

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: P674941

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

Issue Date: 04/25/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P674941  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 04/25/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCW-SA-2B-722-U-T3  
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @450mA w/  
T3 distribution lens  
Light Source: (32) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

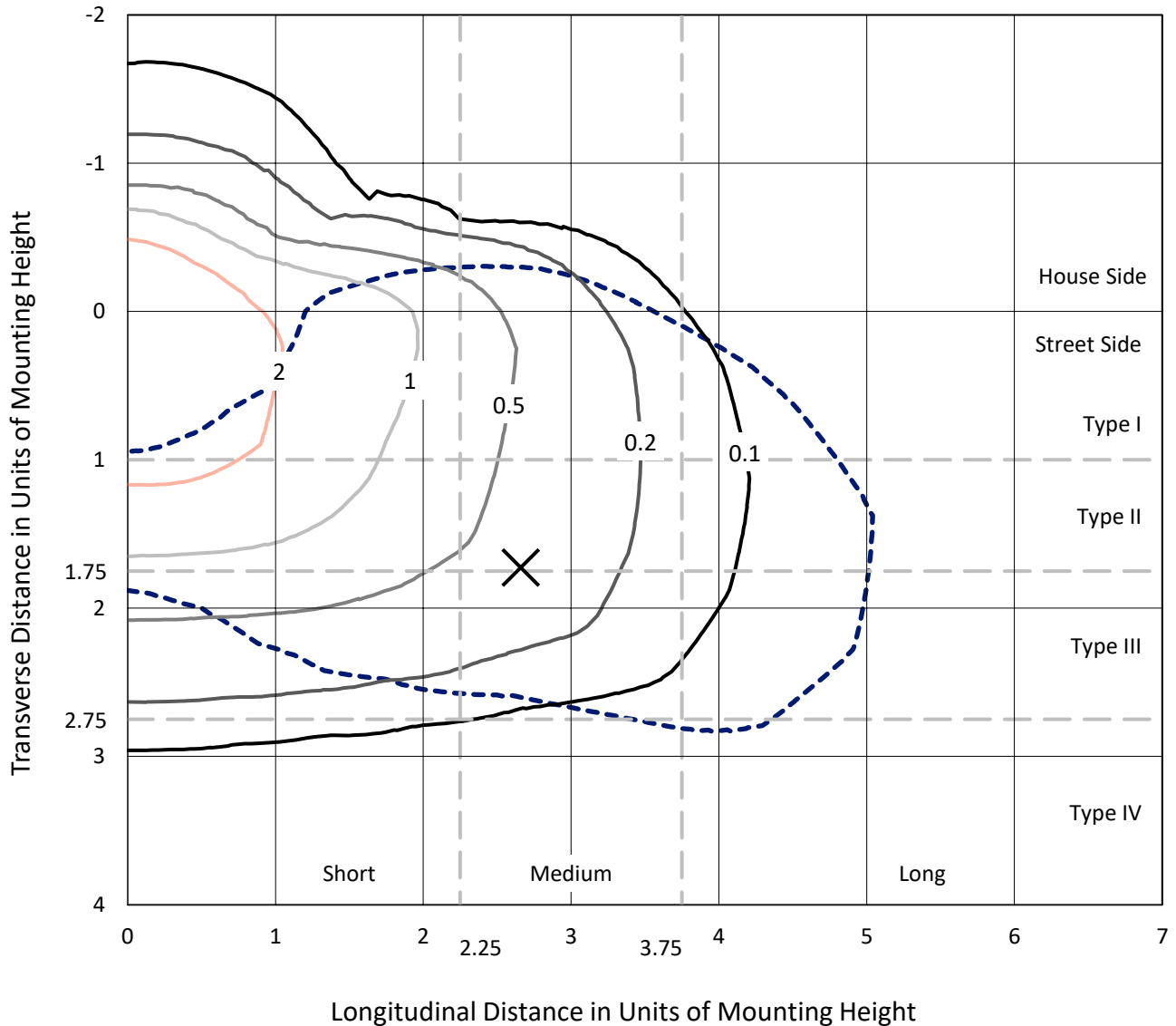
Lumens per Lamp: N/A  
Luminaire Lumens: 5139.9 lumens  
Efficiency: N/A  
Efficacy: 111.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G1

