

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: P674942

Luminaire Tested: **CCW-SA-2C-722-U-T3**

Issue Date: 04/25/2023



Test Information

Test Method: LM-79-08
Report Number: P674942
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-2C-722-U-T3
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
T3 distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6729.2 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

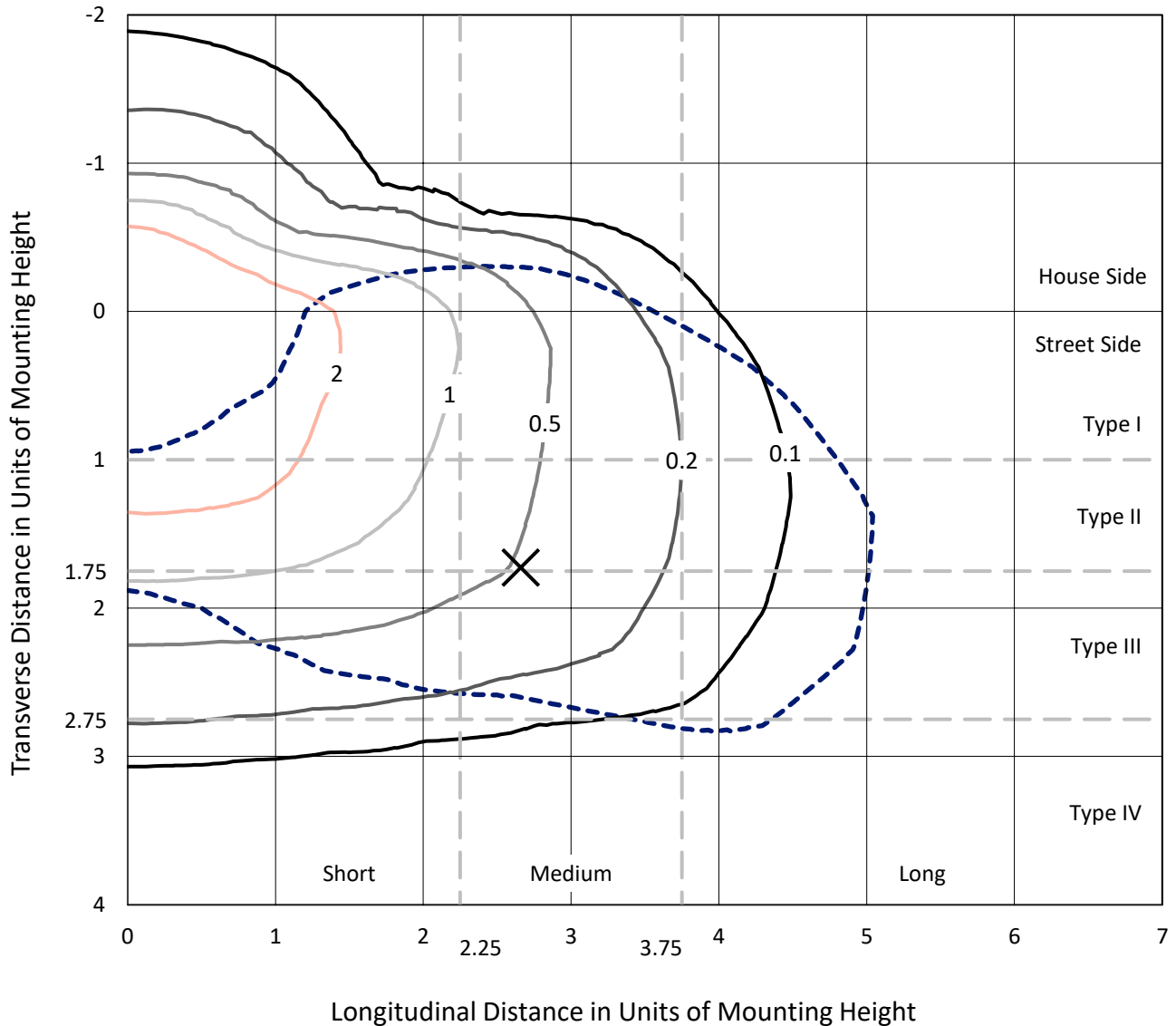
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

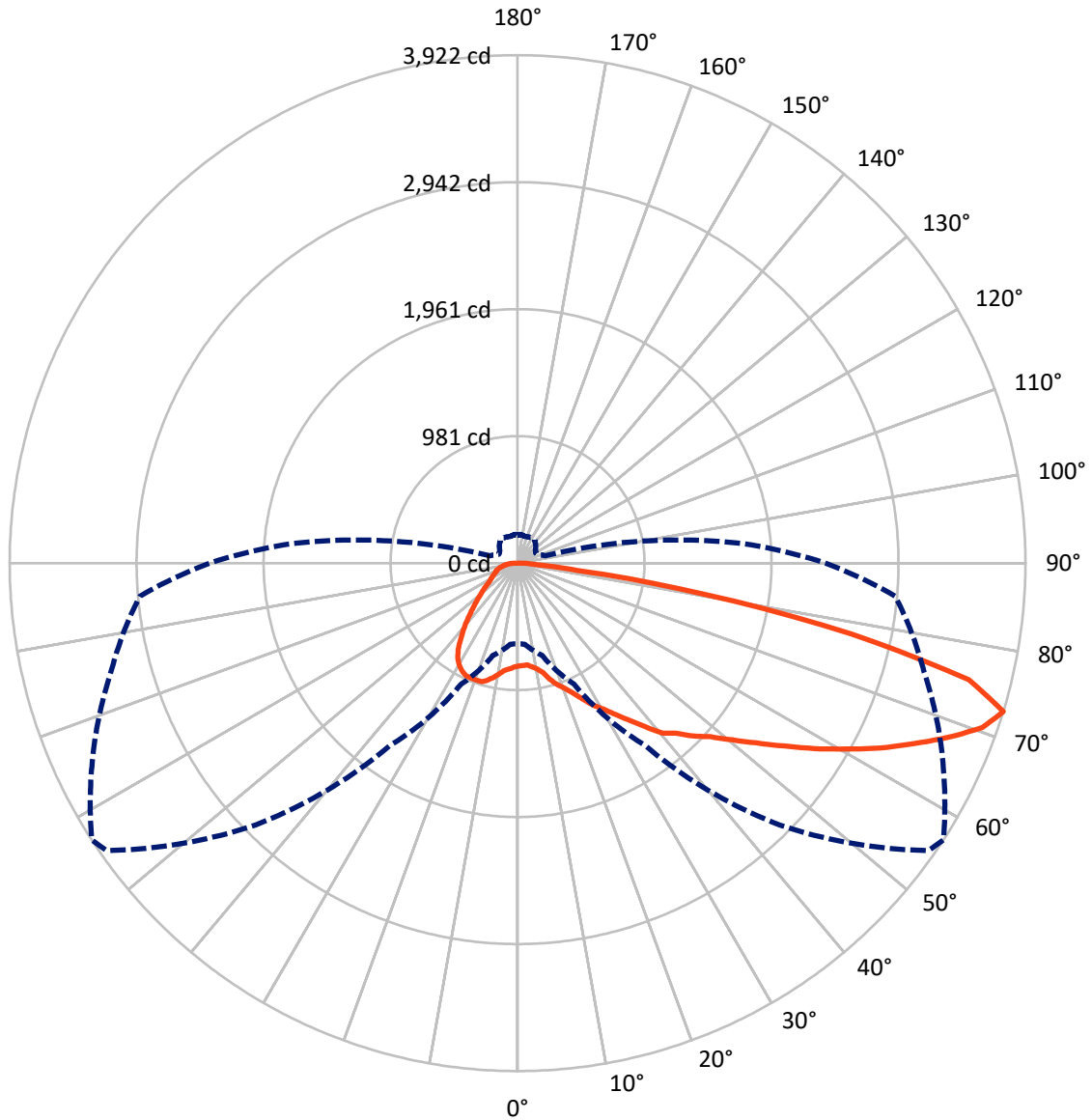
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 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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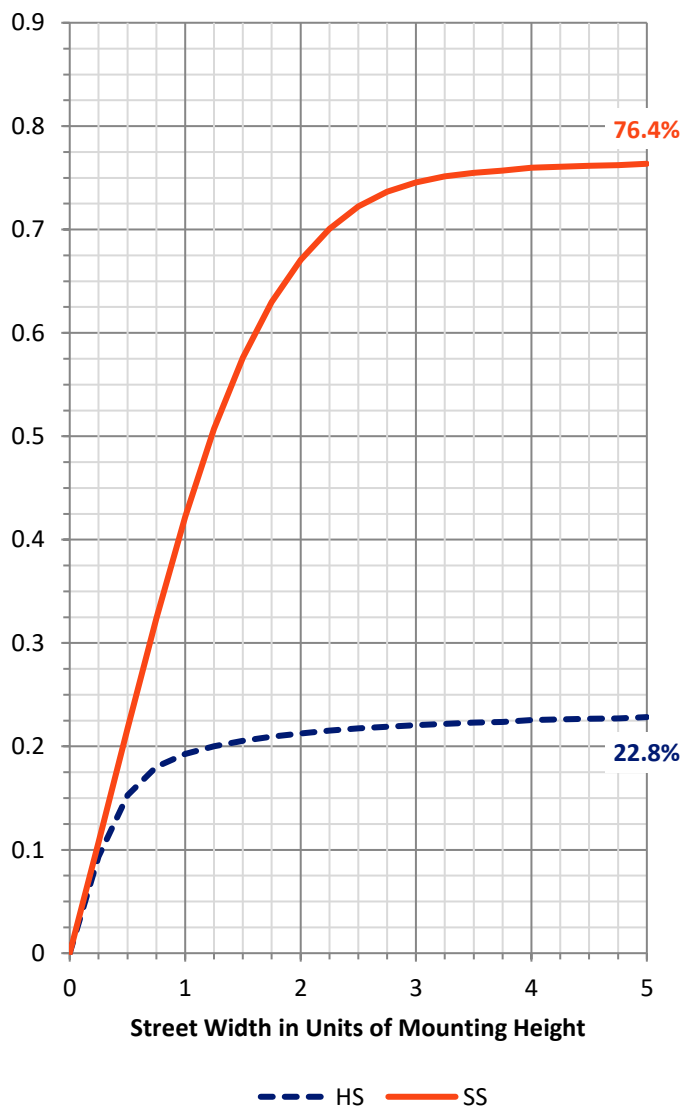
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1571.5	0.0	1571.5
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	5157.7	0.0	5157.7
	% Fixture	76.6	0.0	76.6
Total	Lumens	6729.2	0.0	6729.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.8	1.2
10°-20°	265.7	3.9
20°-30°	485.7	7.2
30°-40°	712.6	10.6
40°-50°	981.2	14.6
50°-60°	1345.5	20.0
60°-70°	1621.9	24.1
70°-80°	1080.4	16.1
