

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: P675269

Luminaire Tested: **CCW-SA-1D-740-U-T4W**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P675269
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1D-740-U-T4W
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @800mA w/
T4W distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5626.1 lumens
Efficiency: N/A
Efficacy: 127.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

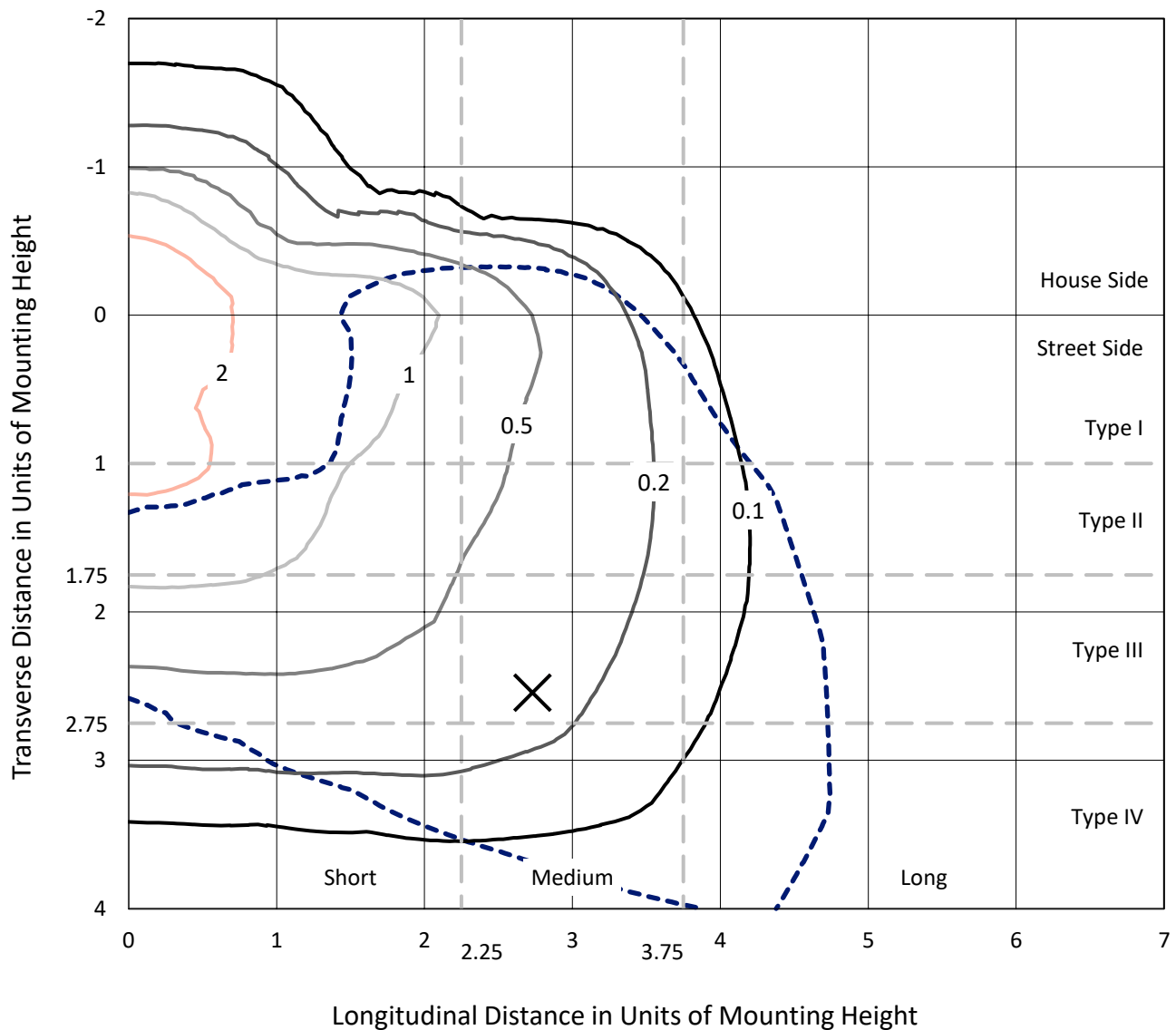
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P675269

CATALOG NUMBER: CCW-SA-1D-740-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