Input Watts (W): 46  
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: P674941  
 CATALOG NUMBER: CCW-SA-2B-722-U-T3

### Iso-Footcandle Lines of Horizontal Illumination

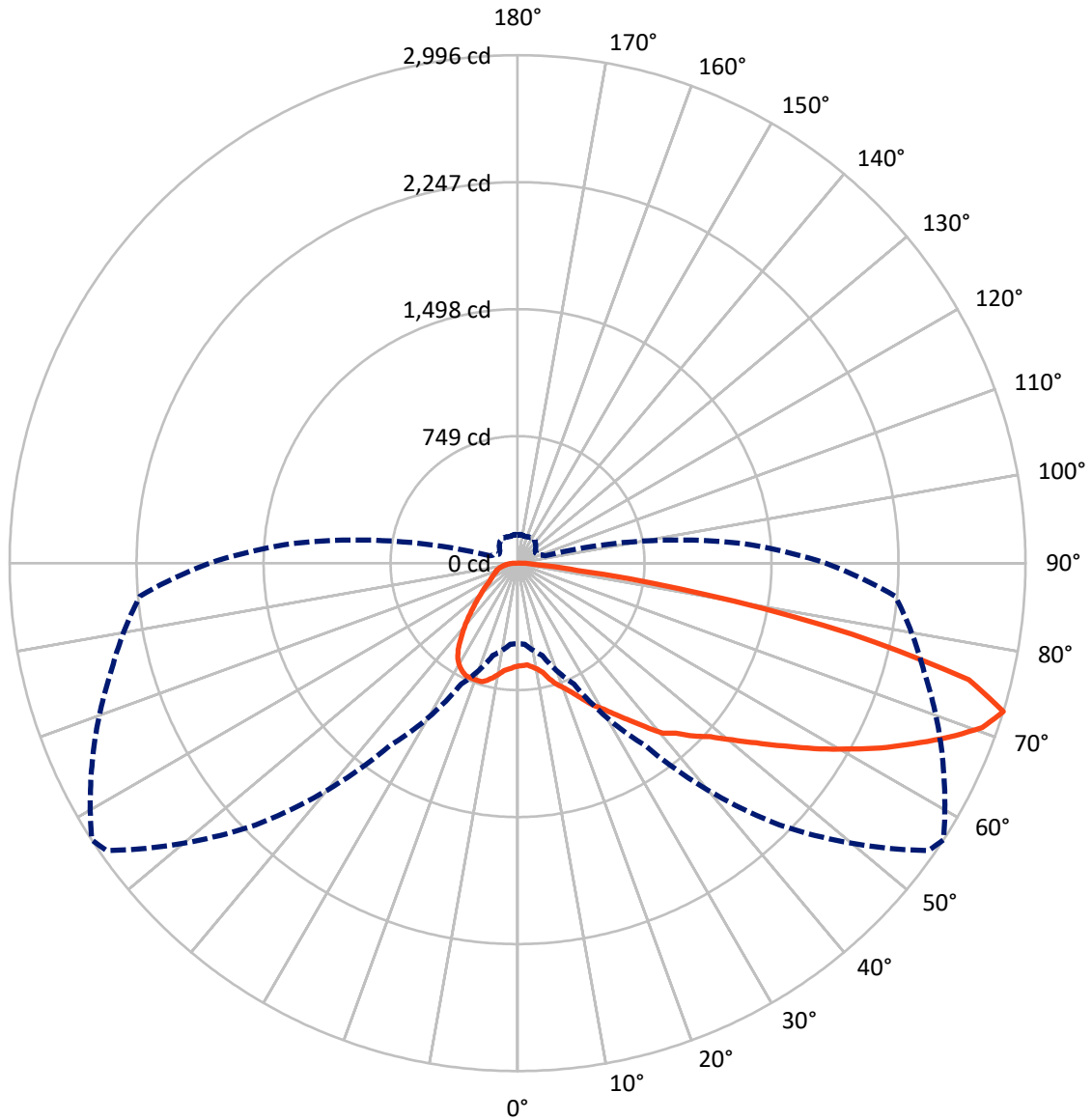
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 fc  
 Type III - Medium - N/A