80°-90°	157.4	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°	6729.2	100.0
0°-180°	6729.2	100.0



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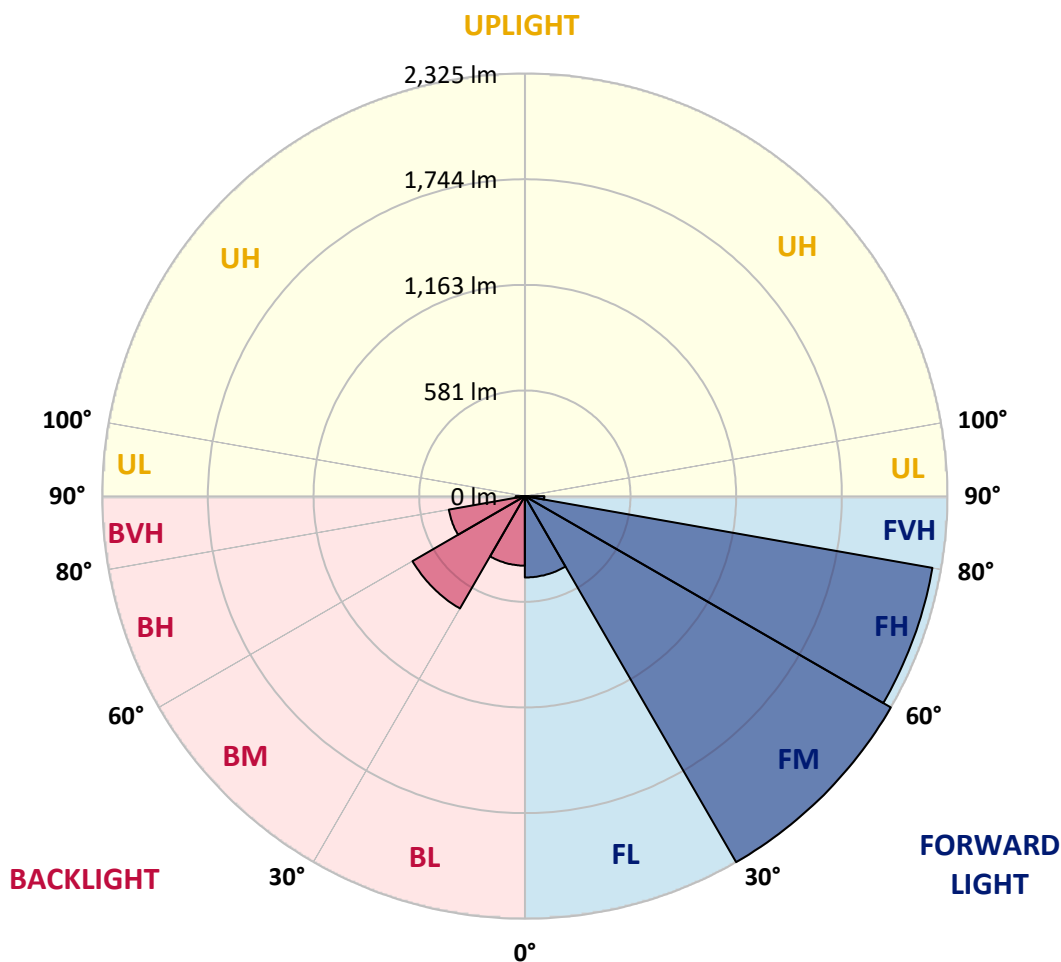
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	447.7	6.7			
FM (30°-60°)	2325.4	34.6			
FH (60°-80°)	2277.4	33.8			G2/5000
FVH (80°-90°)	107.2	1.6			G2/225
BL (0°-30°)	382.6	5.7	B1/500		
BM (30°-60°)	713.8	10.6	B1/1000		
BH (60°-80°)	424.9	6.3	B1/500		G1/500
BVH (80°-90°)	50.2	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°	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3
2.5°	779.5	782.0	786.9	784.4	784.4	777.1	789.4	791.8	786.9	789.4	794.3
5°	779.5	784.4	791.8	786.9	789.4	786.9	782.0	789.4	789.4	791.8	799.2
7.5°	821.2	818.8	818.8	811.4	809.0	806.5	809.0	809.0	804.1	806.5	806.5
10°	867.8	867.8	862.9	862.9	858.0	845.7	833.5	831.0	823.7	826.1	826.1
12.5°	916.8	921.7	926.6	911.9	907.0	887.4	880.1	865.3	865.3	860.4	858.0
15°	978.1	970.8	975.7	970.8	958.5	938.9	926.6	929.1	911.9	907.0	899.7
17.5°	1032.0	1034.5	1027.1	1022.2	1000.2	985.5	987.9	985.5	963.4	956.0	943.8
20°	1095.8	1093.3	1093.3	1078.6	1059.0	1039.4	1032.0	1029.6	1034.5	1019.8	990.4
22.5°	1162.0	1152.2	1152.2	1139.9	1112.9	1100.7	1095.8	1086.0	1090.9	1078.6	1034.5
