

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: P1208287

Luminaire Tested: UPW-SA1-060-730-U-SL3

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208287
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2211-834-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-730-U-SL3
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 3000K, 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: 6527 lumens
Efficiency: N/A
Efficacy: 110.6 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

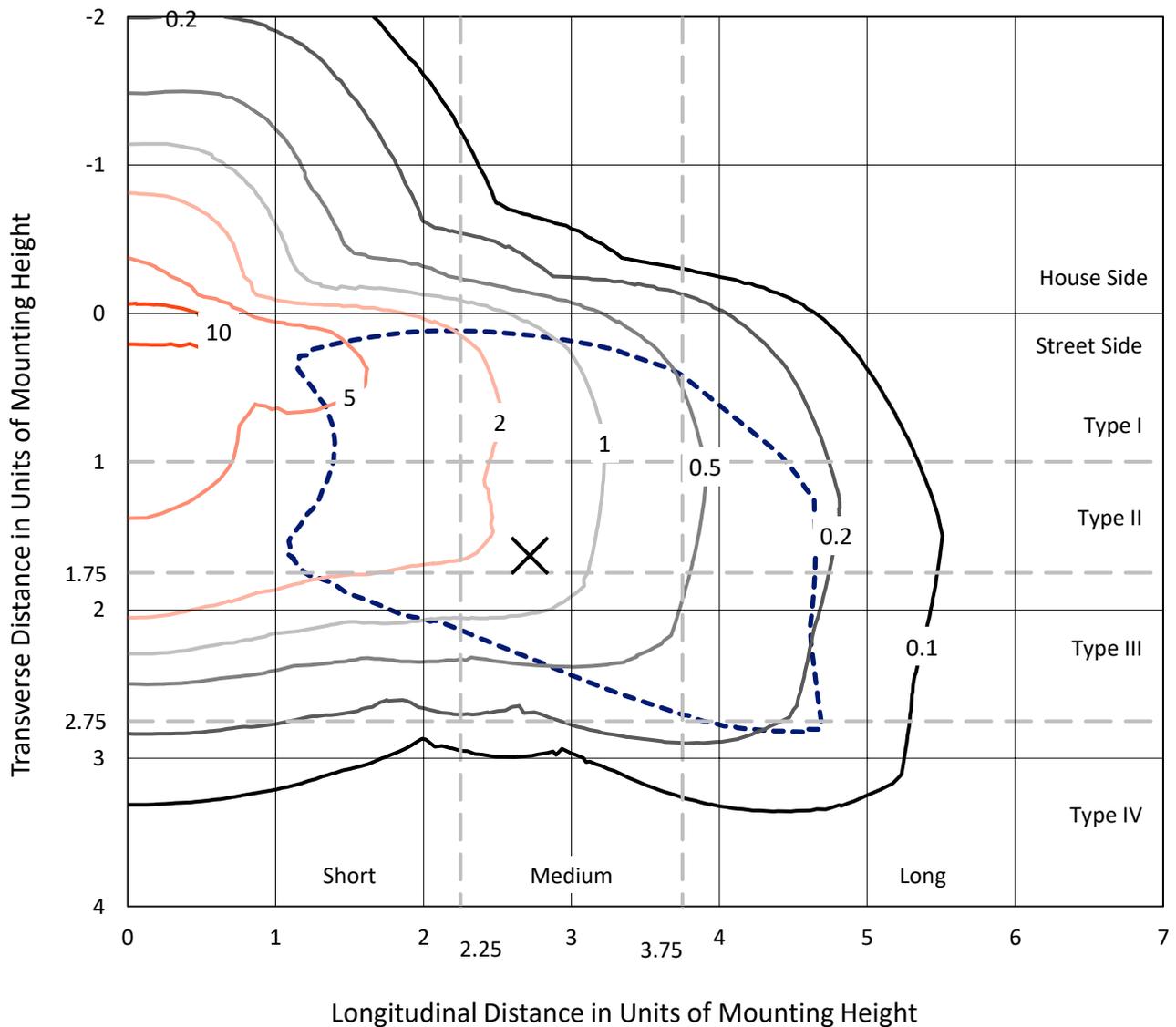


REPORT NUMBER: P1208287

CATALOG NUMBER: UPW-SA1-060-730-U-SL3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

