

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: P676415

Luminaire Tested: **CCW-SA-2C-735-U-T3-HSS**

Issue Date: 04/25/2023



Test Information

Test Method: LM-79-08
Report Number: P676415
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-2C-735-U-T3-HSS
Description: INVUE CLEAR CURVE Wall Pack MOUNT Light Square Luminaire @615mA w/
T3 distribution lens and House Side Shield
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

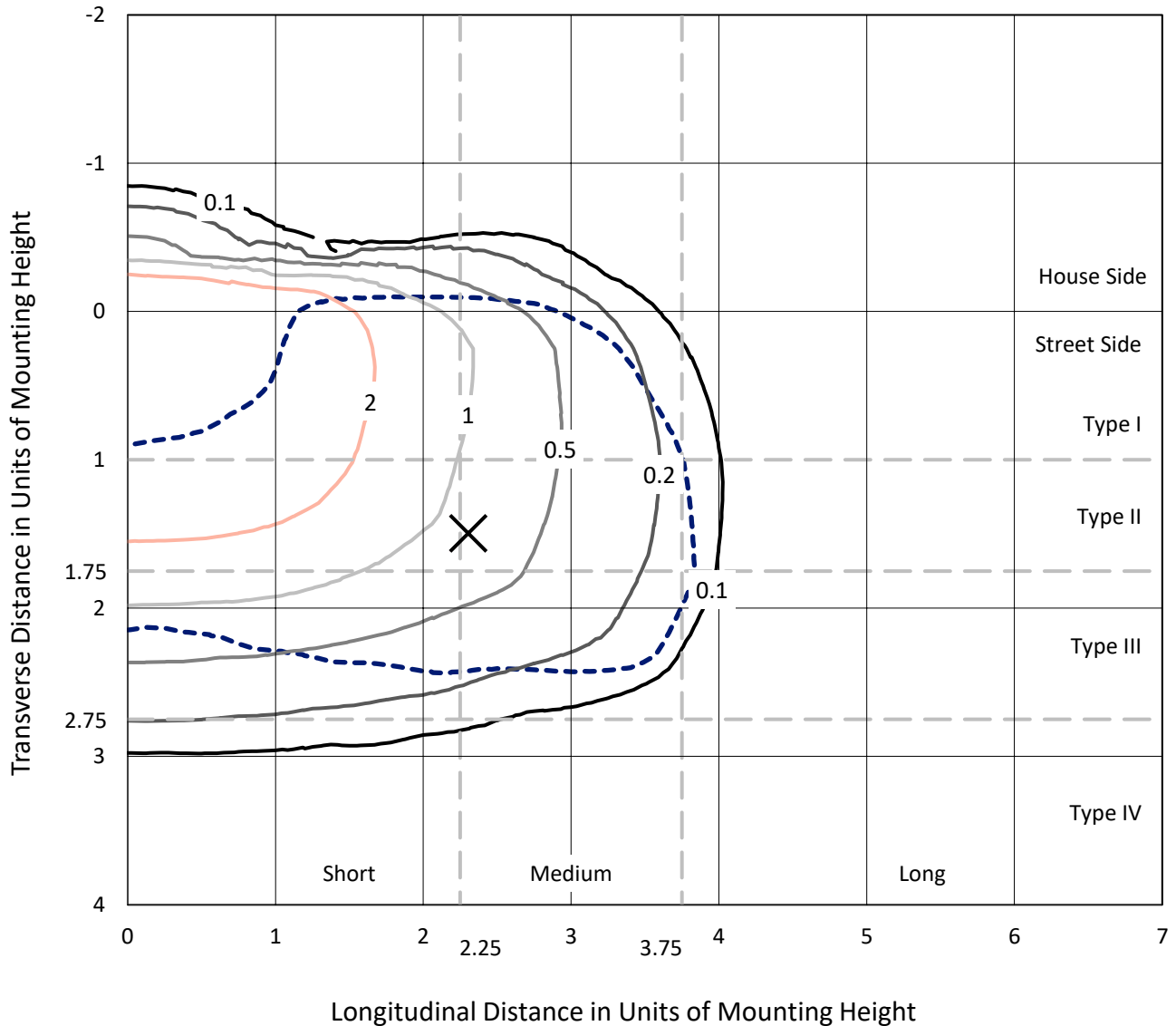
Lumens per Lamp: N/A
Luminaire Lumens: 6424.4 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

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

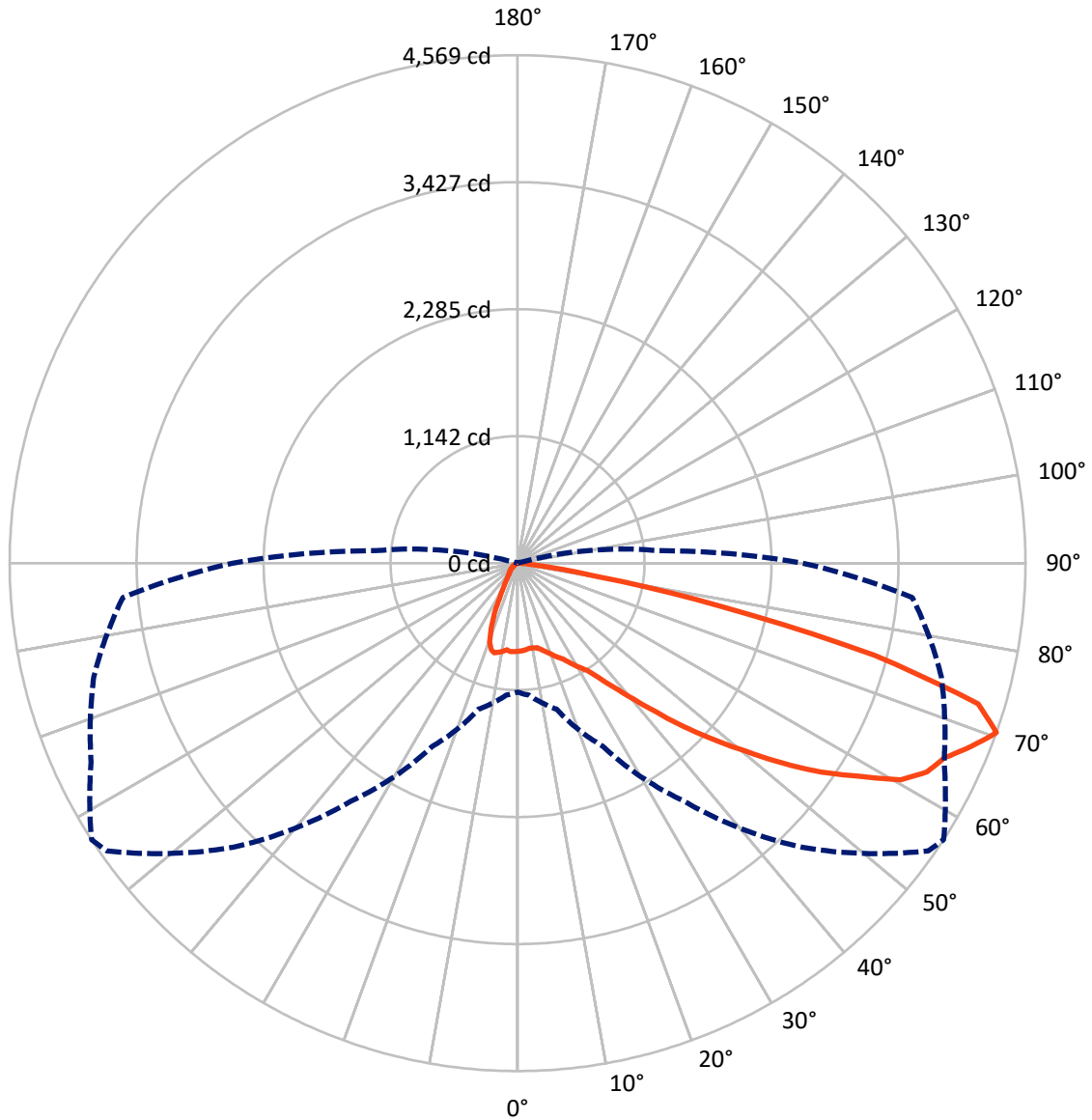
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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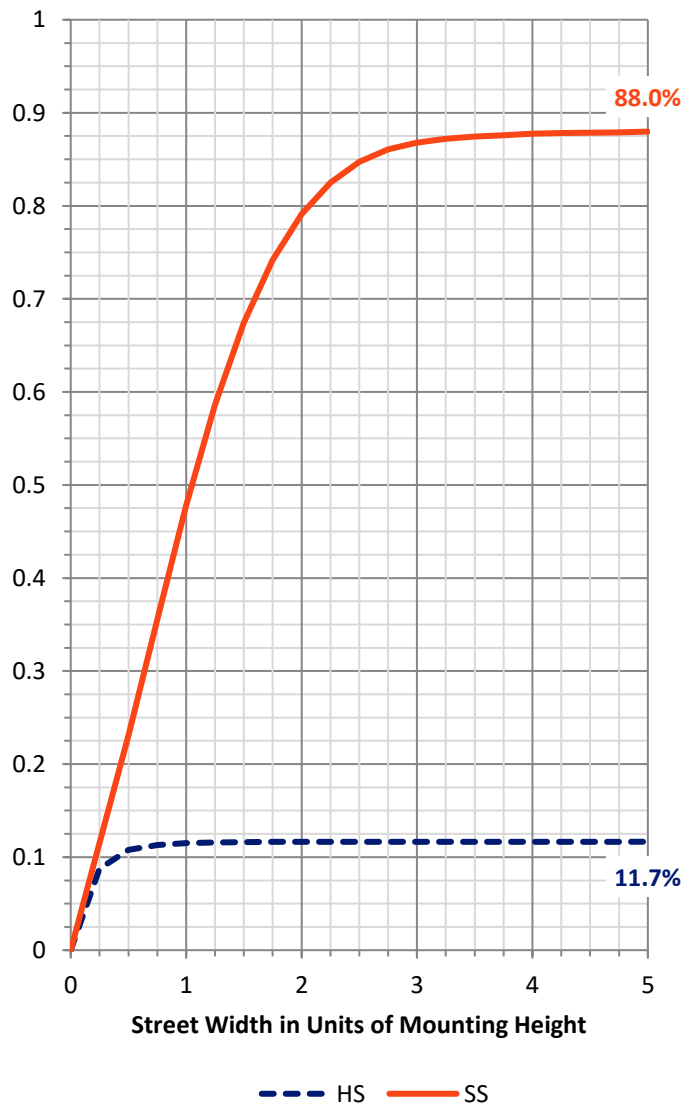
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	757.2	0.0	757.2
	% Fixture	11.8	0.0	11.8
Street Side	Lumens	5667.1	0.0	5667.1
	% Fixture	88.2	0.0	88.2
Total	Lumens	6424.4	0.0	6424.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	1.2
10°-20°	207.1	3.2
20°-30°	348.9	5.4
30°-40°	597.1	9.3