25°	1215.9	1215.9	1233.1	1208.5	1193.8	1169.3	1159.5	1162.0	1164.4	1139.9	1088.4
27.5°	1287.0	1274.7	1291.9	1279.6	1272.3	1245.3	1233.1	1240.4	1235.5	1208.5	1137.4
30°	1377.7	1380.1	1370.3	1353.2	1343.4	1323.8	1316.4	1309.0	1316.4	1282.1	1191.4
32.5°	1490.5	1497.8	1473.3	1453.7	1436.5	1416.9	1402.2	1394.8	1402.2	1350.7	1233.1
35°	1620.4	1627.7	1608.1	1586.1	1566.4	1517.4	1505.2	1492.9	1465.9	1382.6	1272.3
37.5°	1740.5	1730.7	1725.8	1725.8	1689.0	1617.9	1610.6	1603.2	1551.7	1446.3	1326.2
40°	1821.4	1833.6	1828.7	1823.8	1818.9	1752.8	1738.0	1725.8	1640.0	1541.9	1402.2
42.5°	1912.1	1904.7	1924.3	1931.7	1914.5	1894.9	1836.1	1794.4	1718.4	1640.0	1515.0
45°	2020.0	2015.1	2022.4	2049.4	2024.9	2032.2	1934.2	1904.7	1809.1	1762.6	1657.1
47.5°	2115.6	2127.8	2164.6	2171.9	2152.3	2186.6	2049.4	2002.8	1941.5	1904.7	1804.2
50°	2157.2	2171.9	2255.3	2306.8	2309.2	2363.2	2164.6	2145.0	2061.6	2076.3	1988.1
52.5°	2122.9	2169.5	2270.0	2404.8	2488.2	2542.1	2316.6	2306.8	2230.8	2277.4	2189.1
55°	2154.8	2198.9	2265.1	2453.9	2664.7	2676.9	2527.4	2490.6	2414.6	2478.4	2397.5
57.5°	2169.5	2145.0	2270.0	2507.8	2794.6	2826.5	2728.4	2701.4	2642.6	2703.9	2657.3
