

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1208260

Luminaire Tested: UPW-SA1-060-727-U-SL3

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208260
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2211-834-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/19/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-727-U-SL3
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 2700K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5994 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 59
Input Voltage (V): NR
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: 28.75 FT

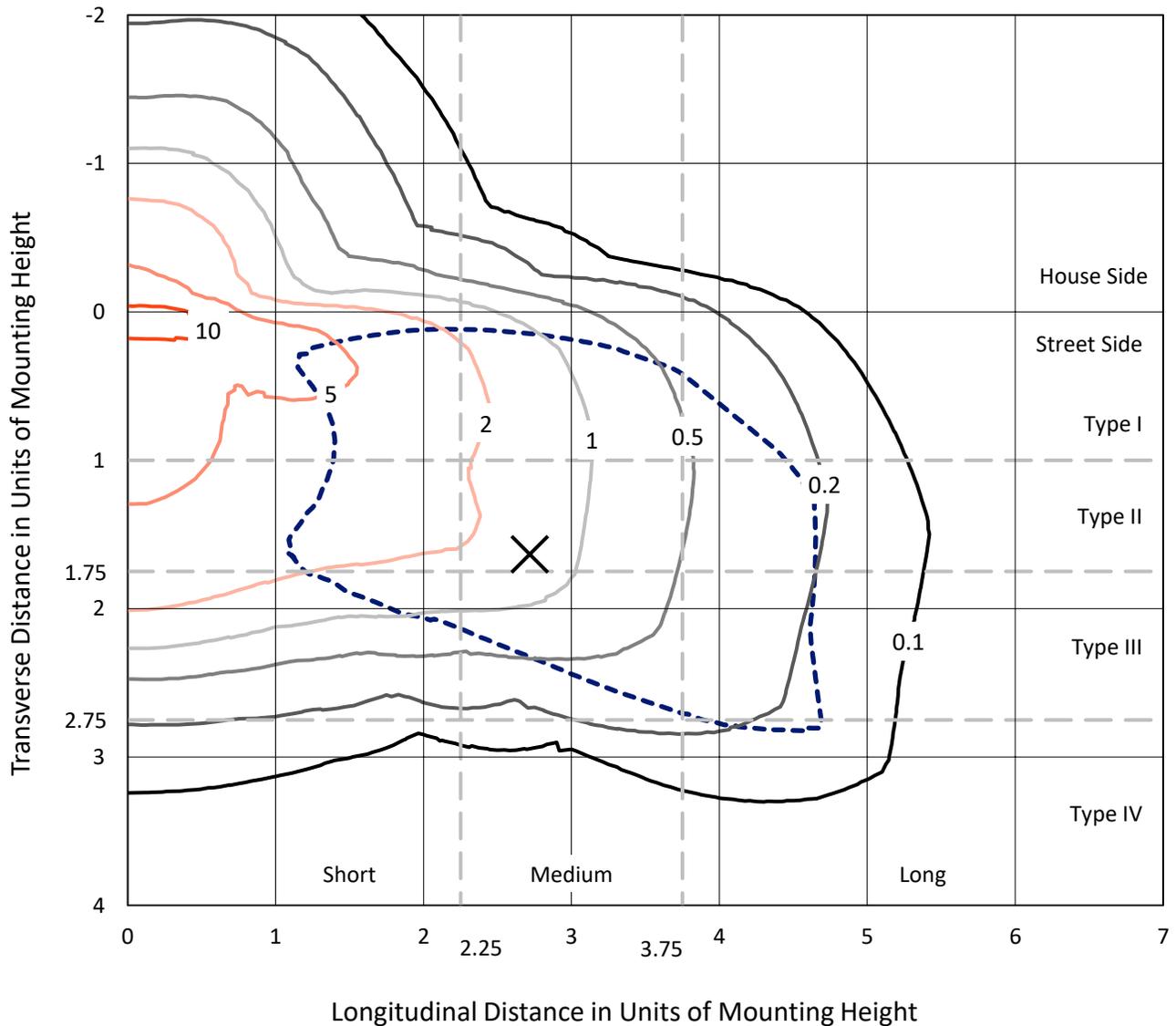