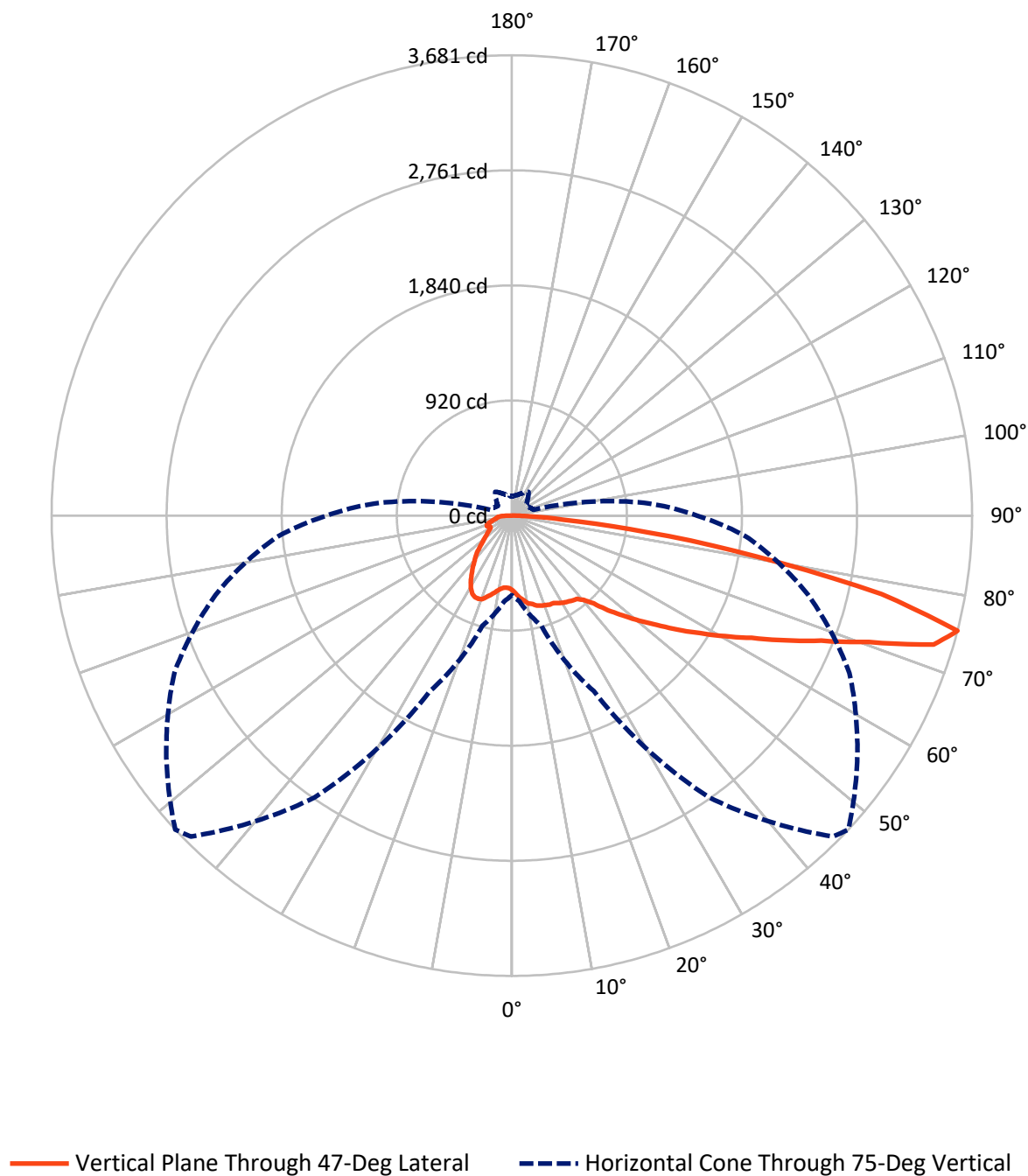


Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Medium - N/A

REPORT NUMBER: P675269

CATALOG NUMBER: CCW-SA-1D-740-U-T4W

Luminous Intensity Polar Plot



REPORT NUMBER: P675269

CATALOG NUMBER: CCW-SA-1D-740-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1345.5	0.0	1345.5
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	4280.6	0.0	4280.6
	% Fixture	76.1	0.0	76.1
Total	Lumens	5626.1	0.0	5626.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.4	1.1
10°-20°	200.5	3.6
20°-30°	343.5	6.1
30°-40°	480.6	8.5
40°-50°	670.1	11.9
50°-60°	1001.7	17.8
60°-70°	1444.1	25.7
70°-80°	1229.3	21.8
80°-90°	195.8	3.5
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°	5626.1	100.0
0°-180°	5626.1	100.0