60°	2054.3	2083.7	2201.4	2493.1	2802.0	2985.8	2953.9	2914.7	2860.8	2917.2	2890.2
62.5°	1924.3	1944.0	2071.4	2404.8	2843.6	3101.0	3172.1	3142.7	3066.7	3115.7	3162.3
65°	1760.1	1762.6	1904.7	2247.9	2762.7	3167.2	3363.3	3360.9	3306.9	3294.7	3368.2
67.5°	1559.1	1578.7	1691.5	2081.2	2652.4	3240.8	3552.1	3588.9	3481.0	3385.4	3412.3
70°	1196.3	1215.9	1323.8	1706.2	2426.9	3218.7	3785.0	3804.6	3593.8	3351.1	3282.4
72.5°	622.7	627.6	737.9	1029.6	1720.9	2858.3	3870.8	3922.2	3623.2	3250.6	2927.0
75°	205.9	205.9	252.5	392.2	811.4	1828.7	3505.5	3598.7	3478.5	3000.5	2395.0
77.5°	122.6	125.0	149.5	196.1	323.6	730.5	2471.0	2635.3	2846.1	2551.9	1750.3
80°	88.3	90.7	112.8	134.8	193.7	235.3	1240.4	1468.4	1747.8	1642.4	934.0
82.5°	66.2	66.2	88.3	100.5	132.4	139.7	345.6	473.1	755.0	588.3	257.4
85°	68.6	68.6	68.6	71.1	90.7	80.9	144.6	154.4	220.6	193.7	71.1
87.5°	24.5	27.0	68.6	46.6	46.6	34.3	56.4	61.3	78.4	80.9	27.0
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°	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3	794.3
2.5°	796.7	796.7	799.2	799.2	804.1	809.0	816.3	811.4	811.4	813.9	811.4
5°	794.3	796.7	804.1	816.3	821.2	823.7	838.4	838.4	838.4	843.3	843.3
7.5°	804.1	809.0	821.2	833.5	835.9	843.3	862.9	867.8	880.1	885.0	887.4