40°-50°	1002.5	15.6
50°-60°	1538.9	24.0
60°-70°	1776.7	27.7
70°-80°	839.3	13.1
80°-90°	39.8	0.6
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°	6424.4	100.0
0°-180°	6424.4	100.0

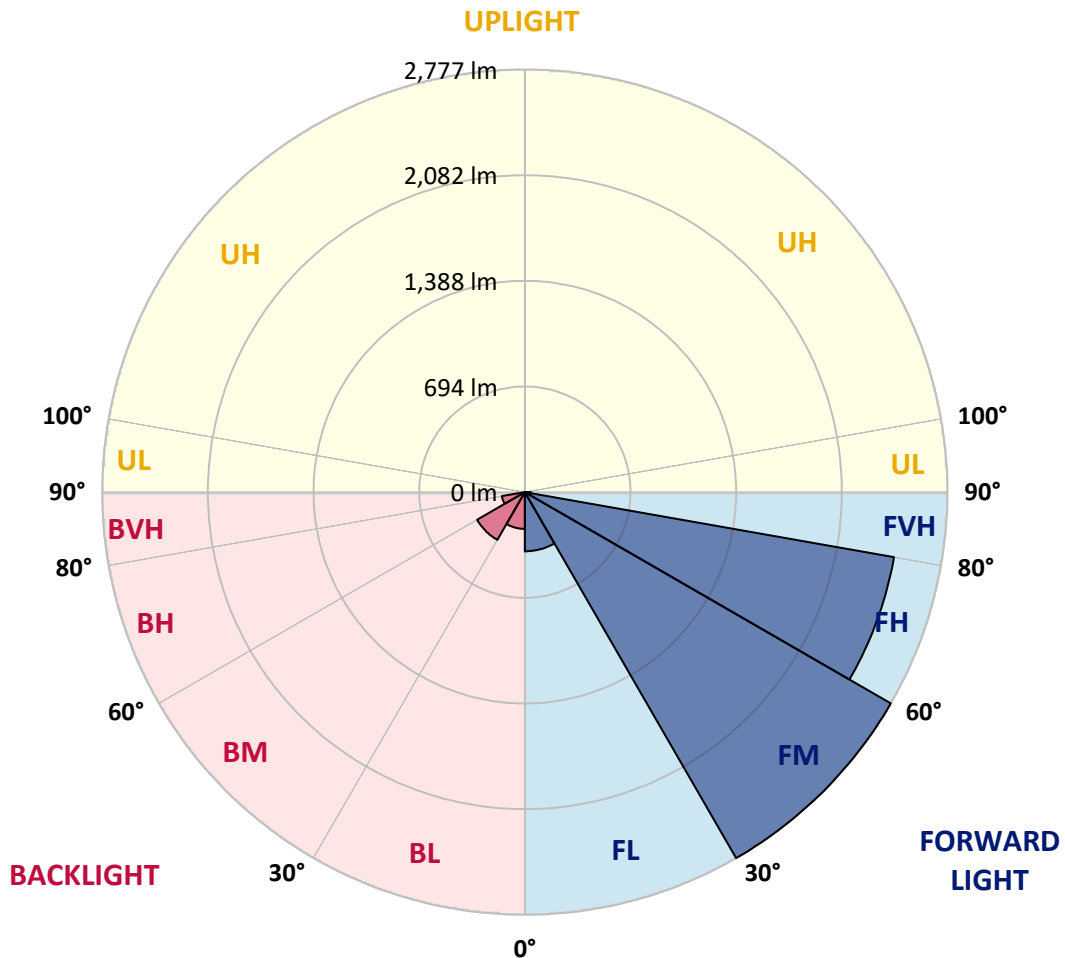


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	388.7	6.0			
FM (30°-60°)	2776.5	43.2			
FH (60°-80°)	2462.8	38.3			G2/5000
FVH (80°-90°)	39.1	0.6			G1/100
BL (0°-30°)	241.4	3.8	B1/500		
BM (30°-60°)	362.0	5.6	B1/1000		
BH (60°-80°)	153.2	2.4	B1/500		G1/500
BVH (80°-90°)	0.7	0.0			G0/10
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°	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7
2.5°	781.2	776.3	781.2	787.8	781.2	786.1	784.5	789.4	782.8	782.8	787.8
5°	730.3	738.5	741.8	750.0	758.2	773.0	782.8	782.8	792.7	797.6	804.2
7.5°	712.3	699.1	712.3	718.8	727.0	751.7	766.4	773.0	786.1	804.2	814.0
10°	686.0	695.9	695.9	717.2	728.7	743.4	769.7	774.6	804.2	822.2	832.1
12.5°	684.4	684.4	692.6	707.3	730.3	758.2	791.0	781.2	812.4	845.2	861.6
15°	689.3	700.8	700.8	720.5	738.5	777.9	805.8	807.5	851.8	884.6	899.4
17.5°	710.6	705.7	712.3	723.8	751.7	789.4	835.4	840.3	891.2	935.5	956.8
