90°	68.8	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°	3384.9	100.0
0°-180°	3384.9	100.0



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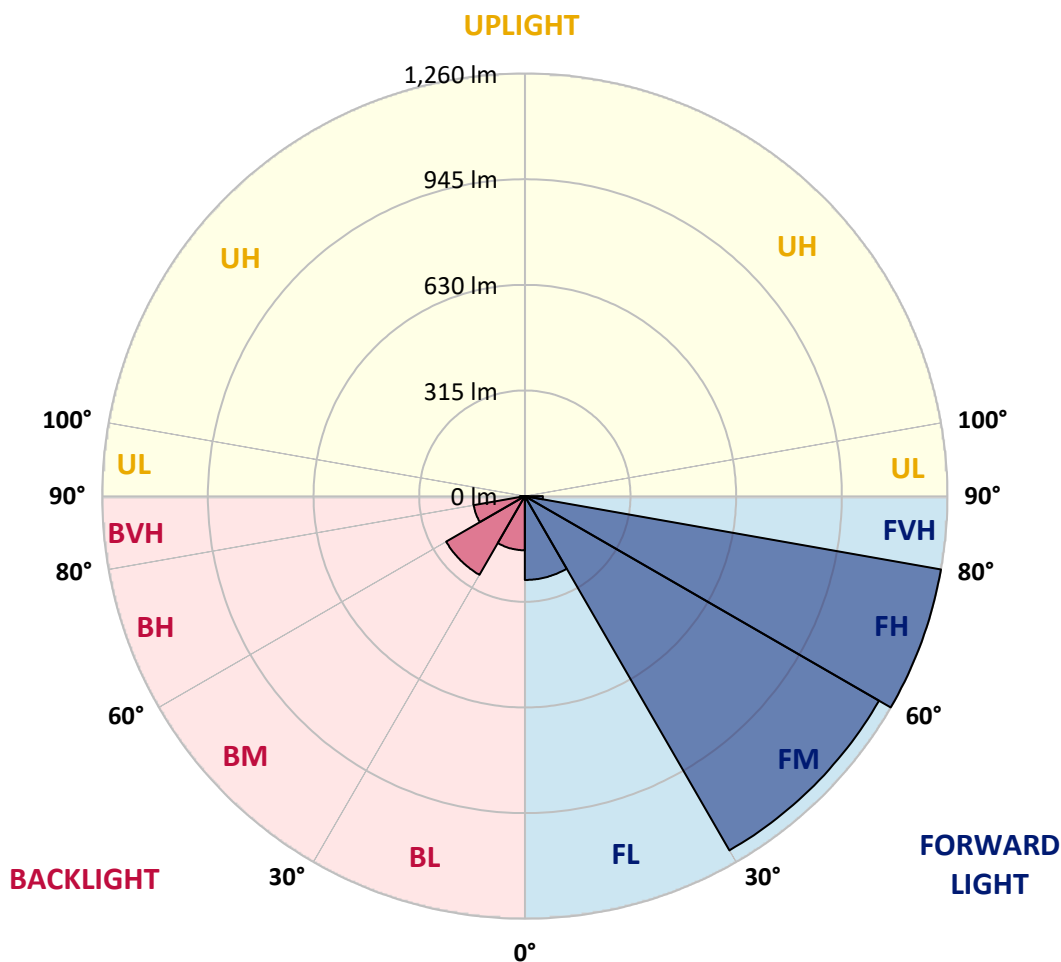
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	249.8	7.4			
FM (30°-60°)	1219.4	36.0			
FH (60°-80°)	1259.8	37.2			G1/1800
FVH (80°-90°)	53.7	1.6			G1/100
BL (0°-30°)	161.4	4.8	B1/500		
BM (30°-60°)	270.8	8.0	B1/1000		
BH (60°-80°)	154.9	4.6	B1/500		G1/500
BVH (80°-90°)	15.1	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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	530.0	532.9	535.6	538.3	540.5	546.3	547.5	553.9	555.6	557.0	559.0
5°	500.3	502.5	505.2	509.5	514.2	524.6	532.0	545.8	553.6	556.1	562.9
7.5°	484.2	484.9	488.6	492.2	497.6	507.8	517.8	539.5	555.1	557.8	572.4
10°	472.5	473.5	476.9	482.0	487.4	496.9	509.3	535.1	560.4	564.6	585.3
12.5°	468.4	467.9	471.8	475.2	482.8	494.7	507.6	535.4	567.8	573.6	604.0
15°	484.9	481.8	484.2	483.0	485.4	497.1	512.5	540.7	576.8	584.1	623.5
17.5°	521.5	518.8	517.1	506.6	499.8	506.4	521.0	548.3	586.3	594.1	641.1
20°	576.0	568.5	562.2	544.6	525.6	523.4	533.7	555.8	595.3	602.8	659.6
22.5°	638.1	632.1	621.8	591.1	561.7	547.1	549.7	569.7	608.4	616.7	680.8
25°	716.6	716.3	695.4	654.0	609.4	579.9	574.3	591.9	623.3	631.3	698.3
27.5°	806.0	799.9	775.0	721.7	665.7	620.6	607.5	614.5	635.2	643.5	712.4
30°	882.4	883.2	857.8	799.6	725.6	660.3	635.5	630.8	643.0	651.3	725.6
32.5°	964.3	960.1	937.0	877.1	790.4	702.9	653.5	642.5	651.1	658.8	743.9
35°	1041.2	1036.6	1016.6	952.1	861.7	749.9	677.8	660.8	670.1	678.6	766.3
37.5°	1114.6	1115.3	1092.6	1031.0	930.9	805.5	713.9	688.3	698.3	707.8	800.4
40°	1178.6	1175.0	1157.4	1101.9	1002.8	862.0	754.6	725.8	745.3	754.1	843.5
42.5°	1199.1	1198.8	1205.7	1171.6	1078.3	929.2	805.2	784.3	811.8	825.0	896.3
45°	1181.3	1186.7	1226.1	1225.1	1153.8	1006.4	874.4	855.4	895.1	910.0	960.9
