

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: P1208274

Luminaire Tested: UPW-SA1-060-727-U-T3R-HSS

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208274
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-11)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/19/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-727-U-T3R-HSS
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 2700K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE III ROADWAY OPTICS W/
HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4859 lumens
Efficiency: N/A
Efficacy: 82.4 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

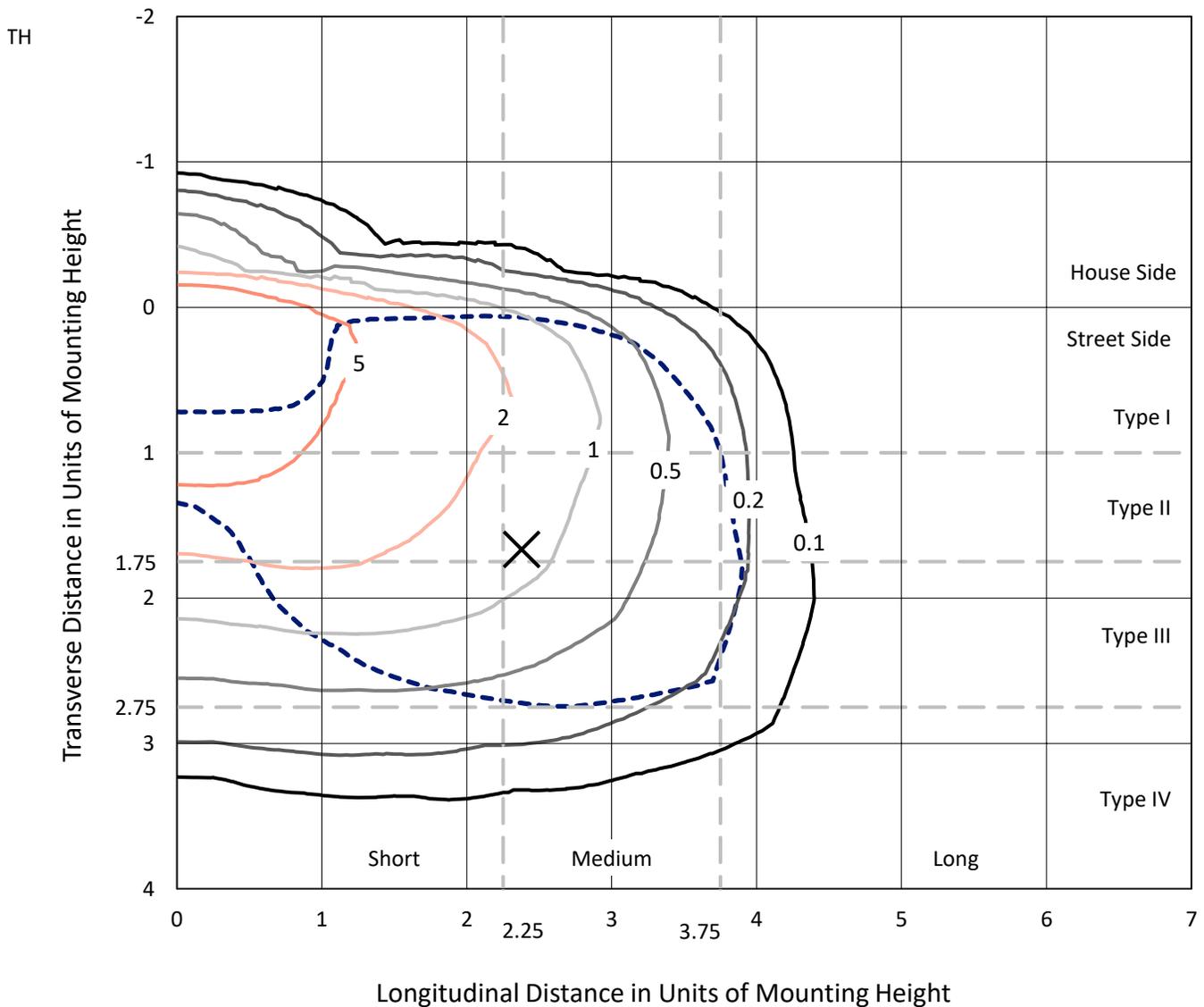
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P1208274
 CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

