

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: P674992

Luminaire Tested: **CCW-SA-1D-750-U-T3**

Issue Date: 04/25/2023



Test Information

Test Method: LM-79-08
Report Number: P674992
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1D-750-U-T3
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @800mA w/
T3 distribution lens
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

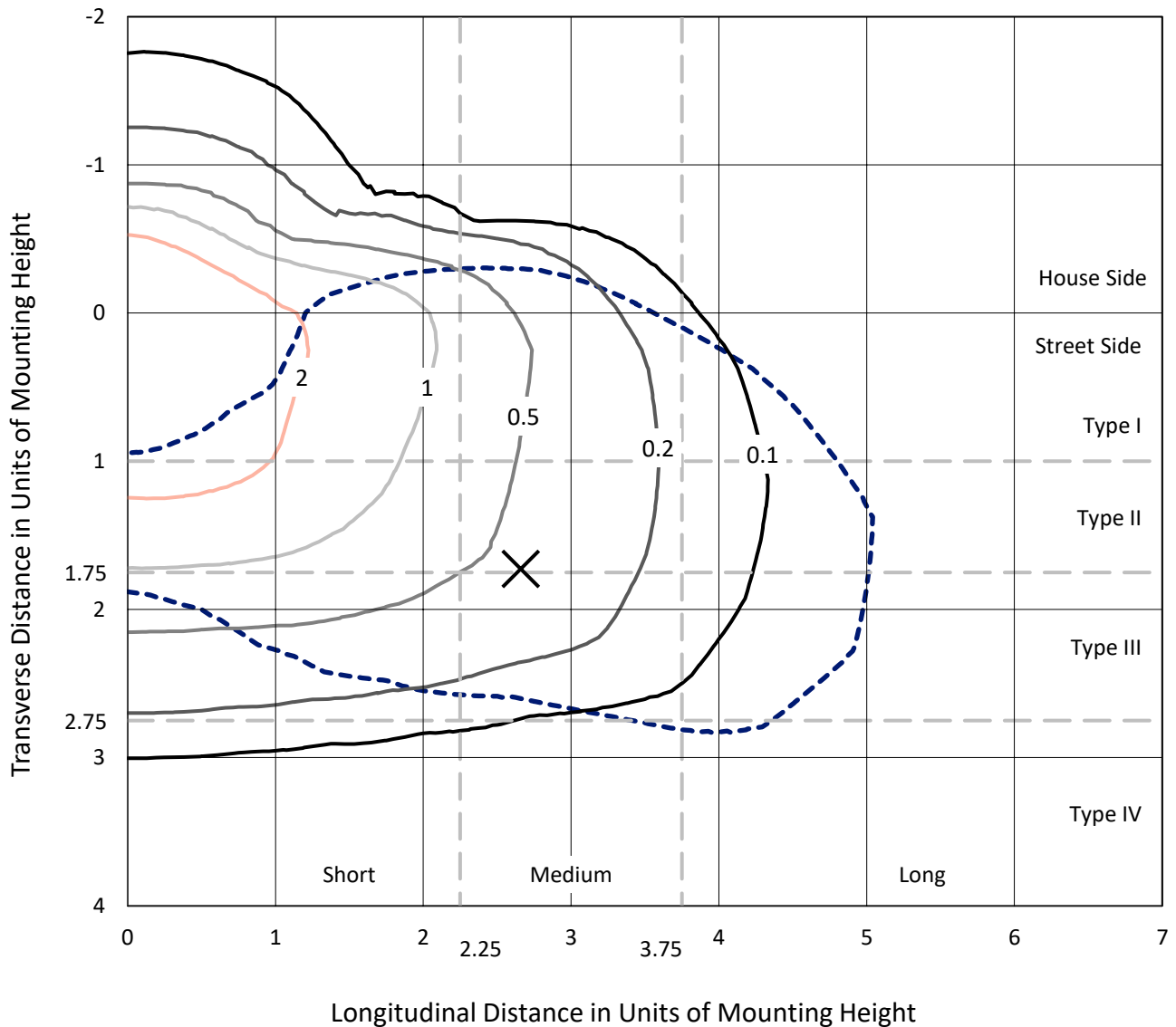
Lumens per Lamp: N/A
Luminaire Lumens: 5763.9 lumens
Efficiency: N/A
Efficacy: 131.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 44
Input Voltage (V): 120
Input Current (A_{in}): 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

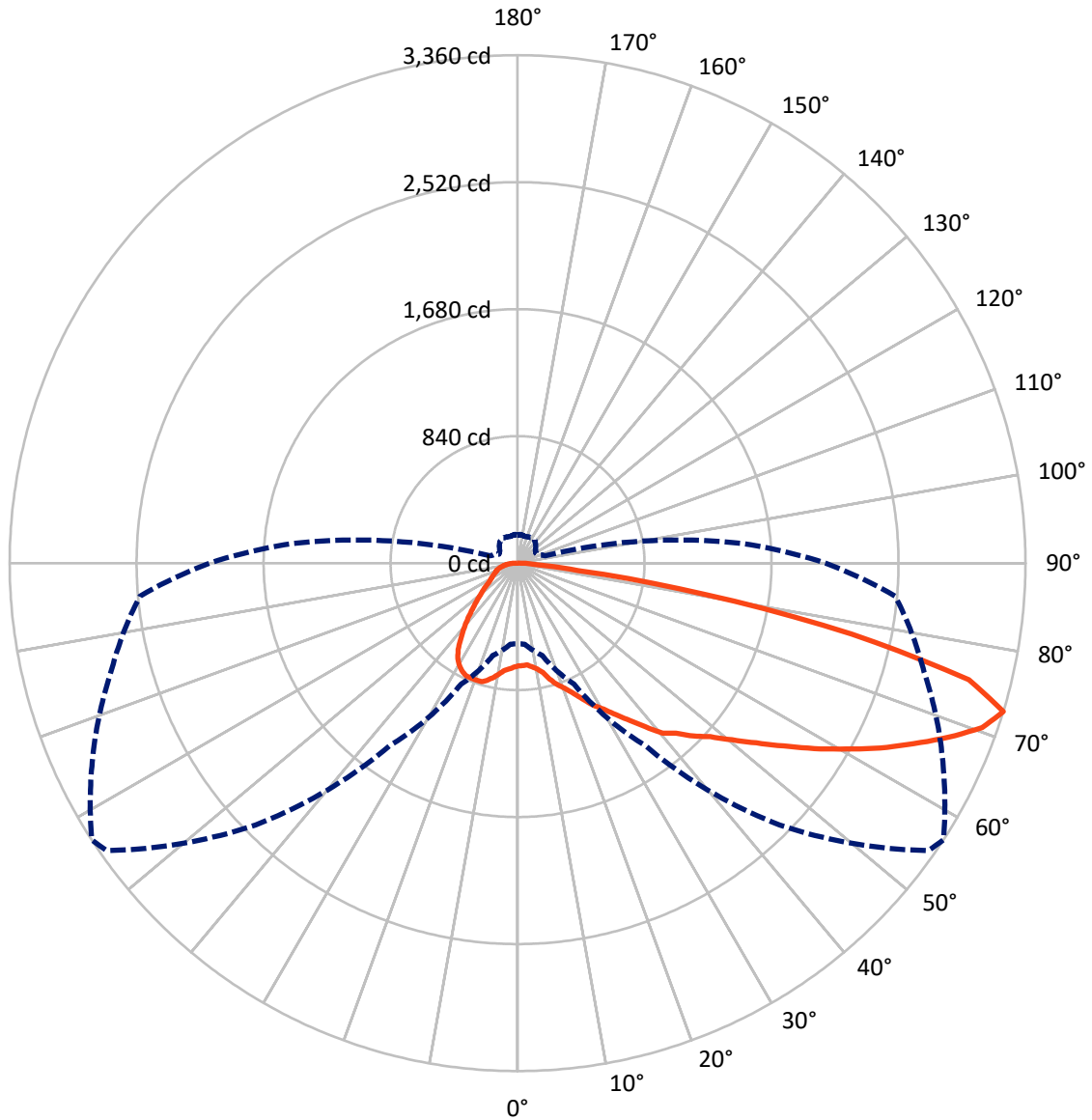
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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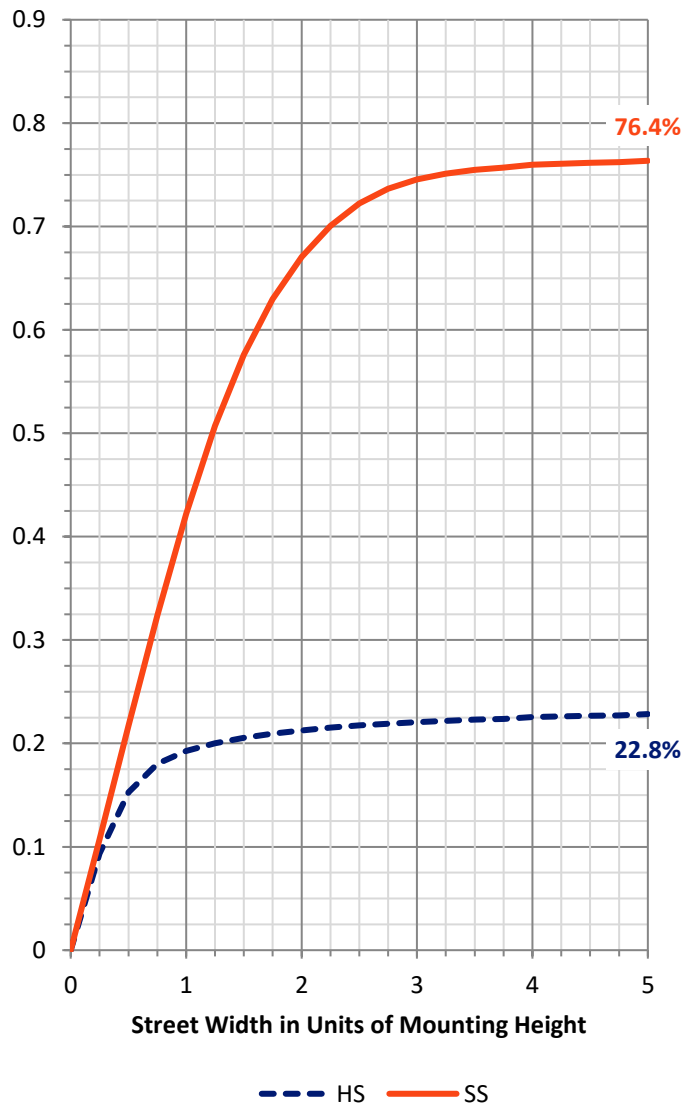
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1346.1	0.0	1346.1
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	4417.8	0.0	4417.8
	% Fixture	76.6	0.0	76.6
Total	Lumens	5763.9	0.0	5763.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	1.2
10°-20°	227.6	3.9
20°-30°	416.1	7.2
30°-40°	610.4	10.6