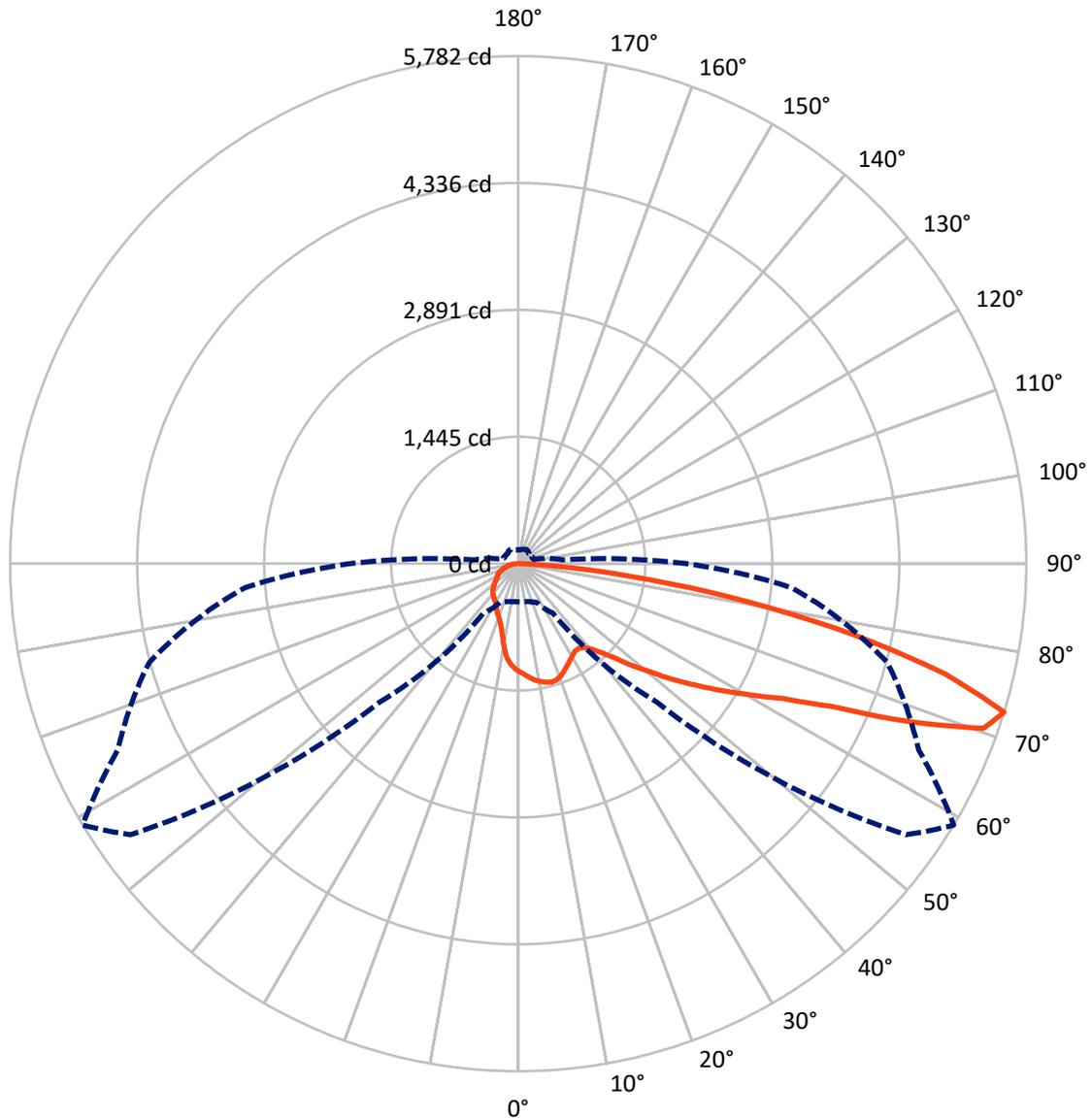


Based on 10 foot mounting height. Maximum calculated value = 12.8 fc
 Type III - Medium - N/A

REPORT NUMBER: P1208287

CATALOG NUMBER: UPW-SA1-060-730-U-SL3

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1208287

CATALOG NUMBER: UPW-SA1-060-730-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1110.6	0.0	1110.6
	% Fixture	17.0	0.0	17.0
Street Side	Lumens	5416.4	0.0	5416.4
	% Fixture	83.0	0.0	83.0
Total	Lumens	6527.0	0.0	6527.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	1.7
10°-20°	282.0	4.3
20°-30°	414.6	6.4
30°-40°	569.7	8.7
40°-50°	851.0	13.0
50°-60°	1296.9	19.9
60°-70°	1662.2	25.5
70°-80°	1149.0	17.6
80°-90°	191.2	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°	6527.0	100.0
0°-180°	6527.0	100.0