REPORT NUMBER: P674941  
CATALOG NUMBER: CCW-SA-2B-722-U-T3

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P674941

CATALOG NUMBER: CCW-SA-2B-722-U-T3

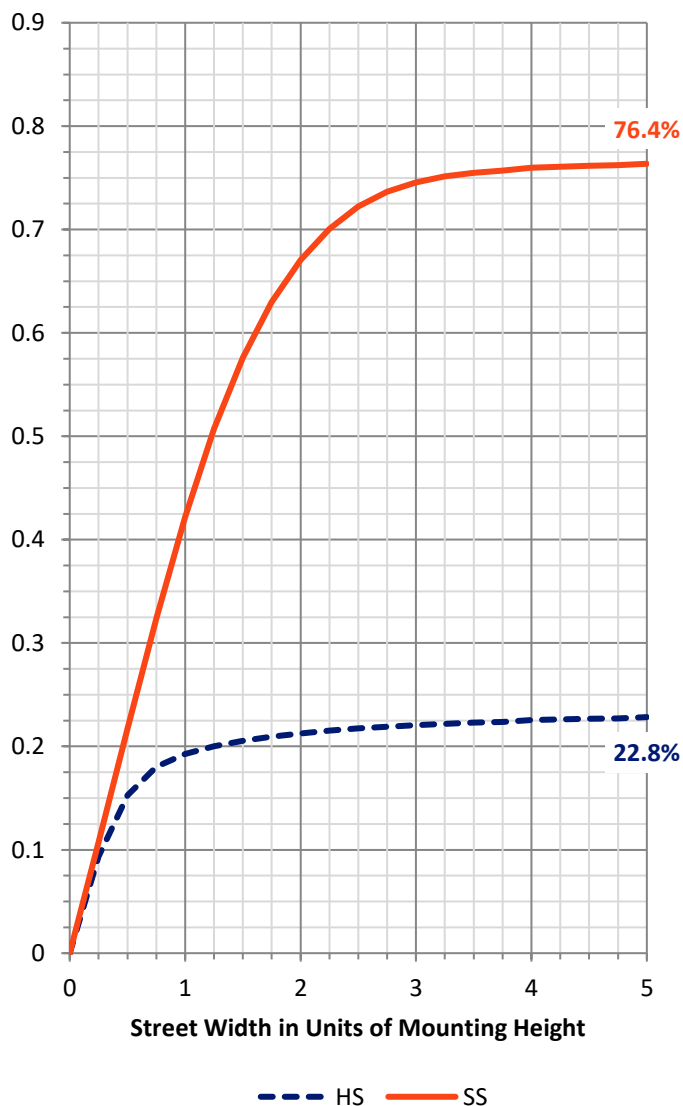
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1200.4	0.0	1200.4
	% Fixture	23.4	0.0	23.4
<b>Street Side</b>	Lumens	3939.6	0.0	3939.6
	% Fixture	76.6	0.0	76.6
<b>Total</b>	Lumens	5139.9	0.0	5139.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.2	1.2
10°-20°	203.0	3.9
20°-30°	371.0	7.2
30°-40°	544.3	10.6
40°-50°	749.4	14.6
50°-60°	1027.7	20.0
60°-70°	1238.8	24.1
70°-80°	825.2	16.1
80°-90°	120.2	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°	5139.9	100.0
0°-180°	5139.9	100.0