REPORT NUMBER: P675269

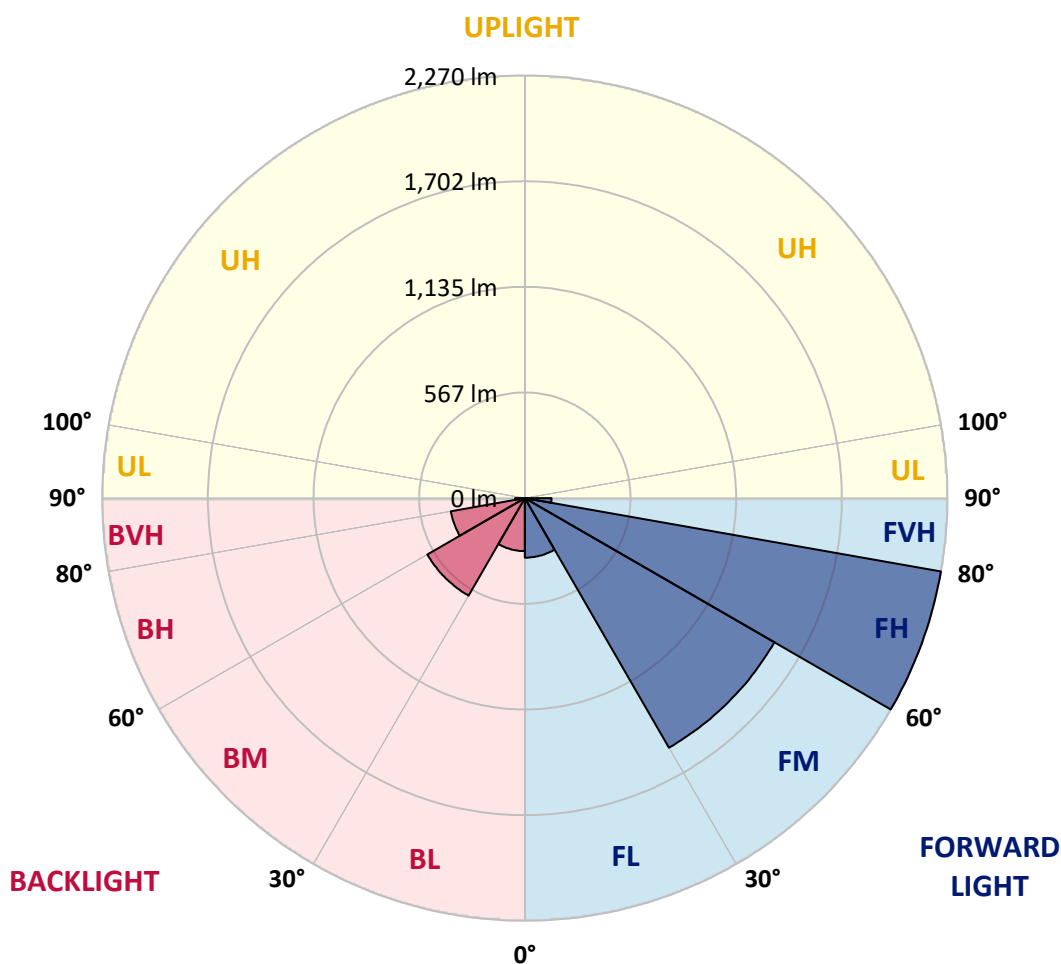
CATALOG NUMBER: CCW-SA-1D-740-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	319.7	5.7			
FM	(30°-60°)	1547.7	27.5			
FH	(60°-80°)	2269.8	40.3			G2/5000
FVH	(80°-90°)	143.5	2.6			G2/225
BL	(0°-30°)	284.8	5.1	B1/500		
BM	(30°-60°)	604.7	10.7	B1/1000		
BH	(60°-80°)	403.6	7.2	B1/500		G1/500
BVH	(80°-90°)	52.3	0.9			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 IV Medium