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

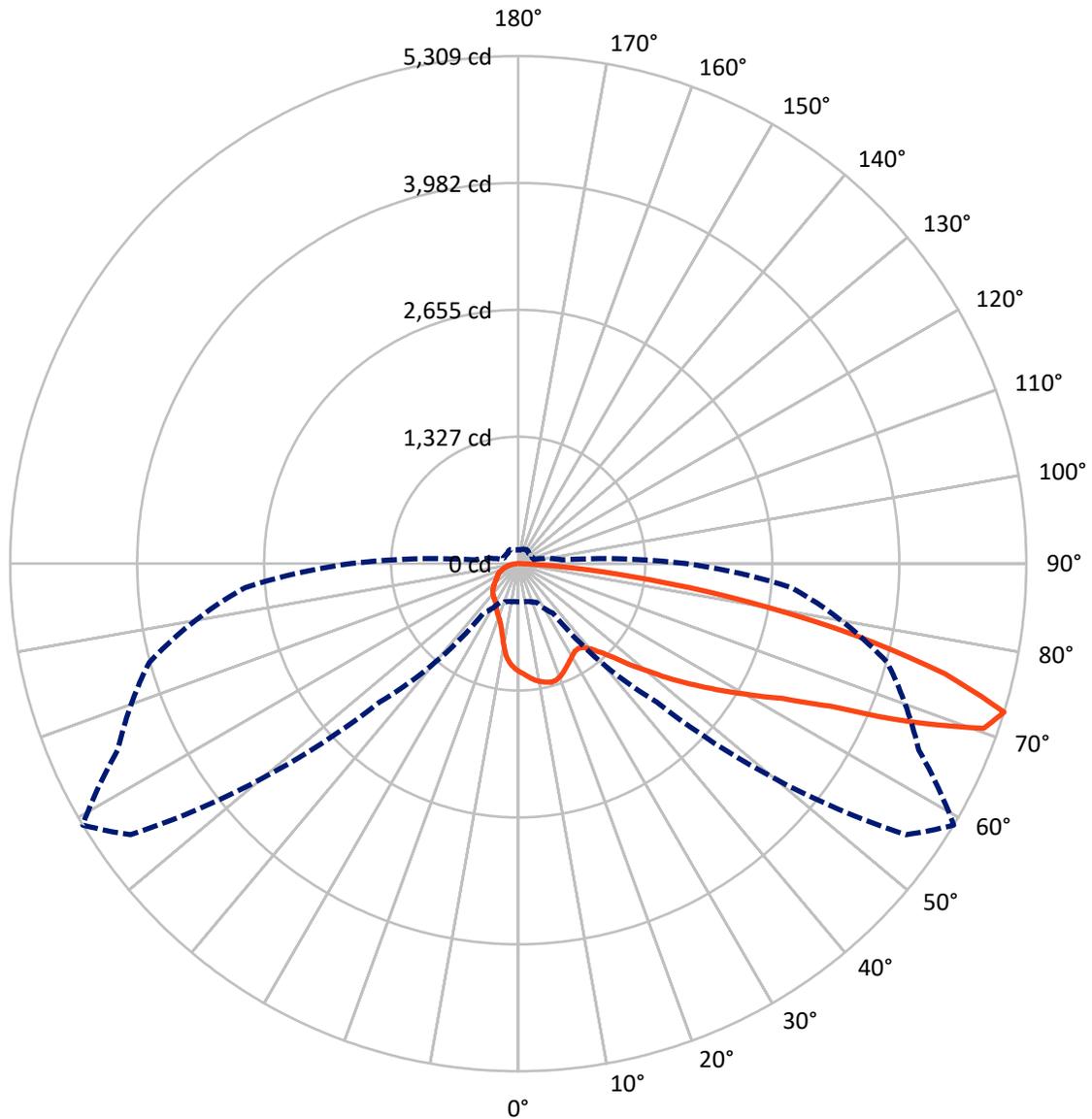


Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 59-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1019.9	0.0	1019.9
	% Fixture	17.0	0.0	17.0
Street Side	Lumens	4974.1	0.0	4974.1
	% Fixture	83.0	0.0	83.0
Total	Lumens	5994.0	0.0	5994.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.4	1.7
10°-20°	258.9	4.3
20°-30°	380.8	6.4
30°-40°	523.2	8.7
40°-50°	781.5	13.0
50°-60°	1191.0	19.9
60°-70°	1526.5	25.5
70°-80°	1055.2	17.6
80°-90°	175.6	2.9
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°	5994.0	100.0
0°-180°	5994.0	100.0