20°	754.9	763.1	753.3	746.7	758.2	807.5	866.5	876.4	933.8	976.5	997.8
22.5°	920.7	914.1	874.7	828.8	809.1	832.1	896.1	919.1	986.3	1037.2	1055.3
25°	1107.8	1096.3	1050.3	981.4	891.2	881.3	955.2	955.2	1052.0	1107.8	1102.9
27.5°	1285.0	1281.8	1227.6	1155.4	1027.4	956.8	1002.8	1020.8	1125.8	1171.8	1150.5
30°	1465.6	1468.8	1419.6	1332.6	1198.1	1078.2	1070.0	1084.8	1181.6	1253.9	1209.5
32.5°	1675.6	1646.1	1611.6	1491.8	1368.7	1234.2	1157.0	1150.5	1244.0	1309.7	1250.6
35°	1862.7	1844.7	1806.9	1698.6	1557.5	1396.6	1288.3	1271.9	1322.8	1409.8	1345.8
37.5°	2026.8	2008.8	1959.6	1887.3	1777.4	1598.5	1445.9	1421.3	1442.6	1534.5	1457.4
40°	2168.0	2172.9	2159.8	2089.2	1987.5	1825.0	1649.4	1610.0	1591.9	1674.0	1587.0
42.5°	2269.7	2317.3	2320.6	2233.6	2151.6	2062.9	1866.0	1834.8	1792.2	1861.1	1800.4
45°	2483.1	2456.8	2473.2	2442.1	2351.8	2338.7	2115.5	2097.4	2038.3	2061.3	1997.3
47.5°	2650.5	2645.6	2676.7	2625.9	2601.3	2602.9	2399.4	2368.2	2284.5	2327.2	2255.0
50°	2747.3	2721.1	2834.3	2873.7	2868.8	2888.5	2686.6	2660.3	2579.9	2642.3	2488.0
52.5°	2770.3	2817.9	2924.6	3067.3	3128.1	3169.1	3000.1	2990.2	2903.2	2942.6	2729.3