REPORT NUMBER: P1208287

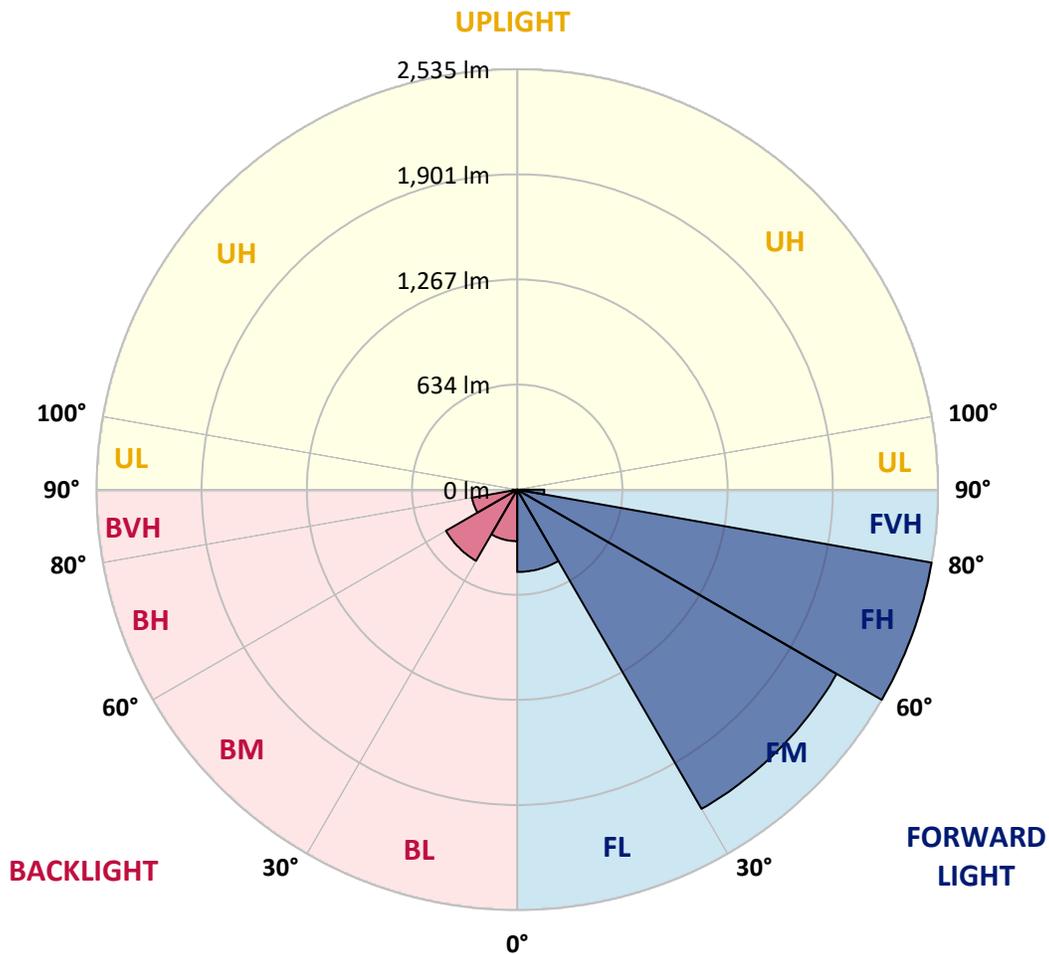
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	496.3	7.6			
FM	(30°-60°)	2222.2	34.0			
FH	(60°-80°)	2534.9	38.8			G2/5000
FVH	(80°-90°)	163.1	2.5			G2/225
BL	(0°-30°)	310.8	4.8	B1/500		
BM	(30°-60°)	495.4	7.6	B1/1000		
BH	(60°-80°)	276.4	4.2	B1/500		G1/500
BVH	(80°-90°)	28.1	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