Coefficient of Utilization



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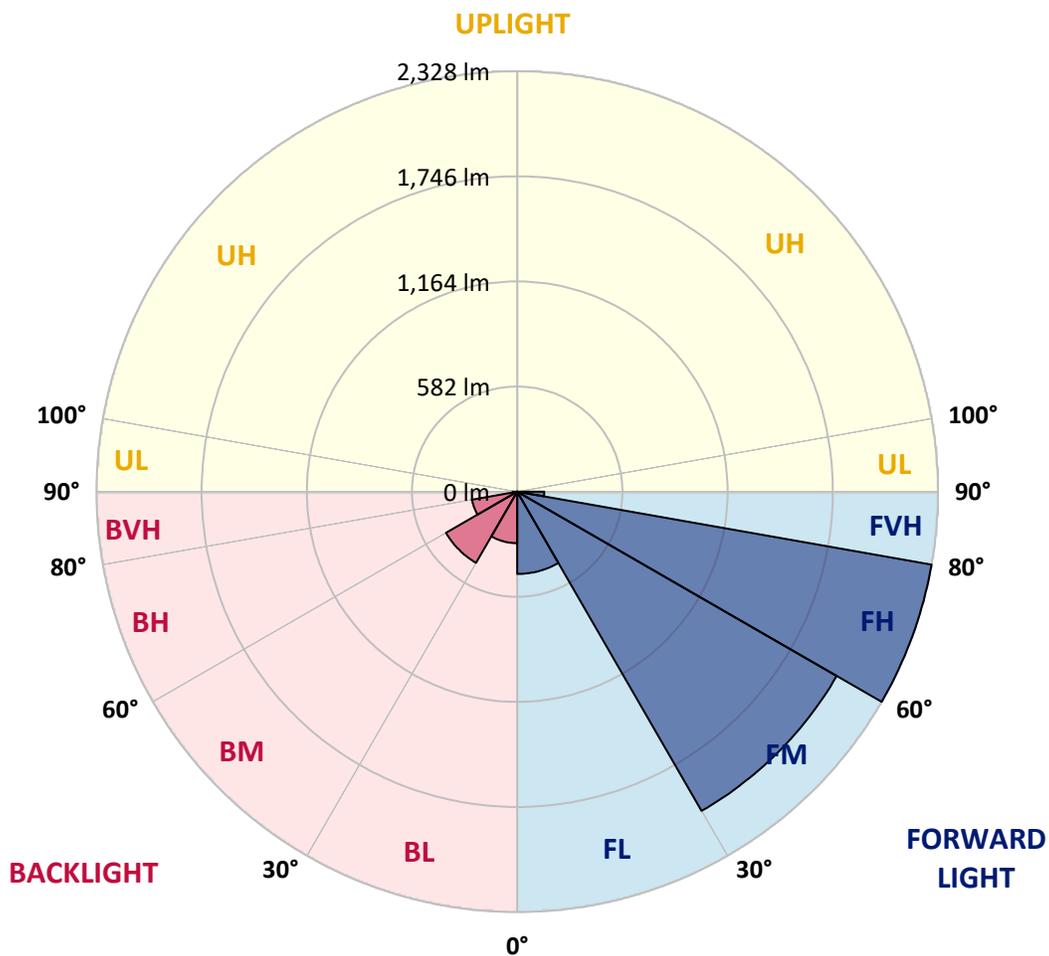
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	455.7	7.6			
FM (30°-60°)	2040.7	34.0			
FH (60°-80°)	2327.9	38.8			G2/5000
FVH (80°-90°)	149.8	2.5			G2/225
BL (0°-30°)	285.4	4.8	B1/500		
BM (30°-60°)	454.9	7.6	B1/1000		
BH (60°-80°)	253.8	4.2	B1/500		G1/500
BVH (80°-90°)	25.8	0.4			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°	59°	65°	75°	85°
0°	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5
2.5°	1176.7	1173.4	1175.1	1177.6	1170.9	1171.7	1163.4	1156.8	1151.8	1148.5	1141.0
5°	1205.8	1197.5	1200.8	1208.3	1200.8	1207.5	1198.3	1193.3	1185.0	1180.1	1163.4
7.5°	1181.7	1175.9	1184.2	1203.3	1212.5	1229.9	1231.6	1228.3	1224.9	1214.1	1193.3
10°	1070.4	1067.0	1088.6	1139.3	1181.7	1224.1	1252.4	1252.4	1254.0	1246.5	1221.6
12.5°	929.1	926.6	954.8	1017.2	1100.3	1197.5	1264.8	1272.3	1285.6	1283.1	1251.5
15°	835.2	833.5	856.0	905.8	991.4	1129.4	1263.2	1288.1	1315.5	1321.3	1282.3
17.5°	787.0	787.0	802.8	841.0	900.0	1034.6	1226.6	1281.4	1337.1	1364.5	1317.2
20°	773.7	772.0	781.2	804.4	845.2	949.9	1171.7	1258.2	1353.7	1399.4	1339.6
22.5°	780.3	778.7	782.0	793.6	816.9	893.3	1112.7	1223.3	1362.9	1430.2	1359.6
25°	812.7	811.1	806.9	806.1	811.1	866.8	1052.9	1184.2	1372.0	1474.2	1383.7
27.5°	875.9	870.9	856.8	843.5	830.2	860.9	1014.7	1149.3	1383.7	1510.8	1398.6
30°	957.3	955.7	938.2	913.3	869.2	874.2	990.6	1116.9	1383.7	1539.1	1397.8
32.5°	1017.2	1018.0	1014.7	999.7	937.4	904.2	981.4	1090.3	1381.2	1578.1	1401.1
35°	1080.3	1080.3	1072.0	1072.0	1031.3	962.3	994.7	1087.8	1395.3	1642.9	1425.2
37.5°	1187.5	1185.9	1168.4	1151.0	1121.0	1056.2	1033.8	1111.9	1434.3	1746.8	1457.6
40°	1328.8	1332.1	1296.4	1248.2	1213.3	1165.1	1106.9	1173.4	1495.0	1870.6	1499.2
42.5°	1499.2	1508.3	1452.6	1386.1	1325.5	1262.3	1209.1	1271.5	1602.2	2046.8	1570.6
45°	1708.6	1699.4	1629.6	1540.7	1460.9	1353.7	1321.3	1398.6	1741.8	2285.3	1680.3