55°	2827.7	2873.7	2936.1	3170.7	3395.6	3405.4	3308.6	3318.4	3241.3	3231.5	2959.0
57.5°	2826.1	2816.2	2988.6	3261.0	3572.8	3714.0	3661.4	3613.9	3530.2	3433.3	3106.7
60°	2722.7	2717.8	2896.7	3272.5	3669.7	3993.0	4014.3	3958.5	3748.4	3605.6	3280.7
62.5°	2517.6	2537.2	2717.8	3174.0	3761.6	4093.1	4171.9	4134.1	3873.2	3720.5	3485.8
65°	2282.9	2241.8	2451.9	2927.8	3554.8	4063.5	4234.2	4221.1	4020.9	3845.3	3674.6
67.5°	1831.5	1849.6	2010.4	2519.2	3201.9	3955.2	4380.3	4400.0	4139.0	3955.2	3732.0
70°	1160.3	1193.1	1360.5	1820.1	2614.4	3613.9	4511.6	4569.0	4232.6	3945.4	3564.6
72.5°	338.1	351.2	579.3	907.6	1665.8	2898.3	4301.5	4331.0	4050.4	3581.0	2757.2
75°	111.6	118.2	170.7	295.4	653.2	1498.4	3177.3	3316.8	3223.3	2596.3	1577.2
77.5°	73.9	77.1	93.5	141.1	247.8	469.4	1703.5	1852.9	1816.8	1216.1	508.8
80°	54.2	55.8	68.9	95.2	151.0	169.0	628.6	727.0	702.4	279.0	101.8
82.5°	34.5	34.5	50.9	67.3	95.2	83.7	182.2	201.9	196.9	106.7	39.4
85°	23.0	24.6	37.7	52.5	52.5	39.4	52.5	60.7	65.6	57.4	18.1
87.5°	6.6	8.2	21.3	36.1	21.3	19.7	18.1	19.7	23.0	31.2	9.8
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°	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7