10°	828.6	835.9	845.7	860.4	870.2	880.1	894.8	911.9	909.5	924.2	926.6
12.5°	865.3	862.9	880.1	894.8	904.6	919.3	924.2	924.2	924.2	924.2	929.1
15°	894.8	899.7	914.4	924.2	936.4	934.0	924.2	914.4	916.8	914.4	914.4
17.5°	938.9	938.9	951.1	953.6	958.5	934.0	919.3	919.3	926.6	926.6	921.7
20°	983.0	980.6	985.5	983.0	951.1	921.7	919.3	921.7	924.2	921.7	919.3
22.5°	1024.7	1019.8	1012.4	1002.6	946.2	919.3	914.4	902.1	889.9	889.9	882.5
25°	1061.5	1056.6	1036.9	1007.5	943.8	904.6	880.1	850.6	835.9	828.6	838.4
27.5°	1095.8	1086.0	1059.0	1007.5	921.7	865.3	818.8	782.0	769.7	759.9	769.7
30°	1142.4	1125.2	1088.4	1000.2	887.4	804.1	740.3	696.2	683.9	669.2	674.1
32.5°	1184.0	1144.8	1112.9	978.1	843.3	735.4	661.9	617.8	595.7	583.4	593.2
35°	1228.2	1188.9	1122.7	943.8	774.6	652.1	578.5	536.9	519.7	502.5	502.5
37.5°	1272.3	1250.2	1137.4	880.1	691.3	573.6	507.4	475.6	446.2	414.3	414.3
40°	1365.4	1336.0	1154.6	806.5	607.9	497.6	451.1	409.4	380.0	335.8	333.4
42.5°	1463.5	1399.7	1154.6	718.3	534.4	443.7	399.6	355.5	301.5	274.6	277.0
45°	1588.5	1515.0	1122.7	639.8	460.9	399.6	350.6	294.2	269.7	252.5	252.5
47.5°	1745.4	1630.2	1083.5	554.0	402.0	360.4	299.1	264.8	247.6	232.9	230.4