40°-50°	840.4	14.6
50°-60°	1152.5	20.0
60°-70°	1389.2	24.1
70°-80°	925.4	16.1
80°-90°	134.8	2.3
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°	5763.9	100.0
0°-180°	5763.9	100.0



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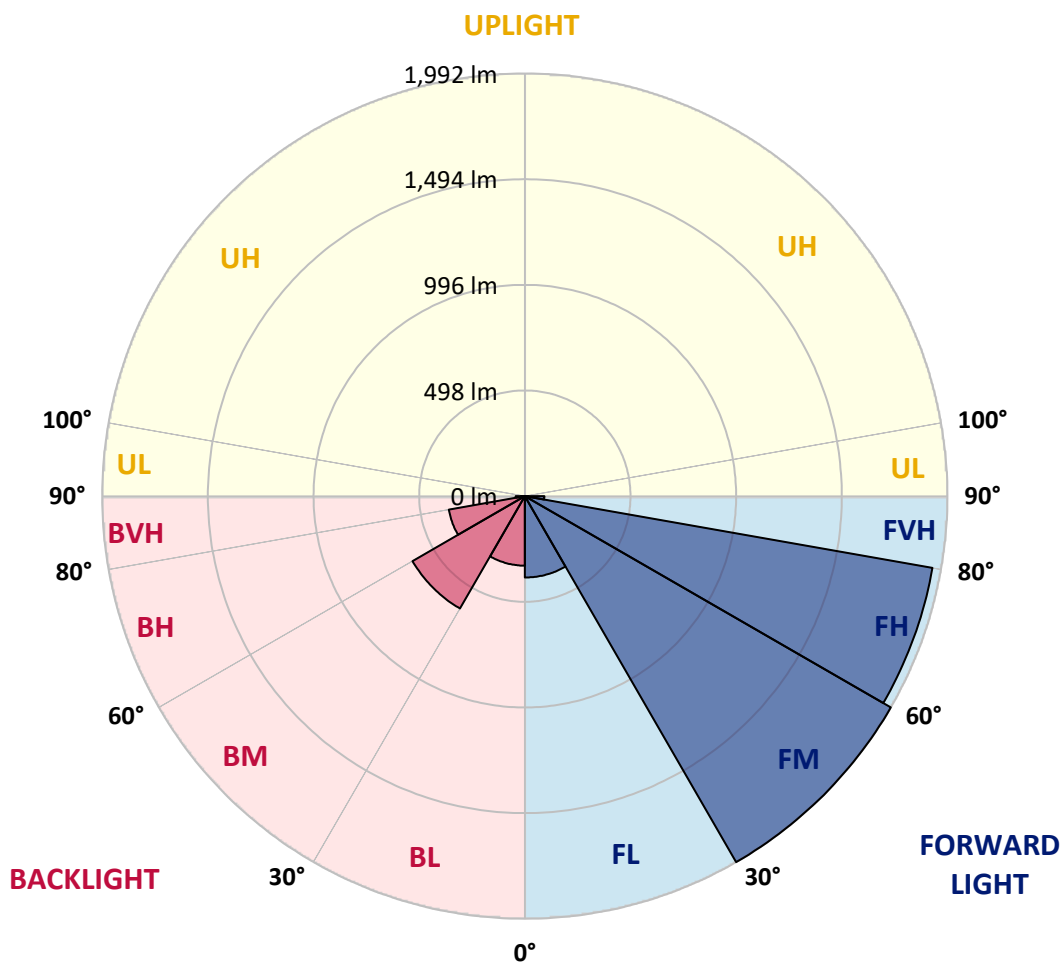
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	383.4	6.7			
FM (30°-60°)	1991.9	34.6			
FH (60°-80°)	1950.7	33.8			G2/5000
FVH (80°-90°)	91.8	1.6			G1/100
BL (0°-30°)	327.7	5.7	B1/500		
BM (30°-60°)	611.4	10.6	B1/1000		
BH (60°-80°)	364.0	6.3	B1/500		G1/500
BVH (80°-90°)	43.0	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3
2.5°	667.7	669.8	674.0	671.9	671.9	665.6	676.1	678.2	674.0	676.1	680.3
5°	667.7	671.9	678.2	674.0	676.1	674.0	669.8	676.1	676.1	678.2	684.5
7.5°	703.4	701.3	701.3	695.0	692.9	690.8	692.9	692.9	688.7	690.8	690.8
10°	743.3	743.3	739.1	739.1	734.9	724.4	713.9	711.8	705.5	707.6	707.6
12.5°	785.3	789.5	793.7	781.1	776.9	760.1	753.8	741.2	741.2	737.0	734.9
15°	837.8	831.5	835.7	831.5	821.0	804.2	793.7	795.8	781.1	776.9	770.6
17.5°	884.0	886.1	879.8	875.6	856.7	844.1	846.2	844.1	825.2	818.9	808.4
20°	938.6	936.5	936.5	923.9	907.1	890.3	884.0	881.9	886.1	873.5	848.3