2.5°	792.7	799.2	797.6	800.9	796.0	791.0	796.0	796.0	796.0	791.0	787.8
5°	799.2	796.0	799.2	792.7	799.2	792.7	789.4	779.6	777.9	777.9	784.5
7.5°	809.1	812.4	797.6	797.6	782.8	786.1	777.9	779.6	776.3	771.3	768.1
10°	823.9	837.0	822.2	817.3	800.9	787.8	768.1	758.2	758.2	751.7	758.2
12.5°	864.9	860.0	851.8	835.4	815.7	789.4	741.8	694.2	654.8	625.3	640.1
15°	897.7	896.1	884.6	853.4	827.1	746.7	626.9	503.8	438.2	408.7	403.7
17.5°	948.6	943.7	924.0	882.9	796.0	618.7	430.0	326.6	262.6	247.8	242.9
20°	996.2	994.5	951.9	899.4	717.2	451.3	280.6	215.0	196.9	198.6	195.3
22.5°	1047.1	1038.9	988.0	879.7	571.1	300.3	200.2	192.0	185.5	183.8	187.1
25°	1104.5	1075.0	1024.1	835.4	420.1	206.8	188.7	182.2	175.6	174.0	174.0
27.5°	1127.5	1107.8	1040.5	728.7	265.9	180.5	177.2	169.0	160.8	155.9	154.3
30°	1180.0	1147.2	1056.9	572.8	188.7	165.8	160.8	151.0	139.5	131.3	131.3
32.5°	1232.5	1193.1	1058.6	400.4	157.6	149.3	141.1	128.0	113.2	105.0	106.7
35°	1298.2	1244.0	1040.5	259.3	141.1	131.3	114.9	100.1	87.0	80.4	80.4
37.5°	1409.8	1358.9	966.6	170.7	128.0	111.6	95.2	78.8	67.3	62.4	62.4
40°	1550.9	1485.3	864.9	134.6	113.2	95.2	75.5	60.7	54.2	49.2	49.2