47.5°	1163.8	1171.8	1225.4	1255.8	1221.5	1091.4	959.4	945.3	1002.3	1023.7	1027.9
50°	1138.2	1145.7	1209.6	1260.2	1262.9	1177.4	1069.5	1051.7	1125.0	1147.0	1100.7
52.5°	1109.7	1115.5	1181.5	1257.1	1282.6	1244.6	1177.4	1172.3	1256.6	1274.3	1174.7
55°	952.3	977.2	1140.4	1250.2	1296.3	1296.0	1282.4	1299.2	1400.0	1426.6	1257.3
57.5°	862.0	875.1	1024.4	1246.3	1321.8	1343.5	1390.8	1426.8	1553.2	1577.1	1348.4
60°	832.5	844.2	966.2	1241.7	1372.7	1417.8	1496.7	1555.2	1717.9	1747.1	1450.2
62.5°	805.7	819.8	942.6	1204.9	1434.4	1535.4	1623.1	1694.0	1891.5	1926.1	1551.5
65°	751.2	761.1	899.3	1174.0	1492.8	1703.3	1805.6	1847.0	2059.8	2098.8	1618.7
67.5°	656.9	666.4	801.6	1102.9	1530.8	1877.9	2005.0	2005.3	2189.9	2221.8	1632.9
70°	546.1	553.4	660.8	948.0	1451.7	1989.9	2185.0	2108.8	2226.7	2240.6	1565.6
72.5°	390.4	396.8	484.0	700.7	1190.3	1899.1	2226.0	2104.4	2137.5	2133.2	1374.4
75°	240.6	252.8	296.4	427.7	739.7	1494.3	2003.3	1906.9	1794.8	1782.7	1034.9
77.5°	156.9	163.2	200.5	252.3	326.4	857.8	1521.6	1429.7	1133.3	1119.2	556.3
80°	94.3	104.7	131.3	158.6	147.8	328.1	868.8	710.2	400.4	396.0	171.0
82.5°	50.7	60.2	92.6	98.2	83.1	115.9	314.7	230.9	128.1	126.7	64.1
85°	40.2	44.8	66.5	62.1	47.0	58.7	122.8	96.2	65.8	64.3	24.1
87.5°	24.4	30.7	50.4	41.9	23.4	21.2	56.3	45.5	30.9	28.7	9.5
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°	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7	560.7
2.5°	562.6	563.9	565.1	562.6	563.6	562.4	562.4	562.4	559.2	558.3	561.2
5°	568.0	569.7	570.7	563.1	558.5	551.7	546.1	537.6	532.7	529.5	529.5
7.5°	579.0	580.9	576.5	559.7	543.4	525.1	506.4	490.8	479.6	474.7	476.2
10°	595.0	595.8	581.2	550.2	515.4	481.5	455.0	434.3	420.4	413.3	412.4
12.5°	613.8	610.6	582.1	529.3	477.6	432.1	399.7	372.9	355.1	348.3	344.9
15°	632.3	624.7	578.5	504.2	434.8	380.0	338.6	313.2	302.3	299.1	297.9
17.5°	648.9	634.7	566.3	468.1	385.1	319.1	288.6	279.6	280.8	283.8	285.0
20°	664.0	642.3	548.8	425.3	323.0	271.6	264.0	272.3	279.1	283.5	284.2