22.5°	995.3	986.9	986.9	976.4	953.3	942.8	938.6	930.2	934.4	923.9	886.1
25°	1041.5	1041.5	1056.2	1035.2	1022.6	1001.6	993.2	995.3	997.4	976.4	932.3
27.5°	1102.4	1091.9	1106.6	1096.1	1089.8	1066.7	1056.2	1062.5	1058.3	1035.2	974.3
30°	1180.1	1182.2	1173.8	1159.1	1150.7	1133.9	1127.6	1121.3	1127.6	1098.2	1020.5
32.5°	1276.6	1282.9	1261.9	1245.1	1230.5	1213.7	1201.1	1194.8	1201.1	1157.0	1056.2
35°	1387.9	1394.2	1377.4	1358.5	1341.7	1299.7	1289.2	1278.7	1255.6	1184.3	1089.8
37.5°	1490.8	1482.4	1478.2	1478.2	1446.7	1385.8	1379.5	1373.2	1329.1	1238.8	1136.0
40°	1560.1	1570.6	1566.4	1562.2	1558.0	1501.3	1488.7	1478.2	1404.7	1320.7	1201.1
42.5°	1637.8	1631.5	1648.3	1654.6	1639.9	1623.1	1572.7	1537.0	1471.9	1404.7	1297.6
45°	1730.2	1726.0	1732.3	1755.4	1734.4	1740.7	1656.7	1631.5	1549.6	1509.7	1419.4
47.5°	1812.1	1822.6	1854.1	1860.4	1843.6	1873.0	1755.4	1715.5	1663.0	1631.5	1545.4
50°	1847.8	1860.4	1931.8	1975.9	1978.0	2024.2	1854.1	1837.3	1765.9	1778.5	1702.9
52.5°	1818.4	1858.3	1944.4	2059.8	2131.2	2177.4	1984.3	1975.9	1910.8	1950.7	1875.1
55°	1845.7	1883.5	1940.2	2101.8	2282.4	2292.9	2164.8	2133.3	2068.2	2122.8	2053.6
57.5°	1858.3	1837.3	1944.4	2148.0	2393.7	2421.0	2337.0	2313.9	2263.5	2316.0	2276.1