47.5°	1890.6	1895.6	1810.0	1712.7	1613.8	1465.1	1463.4	1584.8	1926.3	2529.6	1806.6
50°	2067.6	2082.5	1987.8	1885.6	1780.1	1589.7	1642.9	1769.2	2124.1	2778.9	1962.9
52.5°	2206.4	2216.3	2128.2	2040.2	1935.5	1754.3	1854.8	2006.1	2324.4	3017.4	2142.4
55°	2316.1	2330.2	2231.3	2158.2	2078.4	1933.8	2097.5	2239.6	2532.1	3239.3	2326.0
57.5°	2464.8	2473.1	2348.5	2284.5	2209.7	2138.2	2364.3	2502.2	2754.8	3428.0	2516.3
60°	2578.7	2583.6	2454.8	2434.9	2433.2	2419.9	2660.9	2783.9	2964.3	3604.1	2710.8
62.5°	2479.8	2479.8	2390.9	2446.5	2648.5	2882.8	3072.3	3108.9	3180.3	3775.3	2897.8
65°	1964.5	1984.5	1994.5	2181.4	2632.7	3356.5	3754.6	3593.3	3450.4	3932.4	3050.7
67.5°	1031.3	1071.2	1163.4	1485.9	2170.6	3529.4	4628.8	4415.2	3833.5	4037.9	3110.5
70°	525.2	536.8	585.0	765.4	1366.2	3074.8	5148.2	5160.7	4290.6	4083.6	3067.3
72.5°	398.9	398.9	409.7	445.4	631.6	2051.0	4944.6	5309.4	4618.0	3991.4	2863.7
75°	332.4	336.6	358.2	363.2	319.1	1064.5	4010.5	4606.4	4269.8	3653.2	2501.4
77.5°	266.8	269.3	303.3	323.3	215.2	455.4	2924.4	3595.0	3292.5	2952.6	1761.8
80°	201.1	205.3	236.0	276.7	159.6	218.6	1970.4	2459.0	2060.1	1810.0	813.6
82.5°	134.6	136.3	161.2	218.6	118.0	121.3	1160.9	1377.8	1001.4	678.1	213.6
85°	82.3	83.9	100.6	141.3	78.1	64.8	515.2	532.7	316.6	161.2	76.5
87.5°	37.4	41.6	52.4	68.1	39.1	26.6	86.4	84.8	62.3	58.2	32.4
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°	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5	1128.5
2.5°	1130.2	1121.0	1111.9	1099.4	1088.6	1070.4	1057.9	1045.4	1038.8	1037.1	1034.6
5°	1150.1	1134.3	1107.8	1072.9	1034.6	991.4	950.7	915.0	890.9	883.4	886.7
7.5°	1173.4	1151.0	1098.6	1031.3	954.0	869.2	797.8	751.2	722.2	705.5	708.9
10°	1194.2	1161.8	1078.7	965.6	833.5	727.1	670.6	638.2	623.3	621.6	620.8
12.5°	1215.0	1172.6	1047.9	871.7	725.5	641.5	613.3	604.2	602.5	604.2	603.3
15°	1239.1	1178.4	995.6	774.5	649.0	605.8	596.7	594.2	595.0	599.2	598.3
17.5°	1259.0	1175.9	914.1	686.4	608.3	588.4	580.1	575.9	580.1	587.5	587.5
20°	1265.6	1151.8	820.2	624.9	585.9	569.3	557.6	551.0	556.0	565.1	566.8