22.5°	680.5	649.6	524.4	373.1	272.1	249.7	258.7	268.2	275.0	279.4	280.1
25°	693.2	649.4	490.1	311.3	239.9	243.8	254.5	263.1	268.2	271.3	271.1
27.5°	701.2	643.5	445.0	260.4	227.2	239.7	249.9	255.5	258.4	260.9	260.6
30°	703.7	632.3	388.2	222.9	221.4	235.8	243.6	247.0	249.2	251.6	251.6
32.5°	708.5	615.0	325.6	201.9	217.0	231.9	236.5	239.2	237.5	231.4	230.2
35°	713.9	595.8	266.5	192.2	212.9	229.2	233.6	226.5	208.0	205.6	204.6
37.5°	724.4	578.0	216.3	185.4	211.9	230.7	234.3	206.1	190.5	182.9	181.7
40°	742.1	560.2	182.7	180.5	213.1	237.0	224.6	196.3	170.5	156.1	153.7
42.5°	765.5	538.5	163.7	178.0	216.5	247.2	221.2	182.4	154.2	144.4	143.0
45°	792.6	509.8	154.7	177.6	220.7	252.3	222.1	171.2	146.9	139.3	138.8
47.5°	820.6	481.5	150.8	177.1	225.8	250.1	208.7	167.8	143.9	141.8	143.2
50°	850.8	449.4	147.6	175.9	229.9	250.1	201.4	167.1	144.9	149.8	154.7
52.5°	879.0	422.3	143.9	172.2	231.6	245.8	199.2	169.8	146.4	145.2	146.6
55°	913.4	408.5	142.0	167.1	228.5	232.4	196.6	177.1	147.6	137.6	137.6
57.5°	952.6	405.5	139.1	160.3	218.2	213.9	196.3	181.5	144.4	135.2	133.5
60°	999.8	411.9	135.4	151.7	205.8	199.5	194.6	181.5	139.3	131.0	131.8
62.5°	1038.1	411.1	133.2	144.2	189.3	184.6	191.4	179.0	137.4	130.6	130.3
65°	1047.1	395.6	126.9	134.4	168.8	166.6	188.0	172.9	134.7	127.9	125.9
67.5°	1016.6	360.2	117.4	121.5	147.1	147.4	181.9	164.9	131.0	126.4	123.2
70°	930.2	291.3	103.3	106.0	123.7	126.9	172.9	155.4	124.9	120.1	112.5
72.5°	778.4	209.5	87.0	87.7	98.4	106.7	157.3	142.5	115.9	104.5	96.5
75°	576.3	139.1	70.9	69.9	73.8	86.7	134.4	128.1	104.2	86.7	82.6
77.5°	304.7	82.3	54.6	54.8	52.4	66.5	106.7	111.3	92.6	73.1	68.9
80°	104.2	49.4	39.2	40.9	37.0	47.5	79.2	92.6	79.2	60.9	53.8
82.5°	47.7	30.2	28.0	29.2	26.5	32.2	54.3	70.1	63.1	44.3	35.8
85°	24.1	18.0	18.0	19.7	17.5	16.6	30.0	46.5	46.3	30.4	26.3
87.5°	10.0	8.8	8.3	9.5	8.3	6.3	8.5	16.8	24.4	18.3	11.7
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)