REPORT NUMBER: P1208287

CATALOG NUMBER: UPW-SA1-060-730-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1281.4	1277.7	1279.6	1282.3	1275.0	1275.9	1266.9	1259.6	1254.2	1250.6	1242.5
5°	1313.0	1304.0	1307.6	1315.8	1307.6	1314.8	1304.9	1299.5	1290.4	1285.0	1266.9
7.5°	1286.8	1280.5	1289.5	1310.3	1320.3	1339.3	1341.1	1337.5	1333.9	1322.1	1299.5
10°	1165.5	1161.9	1185.4	1240.6	1286.8	1332.9	1363.7	1363.7	1365.5	1357.4	1330.2
12.5°	1011.7	1009.0	1039.8	1107.6	1198.1	1304.0	1377.3	1385.4	1399.9	1397.2	1362.8
15°	909.4	907.6	932.1	986.4	1079.6	1229.8	1375.5	1402.6	1432.5	1438.8	1396.3
17.5°	857.0	857.0	874.2	915.8	980.0	1126.6	1335.7	1395.4	1456.0	1485.9	1434.3
20°	842.5	840.7	850.6	876.0	920.3	1034.3	1275.9	1370.0	1474.1	1523.9	1458.7
22.5°	849.7	847.9	851.5	864.2	889.5	972.8	1211.7	1332.0	1484.1	1557.4	1480.4
25°	885.0	883.2	878.7	877.8	883.2	943.8	1146.5	1289.5	1494.0	1605.3	1506.7
27.5°	953.8	948.4	933.0	918.5	904.0	937.5	1104.9	1251.5	1506.7	1645.1	1523.0
30°	1042.5	1040.7	1021.7	994.5	946.5	952.0	1078.7	1216.2	1506.7	1675.9	1522.1
32.5°	1107.6	1108.5	1104.9	1088.6	1020.7	984.6	1068.7	1187.3	1504.0	1718.4	1525.7
35°	1176.4	1176.4	1167.3	1167.3	1123.0	1047.9	1083.2	1184.5	1519.4	1789.0	1551.9
37.5°	1293.1	1291.3	1272.3	1253.3	1220.7	1150.2	1125.7	1210.8	1561.9	1902.1	1587.2
40°	1447.0	1450.6	1411.7	1359.2	1321.2	1268.7	1205.4	1277.7	1627.9	2037.0	1632.5
42.5°	1632.5	1642.4	1581.8	1509.4	1443.3	1374.6	1316.7	1384.5	1744.7	2228.8	1710.3
45°	1860.5	1850.6	1774.5	1677.7	1590.8	1474.1	1438.8	1523.0	1896.7	2488.5	1829.7
47.5°	2058.7	2064.1	1970.9	1865.0	1757.4	1595.4	1593.6	1725.7	2097.6	2754.6	1967.3
50°	2251.4	2267.7	2164.6	2053.3	1938.3	1731.1	1789.0	1926.6	2313.0	3026.0	2137.4
52.5°	2402.6	2413.4	2317.5	2221.6	2107.6	1910.3	2019.8	2184.5	2531.1	3285.8	2332.9
55°	2522.0	2537.4	2429.7	2350.1	2263.2	2105.7	2284.0	2438.8	2757.3	3527.4	2532.9
57.5°	2684.0	2693.0	2557.3	2487.6	2406.2	2328.4	2574.5	2724.7	2999.8	3732.8	2740.1
60°	2808.0	2813.4	2673.1	2651.4	2649.6	2635.1	2897.6	3031.5	3227.8	3924.6	2951.8
62.5°	2700.3	2700.3	2603.5	2664.1	2884.0	3139.2	3345.5	3385.3	3463.1	4111.0	3155.5
65°	2139.2	2160.9	2171.8	2375.4	2866.8	3655.0	4088.4	3912.9	3757.2	4282.1	3322.0
67.5°	1123.0	1166.4	1266.9	1618.0	2363.6	3843.2	5040.4	4807.8	4174.4	4397.0	3387.1
70°	571.9	584.6	637.1	833.4	1487.7	3348.2	5606.0	5619.5	4672.1	4446.8	3340.1
72.5°	434.4	434.4	446.1	485.0	687.7	2233.3	5384.3	5781.5	5028.6	4346.3	3118.4
75°	362.0	366.5	390.0	395.4	347.5	1159.2	4367.1	5016.0	4649.5	3978.0	2723.8
77.5°	290.5	293.2	330.3	352.0	234.4	495.9	3184.4	3914.7	3585.3	3215.2	1918.4
80°	219.0	223.5	257.0	301.3	173.7	238.0	2145.6	2677.7	2243.3	1970.9	885.9
82.5°	146.6	148.4	175.6	238.0	128.5	132.1	1264.2	1500.4	1090.4	738.4	232.6
85°	89.6	91.4	109.5	153.8	85.1	70.6	561.0	580.1	344.8	175.6	83.3
87.5°	40.7	45.2	57.0	74.2	42.5	29.0	94.1	92.3	67.9	63.3	35.3
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: P1208287