22.5°	1260.7	1106.1	723.8	581.7	562.6	546.8	534.3	527.7	530.2	536.8	537.7
25°	1253.2	1046.3	639.1	548.5	532.7	520.2	516.9	508.6	504.4	508.6	509.4
27.5°	1230.7	967.3	569.3	514.4	499.4	501.1	499.4	492.0	486.1	485.3	487.0
30°	1180.9	857.6	516.9	479.5	474.5	483.7	483.7	472.9	462.0	460.4	462.9
32.5°	1121.0	745.4	473.7	450.4	460.4	465.4	465.4	456.2	445.4	438.8	442.1
35°	1062.0	639.1	440.4	430.5	449.6	453.7	449.6	446.3	428.8	412.2	416.3
37.5°	993.9	547.6	411.4	415.5	437.1	438.8	438.8	427.1	403.9	389.7	393.1
40°	919.9	478.7	387.3	402.2	423.8	423.8	417.2	409.7	398.1	383.9	385.6
42.5°	872.6	432.1	369.0	388.1	403.0	408.0	393.1	398.9	388.9	374.0	375.6
45°	865.9	403.0	354.0	366.5	379.8	378.1	378.9	383.1	374.0	354.0	353.2
47.5°	906.6	393.9	339.9	342.4	354.0	359.8	364.8	366.5	353.2	331.6	328.3
50°	997.2	409.7	325.8	320.8	330.7	344.0	349.0	351.5	335.7	313.3	310.0
52.5°	1136.8	458.7	313.3	302.5	301.7	324.9	339.1	345.7	320.8	296.7	295.0
55°	1291.4	525.2	296.7	286.7	277.6	310.0	330.7	338.2	306.6	275.1	272.6
57.5°	1456.0	604.2	277.6	270.9	260.1	295.8	315.8	321.6	285.0	249.3	247.6
60°	1628.0	674.8	259.3	253.5	247.6	276.7	297.5	299.2	265.1	229.4	227.7
62.5°	1783.4	723.0	241.8	235.2	235.2	254.3	275.9	274.2	244.3	211.1	209.4
65°	1898.1	717.2	226.0	217.7	221.1	230.2	249.3	243.5	221.9	193.6	192.0
67.5°	1944.6	655.7	211.1	201.9	202.8	205.3	221.1	216.9	199.4	176.2	175.3
70°	1896.4	545.2	192.0	180.3	178.7	179.5	195.3	187.8	175.3	160.4	159.6
72.5°	1752.6	457.1	170.4	160.4	157.1	154.6	167.9	164.5	155.4	142.9	143.8
75°	1536.6	394.7	147.1	140.4	134.6	132.1	142.9	141.3	134.6	126.3	126.3
77.5°	1073.7	288.4	121.3	118.8	115.5	110.5	118.8	119.7	115.5	113.0	112.2
80°	465.4	161.2	95.6	97.2	93.1	89.8	96.4	97.2	100.6	97.2	98.1
82.5°	134.6	79.8	69.0	74.0	72.3	69.0	72.3	79.8	74.8	65.7	67.3
85°	49.9	38.2	43.2	46.5	44.0	34.9	45.7	52.4	47.4	44.0	44.9
87.5°	19.1	14.1	18.3	15.8	12.5	9.1	15.8	17.5	23.3	9.1	7.5
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)