REPORT NUMBER: P674941

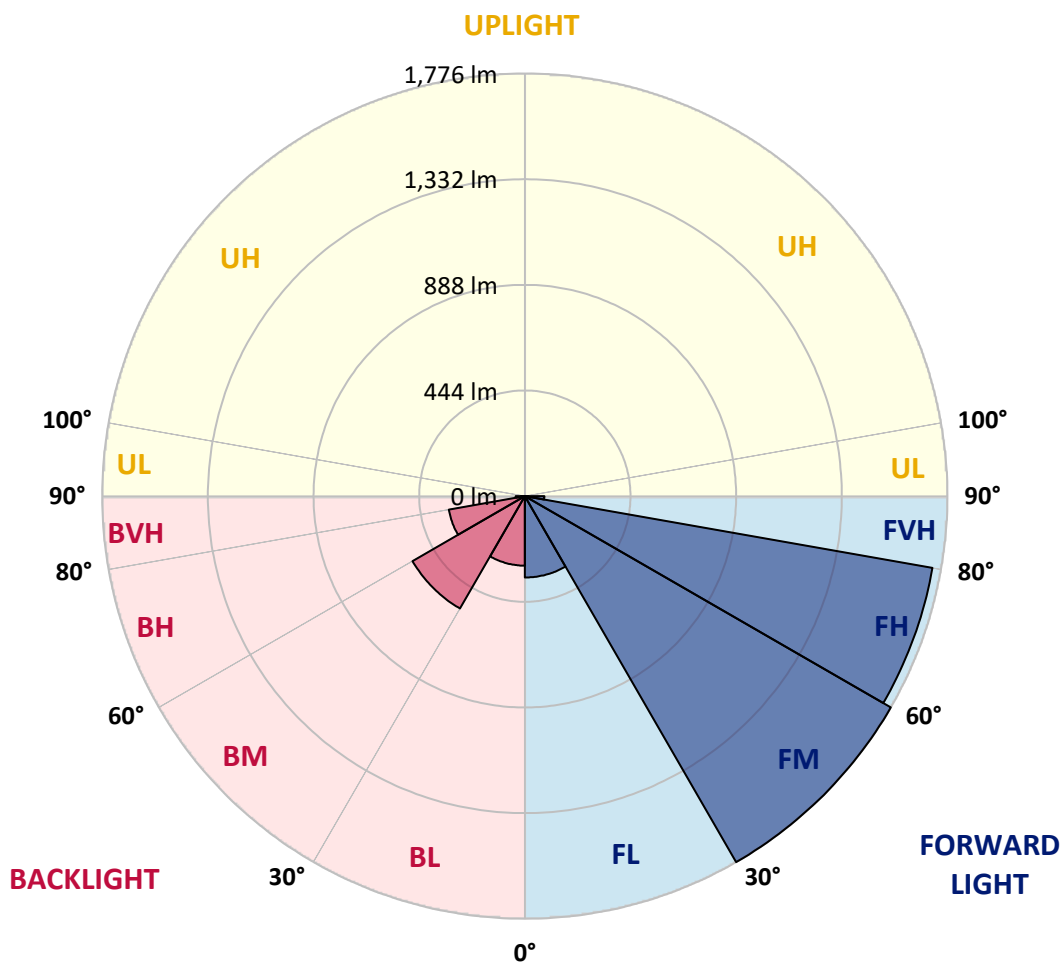
CATALOG NUMBER: CCW-SA-2B-722-U-T3

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	341.9	6.7			
FM (30°-60°)	1776.3	34.6			
FH (60°-80°)	1739.5	33.8			G1/1800
FVH (80°-90°)	81.8	1.6			G1/100
BL (0°-30°)	292.2	5.7	B1/500		
BM (30°-60°)	545.2	10.6	B1/1000		
BH (60°-80°)	324.5	6.3	B1/500		G1/500
BVH (80°-90°)	38.4	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-G1**