50°	1931.7	1735.6	1034.5	480.5	353.0	323.6	272.1	245.1	230.4	220.6	220.6
52.5°	2127.8	1890.0	1000.2	414.3	313.8	274.6	252.5	235.3	223.1	215.7	213.3
55°	2326.4	2044.5	975.7	343.2	277.0	252.5	247.6	232.9	228.0	220.6	215.7
57.5°	2549.5	2171.9	970.8	294.2	247.6	242.7	252.5	240.2	232.9	225.5	218.2
60°	2789.7	2343.5	926.6	254.9	232.9	237.8	245.1	232.9	228.0	220.6	215.7
62.5°	3027.5	2471.0	806.5	225.5	218.2	223.1	232.9	223.1	215.7	218.2	220.6
65°	3125.5	2480.8	625.1	203.5	201.0	203.5	218.2	215.7	208.4	223.1	223.1
67.5°	3027.5	2392.6	441.3	183.9	183.9	196.1	220.6	225.5	218.2	237.8	235.3
70°	2804.4	2174.4	299.1	171.6	176.5	208.4	228.0	223.1	213.3	237.8	232.9
72.5°	2380.3	1740.5	218.2	159.3	166.7	198.6	225.5	220.6	213.3	223.1	213.3
75°	1787.1	1238.0	171.6	144.6	147.1	179.0	232.9	220.6	201.0	196.1	188.8
77.5°	1193.8	764.8	132.4	127.5	127.5	156.9	223.1	205.9	181.4	174.0	171.6
80°	568.7	306.4	105.4	107.9	110.3	134.8	203.5	183.9	164.2	154.4	154.4
82.5°	181.4	115.2	88.3	88.3	88.3	110.3	169.1	154.4	142.2	134.8	122.6
85°	63.7	63.7	76.0	78.4	71.1	80.9	139.7	132.4	117.7	98.1	95.6
87.5°	24.5	36.8	51.5	61.3	44.1	56.4	100.5	93.2	85.8	63.7	61.3
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)