CATALOG NUMBER: UPW-SA1-060-730-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1230.7	1220.7	1210.8	1197.2	1185.4	1165.5	1152.0	1138.4	1131.1	1129.3	1126.6
5°	1252.4	1235.2	1206.3	1168.3	1126.6	1079.6	1035.2	996.3	970.1	961.9	965.5
7.5°	1277.7	1253.3	1196.3	1123.0	1038.8	946.5	868.7	818.0	786.4	768.3	771.9
10°	1300.4	1265.1	1174.6	1051.5	907.6	791.8	730.3	695.0	678.7	676.9	676.0
12.5°	1323.0	1276.8	1141.1	949.3	790.0	698.6	667.8	657.9	656.1	657.9	657.0
15°	1349.2	1283.2	1084.1	843.4	706.7	659.7	649.7	647.0	647.9	652.4	651.5
17.5°	1371.0	1280.5	995.4	747.5	662.4	640.7	631.6	627.1	631.6	639.8	639.8
20°	1378.2	1254.2	893.2	680.5	638.0	619.9	607.2	600.0	605.4	615.3	617.2
22.5°	1372.8	1204.4	788.2	633.4	612.6	595.4	581.9	574.6	577.3	584.6	585.5
25°	1364.6	1139.3	695.9	597.2	580.1	566.5	562.9	553.8	549.3	553.8	554.7
27.5°	1340.2	1053.3	619.9	560.1	543.9	545.7	543.9	535.7	529.4	528.5	530.3
30°	1285.9	933.9	562.9	522.1	516.7	526.7	526.7	514.9	503.1	501.3	504.0
32.5°	1220.7	811.7	515.8	490.5	501.3	506.8	506.8	496.8	485.0	477.8	481.4
35°	1156.5	695.9	479.6	468.7	489.6	494.1	489.6	485.9	466.9	448.8	453.4
37.5°	1082.3	596.3	447.9	452.5	476.0	477.8	477.8	465.1	439.8	424.4	428.0
40°	1001.7	521.2	421.7	438.0	461.5	461.5	454.3	446.1	433.5	418.1	419.9
42.5°	950.2	470.6	401.8	422.6	438.9	444.3	428.0	434.4	423.5	407.2	409.0
45°	942.9	438.9	385.5	399.1	413.5	411.7	412.6	417.2	407.2	385.5	384.6
47.5°	987.3	428.9	370.1	372.8	385.5	391.8	397.3	399.1	384.6	361.1	357.4
50°	1085.9	446.1	354.7	349.3	360.2	374.6	380.1	382.8	365.6	341.2	337.5
52.5°	1237.9	499.5	341.2	329.4	328.5	353.8	369.2	376.4	349.3	323.1	321.2
55°	1406.2	571.9	323.1	312.2	302.2	337.5	360.2	368.3	333.9	299.5	296.8
57.5°	1585.4	657.9	302.2	295.0	283.2	322.2	343.9	350.2	310.4	271.5	269.7
60°	1772.7	734.8	282.3	276.0	269.7	301.3	324.0	325.8	288.7	249.8	247.9
62.5°	1942.0	787.3	263.3	256.1	256.1	276.9	300.4	298.6	266.0	229.8	228.0
65°	2066.8	780.9	246.1	237.1	240.7	250.7	271.5	265.1	241.6	210.8	209.0
67.5°	2117.5	714.0	229.8	219.9	220.8	223.5	240.7	236.2	217.2	191.8	190.9
70°	2065.0	593.6	209.0	196.4	194.6	195.5	212.7	204.5	190.9	174.6	173.7
72.5°	1908.5	497.7	185.5	174.6	171.0	168.3	182.8	179.2	169.2	155.6	156.6
75°	1673.2	429.8	160.2	152.9	146.6	143.9	155.6	153.8	146.6	137.5	137.5
77.5°	1169.2	314.0	132.1	129.4	125.8	120.4	129.4	130.3	125.8	123.1	122.2
80°	506.8	175.6	104.1	105.9	101.4	97.7	105.0	105.9	109.5	105.9	106.8
82.5°	146.6	86.9	75.1	80.5	78.7	75.1	78.7	86.9	81.4	71.5	73.3
85°	54.3	41.6	47.1	50.7	48.0	38.0	49.8	57.0	51.6	48.0	48.9
87.5°	20.8	15.4	19.9	17.2	13.6	10.0	17.2	19.0	25.3	10.0	8.1
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)