60°	1759.6	1784.8	1885.6	2135.4	2400.0	2557.5	2530.2	2496.6	2450.4	2498.7	2475.6
62.5°	1648.3	1665.1	1774.3	2059.8	2435.7	2656.2	2717.1	2691.9	2626.8	2668.8	2708.7
65°	1507.6	1509.7	1631.5	1925.5	2366.4	2712.9	2880.8	2878.7	2832.6	2822.1	2885.0
67.5°	1335.4	1352.2	1448.8	1782.7	2271.9	2775.9	3042.5	3074.0	2981.6	2899.7	2922.8
70°	1024.7	1041.5	1133.9	1461.4	2078.7	2757.0	3242.0	3258.8	3078.2	2870.4	2811.6
72.5°	533.3	537.5	632.0	881.9	1474.0	2448.3	3315.5	3359.6	3103.4	2784.3	2507.1
75°	176.4	176.4	216.3	336.0	695.0	1566.4	3002.6	3082.4	2979.5	2570.1	2051.5
77.5°	105.0	107.1	128.1	168.0	277.2	625.7	2116.5	2257.2	2437.8	2185.8	1499.2
80°	75.6	77.7	96.6	115.5	165.9	201.6	1062.5	1257.7	1497.1	1406.8	800.0
82.5°	56.7	56.7	75.6	86.1	113.4	119.7	296.1	405.3	646.7	503.9	220.5
85°	58.8	58.8	58.8	60.9	77.7	69.3	123.9	132.3	189.0	165.9	60.9
87.5°	21.0	23.1	58.8	39.9	39.9	29.4	48.3	52.5	67.2	69.3	23.1
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°	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3	680.3
2.5°	682.4	682.4	684.5	684.5	688.7	692.9	699.2	695.0	695.0	697.1	695.0
5°	680.3	682.4	688.7	699.2	703.4	705.5	718.1	718.1	718.1	722.3	722.3