Type III Medium





REPORT NUMBER: P674941

CATALOG NUMBER: CCW-SA-2B-722-U-T3

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7
2.5°	595.4	597.3	601.1	599.2	599.2	593.6	602.9	604.8	601.1	602.9	606.7
5°	595.4	599.2	604.8	601.1	602.9	601.1	597.3	602.9	602.9	604.8	610.4
7.5°	627.3	625.4	625.4	619.8	617.9	616.0	617.9	617.9	614.2	616.0	616.0
10°	662.9	662.9	659.1	659.1	655.4	646.0	636.6	634.8	629.1	631.0	631.0
12.5°	700.3	704.0	707.8	696.6	692.8	677.8	672.2	661.0	661.0	657.2	655.4
15°	747.1	741.5	745.2	741.5	732.1	717.2	707.8	709.7	696.6	692.8	687.2
17.5°	788.3	790.2	784.6	780.8	764.0	752.7	754.6	752.7	735.9	730.3	720.9
20°	837.0	835.1	835.1	823.9	808.9	793.9	788.3	786.4	790.2	778.9	756.5
22.5°	887.5	880.1	880.1	870.7	850.1	840.7	837.0	829.5	833.2	823.9	790.2
25°	928.7	928.7	941.8	923.1	911.9	893.2	885.7	887.5	889.4	870.7	831.4
27.5°	983.0	973.7	986.8	977.4	971.8	951.2	941.8	947.5	943.7	923.1	868.8
30°	1052.3	1054.2	1046.7	1033.6	1026.1	1011.1	1005.5	999.9	1005.5	979.3	910.0
32.5°	1138.5	1144.1	1125.3	1110.4	1097.3	1082.3	1071.0	1065.4	1071.0	1031.7	941.8
35°	1237.7	1243.3	1228.3	1211.5	1196.5	1159.1	1149.7	1140.3	1119.7	1056.1	971.8
37.5°	1329.4	1322.0	1318.2	1318.2	1290.1	1235.8	1230.2	1224.6	1185.3	1104.8	1013.0
40°	1391.2	1400.6	1396.9	1393.1	1389.4	1338.8	1327.6	1318.2	1252.7	1177.8	1071.0
42.5°	1460.5	1454.9	1469.9	1475.5	1462.4	1447.4	1402.5	1370.6	1312.6	1252.7	1157.2
45°	1542.9	1539.2	1544.8	1565.4	1546.7	1552.3	1477.4	1454.9	1381.9	1346.3	1265.8
47.5°	1615.9	1625.3	1653.4	1659.0	1644.0	1670.2	1565.4	1529.8	1483.0	1454.9	1378.1
50°	1647.8	1659.0	1722.7	1762.0	1763.9	1805.0	1653.4	1638.4	1574.7	1586.0	1518.6
52.5°	1621.5	1657.1	1733.9	1836.9	1900.5	1941.7	1769.5	1762.0	1703.9	1739.5	1672.1
55°	1645.9	1679.6	1730.2	1874.3	2035.4	2044.7	1930.5	1902.4	1844.4	1893.1	1831.3
57.5°	1657.1	1638.4	1733.9	1915.5	2134.6	2158.9	2084.0	2063.4	2018.5	2065.3	2029.7
60°	1569.1	1591.6	1681.5	1904.3	2140.2	2280.7	2256.3	2226.4	2185.2	2228.2	2207.6
62.5°	1469.9	1484.9	1582.2	1836.9	2172.1	2368.7	2423.0	2400.5	2342.4	2379.9	2415.5
65°	1344.4	1346.3	1454.9	1717.0	2110.3	2419.2	2569.0	2567.1	2525.9	2516.6	2572.8
67.5°	1190.9	1205.9	1292.0	1589.7	2026.0	2475.4	2713.2	2741.3	2658.9	2585.9	2606.5
70°	913.8	928.7	1011.1	1303.2	1853.7	2458.5	2891.1	2906.1	2745.0	2559.7	2507.2
72.5°	475.6	479.3	563.6	786.4	1314.5	2183.3	2956.6	2995.9	2767.5	2482.9	2235.7
75°	157.3	157.3	192.9	299.6	619.8	1396.9	2677.6	2748.8	2657.0	2291.9	1829.4
77.5°	93.6	95.5	114.2	149.8	247.2	558.0	1887.4	2012.9	2173.9	1949.2	1336.9
80°	67.4	69.3	86.1	103.0	147.9	179.8	947.5	1121.6	1335.1	1254.5	713.4
82.5°	50.6	50.6	67.4	76.8	101.1	106.7	264.0	361.4	576.7	449.4	196.6
85°	52.4	52.4	52.4	54.3	69.3	61.8	110.5	118.0	168.5	147.9	54.3
87.5°	18.7	20.6	52.4	35.6	35.6	26.2	43.1	46.8	59.9	61.8	20.6
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: P674941  
 CATALOG NUMBER: CCW-SA-2B-722-U-T3