REPORT NUMBER: P675269

CATALOG NUMBER: CCW-SA-1D-740-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4
2.5°	640.5	642.5	642.5	638.4	634.3	626.1	626.1	617.9	613.8	603.5	599.4
5°	700.0	693.9	687.7	685.6	675.4	661.0	659.0	650.7	628.2	617.9	603.5
7.5°	743.1	741.1	739.0	730.8	712.3	689.8	683.6	671.3	648.7	628.2	611.7
10°	778.0	786.2	778.0	759.5	741.1	716.4	714.4	691.8	671.3	646.6	626.1
12.5°	817.0	819.1	804.7	782.1	753.4	732.9	724.6	716.4	693.9	673.3	642.5
15°	843.7	839.6	829.3	798.6	765.7	745.2	747.2	737.0	712.3	698.0	665.1
17.5°	843.7	843.7	827.3	804.7	776.0	757.5	757.5	751.3	734.9	714.4	691.8
20°	827.3	827.3	817.0	804.7	771.9	767.8	763.7	759.5	759.5	741.1	708.2
22.5°	806.8	802.7	806.8	786.2	763.7	767.8	773.9	771.9	765.7	749.3	726.7
25°	786.2	788.3	792.4	778.0	757.5	776.0	773.9	784.2	780.1	767.8	749.3
27.5°	784.2	788.3	790.3	776.0	767.8	784.2	792.4	802.7	804.7	792.4	769.8
30°	815.0	812.9	810.9	792.4	786.2	800.6	808.8	823.2	835.5	808.8	790.3
32.5°	895.0	882.7	870.4	821.1	802.7	812.9	821.1	841.7	843.7	829.3	802.7
35°	1022.3	1014.1	973.0	886.8	835.5	825.2	833.4	847.8	851.9	841.7	821.1
37.5°	1168.1	1164.0	1106.5	1001.8	903.2	854.0	845.8	866.3	882.7	860.1	831.4
40°	1311.8	1295.3	1254.3	1151.6	989.5	897.1	886.8	897.1	903.2	886.8	868.3
42.5°	1441.1	1422.6	1412.3	1309.7	1102.4	968.9	960.7	936.1	954.6	934.0	909.4
45°	1549.9	1545.8	1541.7	1453.4	1231.7	1085.9	1079.8	1016.1	1036.7	1020.3	985.4
47.5°	1627.9	1646.4	1640.2	1590.9	1379.5	1211.2	1192.7	1110.6	1141.4	1124.9	1090.1
50°	1720.3	1730.5	1724.4	1691.5	1517.0	1354.9	1320.0	1235.8	1270.7	1268.6	1250.2
52.5°	1802.4	1833.2	1798.3	1796.2	1714.1	1510.9	1451.3	1371.3	1428.8	1451.3	1449.3
55°	1898.9	1923.5	1913.2	1909.1	1890.7	1662.8	1609.4	1512.9	1609.4	1642.3	1671.0
57.5°	1981.0	1978.9	2017.9	2065.1	2087.7	1837.3	1773.6	1660.7	1806.5	1843.4	1923.5
60°	2017.9	2052.8	2118.5	2237.6	2301.2	2024.1	1958.4	1868.1	2005.6	2034.4	2182.2
62.5°	2042.6	2073.4	2200.6	2401.8	2438.8	2215.0	2153.4	2063.1	2223.2	2243.7	2463.4
65°	1974.8	2003.6	2256.1	2463.4	2594.8	2420.3	2405.9	2311.5	2440.8	2453.1	2759.0
67.5°	1896.8	1927.6	2208.8	2541.4	2802.1	2693.3	2670.7	2557.8	2656.4	2642.0	2984.8
70°	1759.3	1800.3	2087.7	2609.1	3032.0	3075.1	3030.0	2869.9	2880.1	2744.6	2995.1
72.5°	1340.5	1367.2	1634.1	2340.2	3138.8	3604.8	3526.8	3206.5	3089.5	2765.2	2644.0
75°	636.4	685.6	911.5	1547.8	2750.8	3629.4	3680.7	3372.8	2978.7	2453.1	1874.2
77.5°	184.8	184.8	277.1	656.9	1724.4	2925.3	3021.8	2863.7	2457.2	1816.8	985.4
80°	100.6	106.7	145.8	232.0	757.5	1845.5	1985.1	1898.9	1447.2	718.5	254.6
82.5°	57.5	59.5	96.5	139.6	344.9	1003.8	1085.9	985.4	550.2	217.6	119.1
85°	32.8	34.9	55.4	92.4	205.3	369.5	402.4	349.0	221.7	145.8	59.5
87.5°	16.4	16.4	26.7	43.1	104.7	104.7	102.6	125.2	133.4	88.3	26.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P675269