7.5°	688.7	692.9	703.4	713.9	716.0	722.3	739.1	743.3	753.8	758.0	760.1
10°	709.7	716.0	724.4	737.0	745.4	753.8	766.4	781.1	779.0	791.6	793.7
12.5°	741.2	739.1	753.8	766.4	774.8	787.4	791.6	791.6	791.6	791.6	795.8
15°	766.4	770.6	783.2	791.6	802.1	800.0	791.6	783.2	785.3	783.2	783.2
17.5°	804.2	804.2	814.7	816.8	821.0	800.0	787.4	787.4	793.7	793.7	789.5
20°	842.0	839.9	844.1	842.0	814.7	789.5	787.4	789.5	791.6	789.5	787.4
22.5°	877.7	873.5	867.2	858.8	810.5	787.4	783.2	772.7	762.2	762.2	755.9
25°	909.2	905.0	888.2	863.0	808.4	774.8	753.8	728.6	716.0	709.7	718.1
27.5°	938.6	930.2	907.1	863.0	789.5	741.2	701.3	669.8	659.3	650.9	659.3
30°	978.5	963.8	932.3	856.7	760.1	688.7	634.1	596.3	585.8	573.2	577.4
32.5°	1014.2	980.6	953.3	837.8	722.3	629.9	566.9	529.1	510.2	499.7	508.1
35°	1052.0	1018.4	961.7	808.4	663.5	558.5	495.5	459.8	445.1	430.4	430.4
37.5°	1089.8	1070.9	974.3	753.8	592.1	491.3	434.6	407.4	382.2	354.9	354.9
40°	1169.6	1144.4	989.0	690.8	520.7	426.2	386.4	350.7	325.5	287.7	285.6
42.5°	1253.5	1199.0	989.0	615.2	457.7	380.1	342.3	304.5	258.3	235.2	237.3
45°	1360.6	1297.6	961.7	548.0	394.8	342.3	300.3	252.0	231.0	216.3	216.3
47.5°	1495.0	1396.3	928.1	474.5	344.4	308.7	256.2	226.8	212.1	199.5	197.4