42.5°	1719.9	1637.9	713.9	119.8	100.1	78.8	59.1	47.6	41.0	41.0	39.4
45°	1889.0	1754.4	559.6	110.0	88.6	65.6	46.0	37.7	34.5	32.8	32.8
47.5°	2130.2	1895.6	400.4	100.1	77.1	50.9	37.7	31.2	27.9	26.3	27.9
50°	2361.6	2028.5	283.9	90.3	64.0	41.0	31.2	27.9	24.6	23.0	23.0
52.5°	2565.1	2120.4	198.6	78.8	54.2	34.5	27.9	24.6	23.0	21.3	21.3
55°	2676.7	2089.2	136.2	67.3	44.3	29.5	24.6	21.3	19.7	18.1	18.1
57.5°	2791.6	2002.2	103.4	55.8	36.1	27.9	23.0	19.7	18.1	16.4	16.4
60°	2888.5	1938.2	80.4	44.3	29.5	23.0	19.7	16.4	14.8	13.1	11.5
62.5°	2893.4	1810.2	59.1	32.8	23.0	19.7	16.4	13.1	8.2	6.6	4.9
65°	2913.1	1675.6	42.7	24.6	16.4	14.8	11.5	6.6	3.3	0.0	0.0
67.5°	2844.1	1516.4	34.5	18.1	11.5	8.2	4.9	1.6	0.0	0.0	0.0
70°	2563.5	1280.1	26.3	13.1	8.2	4.9	1.6	0.0	0.0	0.0	0.0
72.5°	1834.8	832.1	18.1	9.8	3.3	1.6	0.0	0.0	0.0	0.0	0.0
75°	978.1	354.5	13.1	6.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	306.9	90.3	8.2	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	67.3	24.6	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	23.0	9.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.2	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)