CATALOG NUMBER: CCW-SA-1D-740-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4	597.4
2.5°	597.4	595.3	595.3	587.1	585.1	578.9	578.9	574.8	572.7	578.9	578.9
5°	599.4	589.2	587.1	578.9	581.0	576.8	585.1	581.0	578.9	578.9	576.8
7.5°	603.5	593.3	585.1	578.9	576.8	583.0	593.3	593.3	605.6	599.4	599.4
10°	613.8	607.6	597.4	593.3	593.3	599.4	611.7	620.0	630.2	630.2	624.1
12.5°	638.4	628.2	615.8	609.7	617.9	624.1	636.4	644.6	656.9	661.0	656.9
15°	656.9	646.6	642.5	638.4	644.6	652.8	663.1	671.3	685.6	689.8	687.7
17.5°	681.5	669.2	667.2	669.2	673.3	679.5	685.6	691.8	702.1	702.1	702.1
20°	693.9	689.8	687.7	693.9	702.1	710.3	706.2	702.1	700.0	704.1	702.1
22.5°	716.4	712.3	714.4	720.5	720.5	716.4	710.3	695.9	691.8	695.9	691.8
25°	737.0	732.9	732.9	728.8	726.7	712.3	700.0	687.7	673.3	679.5	677.4
27.5°	757.5	755.4	755.4	739.0	718.5	693.9	677.4	663.1	654.9	665.1	659.0
30°	782.1	784.2	773.9	734.9	685.6	659.0	640.5	638.4	636.4	642.5	640.5
32.5°	804.7	806.8	790.3	728.8	661.0	609.7	591.2	593.3	603.5	613.8	624.1
35°	817.0	827.3	806.8	708.2	611.7	554.3	533.7	552.2	570.7	585.1	595.3
37.5°	839.6	866.3	831.4	685.6	568.6	505.0	490.6	496.8	519.4	541.9	552.2
40°	872.5	903.2	837.6	642.5	511.2	455.7	447.5	449.6	457.8	472.2	482.4
42.5°	929.9	962.8	843.7	587.1	453.7	424.9	402.4	396.2	390.0	390.0	388.0
45°	1014.1	1044.9	835.5	517.3	396.2	375.7	359.2	344.9	328.5	301.8	305.9
47.5°	1137.3	1161.9	841.7	455.7	342.8	326.4	314.1	297.7	273.0	244.3	242.2
50°	1324.1	1287.1	833.4	392.1	303.8	289.4	279.2	256.6	227.9	207.3	205.3
52.5°	1541.7	1467.8	825.2	338.7	271.0	258.7	250.4	225.8	199.1	188.9	186.8
55°	1804.4	1697.7	837.6	291.5	246.3	236.1	227.9	205.3	184.8	176.5	174.5
57.5°	2114.4	1946.1	905.3	254.6	219.7	215.5	213.5	195.0	176.5	170.4	168.3
60°	2405.9	2184.2	950.5	227.9	195.0	199.1	203.2	195.0	174.5	170.4	170.4
62.5°	2650.2	2381.3	878.6	205.3	182.7	195.0	213.5	207.3	199.1	203.2	199.1
65°	2865.7	2449.0	656.9	193.0	176.5	205.3	236.1	234.0	215.5	219.7	217.6
67.5°	2902.7	2366.9	429.0	182.7	172.4	225.8	264.8	240.2	203.2	203.2	197.1
70°	2748.7	2147.3	287.4	172.4	170.4	225.8	271.0	225.8	190.9	190.9	182.7
72.5°	2256.1	1716.2	221.7	162.2	156.0	201.2	256.6	213.5	178.6	174.5	160.1
75°	1482.1	1106.5	180.6	154.0	135.5	176.5	232.0	197.1	170.4	158.1	151.9
77.5°	726.7	496.8	151.9	135.5	117.0	154.0	211.4	186.8	160.1	147.8	143.7
80°	199.1	178.6	127.3	119.1	98.5	133.4	199.1	178.6	149.9	137.5	131.4
82.5°	112.9	110.9	102.6	96.5	82.1	133.4	201.2	178.6	141.6	139.6	119.1
85°	61.6	65.7	73.9	71.8	63.6	119.1	190.9	156.0	115.0	96.5	96.5
87.5°	24.6	30.8	37.0	41.1	43.1	88.3	143.7	119.1	88.3	73.9	73.9
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)