50°	1654.6	1486.6	886.1	411.5	302.4	277.2	233.1	210.0	197.4	189.0	189.0
52.5°	1822.6	1618.9	856.7	354.9	268.8	235.2	216.3	201.6	191.1	184.8	182.7
55°	1992.7	1751.2	835.7	294.0	237.3	216.3	212.1	199.5	195.3	189.0	184.8
57.5°	2183.7	1860.4	831.5	252.0	212.1	207.9	216.3	205.8	199.5	193.2	186.9
60°	2389.5	2007.4	793.7	218.4	199.5	203.7	210.0	199.5	195.3	189.0	184.8
62.5°	2593.2	2116.5	690.8	193.2	186.9	191.1	199.5	191.1	184.8	186.9	189.0
65°	2677.2	2124.9	535.4	174.3	172.2	174.3	186.9	184.8	178.5	191.1	191.1
67.5°	2593.2	2049.4	378.0	157.5	157.5	168.0	189.0	193.2	186.9	203.7	201.6
70°	2402.1	1862.5	256.2	147.0	151.2	178.5	195.3	191.1	182.7	203.7	199.5
72.5°	2038.9	1490.8	186.9	136.5	142.8	170.1	193.2	189.0	182.7	191.1	182.7
75°	1530.7	1060.4	147.0	123.9	126.0	153.3	199.5	189.0	172.2	168.0	161.7
77.5°	1022.6	655.1	113.4	109.2	109.2	134.4	191.1	176.4	155.4	149.1	147.0
80°	487.1	262.5	90.3	92.4	94.5	115.5	174.3	157.5	140.7	132.3	132.3
82.5°	155.4	98.7	75.6	75.6	75.6	94.5	144.9	132.3	121.8	115.5	105.0
85°	54.6	54.6	65.1	67.2	60.9	69.3	119.7	113.4	100.8	84.0	81.9
87.5°	21.0	31.5	44.1	52.5	37.8	48.3	86.1	79.8	73.5	54.6	52.5
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)