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7	606.7
2.5°	608.5	608.5	610.4	610.4	614.2	617.9	623.5	619.8	619.8	621.7	619.8
5°	606.7	608.5	614.2	623.5	627.3	629.1	640.4	640.4	640.4	644.1	644.1
7.5°	614.2	617.9	627.3	636.6	638.5	644.1	659.1	662.9	672.2	676.0	677.8
10°	632.9	638.5	646.0	657.2	664.7	672.2	683.4	696.6	694.7	705.9	707.8
12.5°	661.0	659.1	672.2	683.4	690.9	702.2	705.9	705.9	705.9	705.9	709.7
15°	683.4	687.2	698.4	705.9	715.3	713.4	705.9	698.4	700.3	698.4	698.4
17.5°	717.2	717.2	726.5	728.4	732.1	713.4	702.2	702.2	707.8	707.8	704.0
20°	750.9	749.0	752.7	750.9	726.5	704.0	702.2	704.0	705.9	704.0	702.2
22.5°	782.7	778.9	773.3	765.8	722.8	702.2	698.4	689.1	679.7	679.7	674.1
25°	810.8	807.0	792.0	769.6	720.9	690.9	672.2	649.7	638.5	632.9	640.4
27.5°	837.0	829.5	808.9	769.6	704.0	661.0	625.4	597.3	588.0	580.5	588.0
30°	872.6	859.5	831.4	764.0	677.8	614.2	565.5	531.8	522.4	511.2	514.9
32.5°	904.4	874.4	850.1	747.1	644.1	561.7	505.6	471.9	455.0	445.6	453.1
35°	938.1	908.1	857.6	720.9	591.7	498.1	441.9	410.1	397.0	383.9	383.9
37.5°	971.8	955.0	868.8	672.2	528.0	438.2	387.6	363.3	340.8	316.4	316.4
40°	1043.0	1020.5	881.9	616.0	464.4	380.1	344.5	312.7	290.2	256.5	254.7
42.5°	1117.9	1069.2	881.9	548.6	408.2	338.9	305.2	271.5	230.3	209.7	211.6
45°	1213.4	1157.2	857.6	488.7	352.0	305.2	267.8	224.7	206.0	192.9	192.9
47.5°	1333.2	1245.2	827.6	423.2	307.1	275.3	228.4	202.2	189.1	177.9	176.0
50°	1475.5	1325.7	790.2	367.0	269.6	247.2	207.8	187.2	176.0	168.5	168.5
52.5°	1625.3	1443.7	764.0	316.4	239.7	209.7	192.9	179.8	170.4	164.8	162.9
55°	1777.0	1561.6	745.2	262.1	211.6	192.9	189.1	177.9	174.1	168.5	164.8
57.5°	1947.4	1659.0	741.5	224.7	189.1	185.4	192.9	183.5	177.9	172.3	166.6
60°	2130.9	1790.1	707.8	194.7	177.9	181.6	187.2	177.9	174.1	168.5	164.8
62.5°	2312.5	1887.4	616.0	172.3	166.6	170.4	177.9	170.4	164.8	166.6	168.5
65°	2387.4	1894.9	477.5	155.4	153.5	155.4	166.6	164.8	159.2	170.4	170.4
67.5°	2312.5	1827.5	337.0	140.4	140.4	149.8	168.5	172.3	166.6	181.6	179.8
70°	2142.1	1660.9	228.4	131.1	134.8	159.2	174.1	170.4	162.9	181.6	177.9
72.5°	1818.2	1329.4	166.6	121.7	127.3	151.7	172.3	168.5	162.9	170.4	162.9
75°	1365.0	945.6	131.1	110.5	112.3	136.7	177.9	168.5	153.5	149.8	144.2
77.5°	911.9	584.2	101.1	97.4	97.4	119.8	170.4	157.3	138.6	132.9	131.1
80°	434.4	234.1	80.5	82.4	84.3	103.0	155.4	140.4	125.5	118.0	118.0
82.5°	138.6	88.0	67.4	67.4	67.4	84.3	129.2	118.0	108.6	103.0	93.6
85°	48.7	48.7	58.0	59.9	54.3	61.8	106.7	101.1	89.9	74.9	73.0
87.5°	18.7	28.1	39.3	46.8	33.7	43.1	76.8	71.2	65.5	48.7	46.8
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)