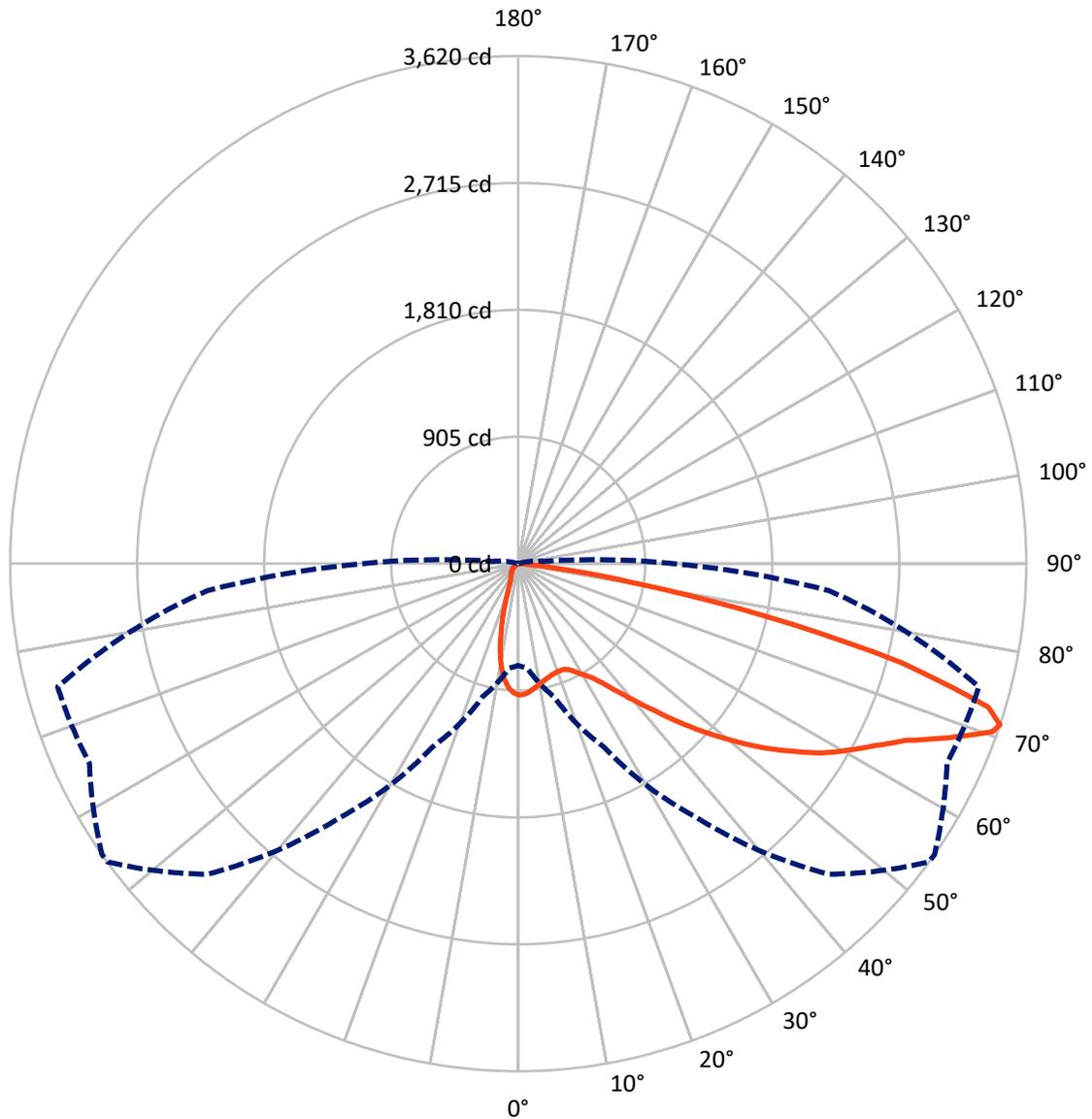


Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
 Type III - Medium - N/A

REPORT NUMBER: P1208274

CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 71-Deg Vertical

REPORT NUMBER: P1208274

CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

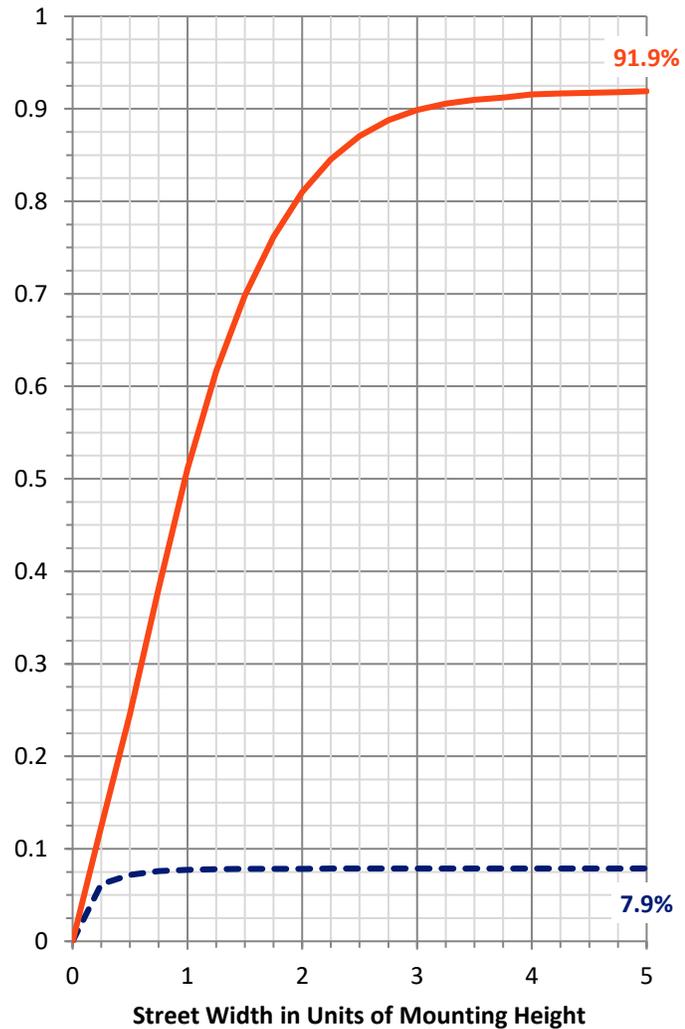
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	384.7	0.0	384.7
	% Fixture	7.9	0.0	7.9
Street Side	Lumens	4474.3	0.0	4474.3
	% Fixture	92.1	0.0	92.1
Total	Lumens	4859.0	0.0	4859.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.9	1.6
10°-20°	180.4	3.7
20°-30°	289.9	6.0
30°-40°	492.5	10.1
40°-50°	764.4	15.7
50°-60°	1027.8	21.2
60°-70°	1257.3	25.9
70°-80°	735.1	15.1
80°-90°	31.8	0.7
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°	4859.0	100.0
0°-180°	4859.0	100.0



--- HS — SS

REPORT NUMBER: P1208274

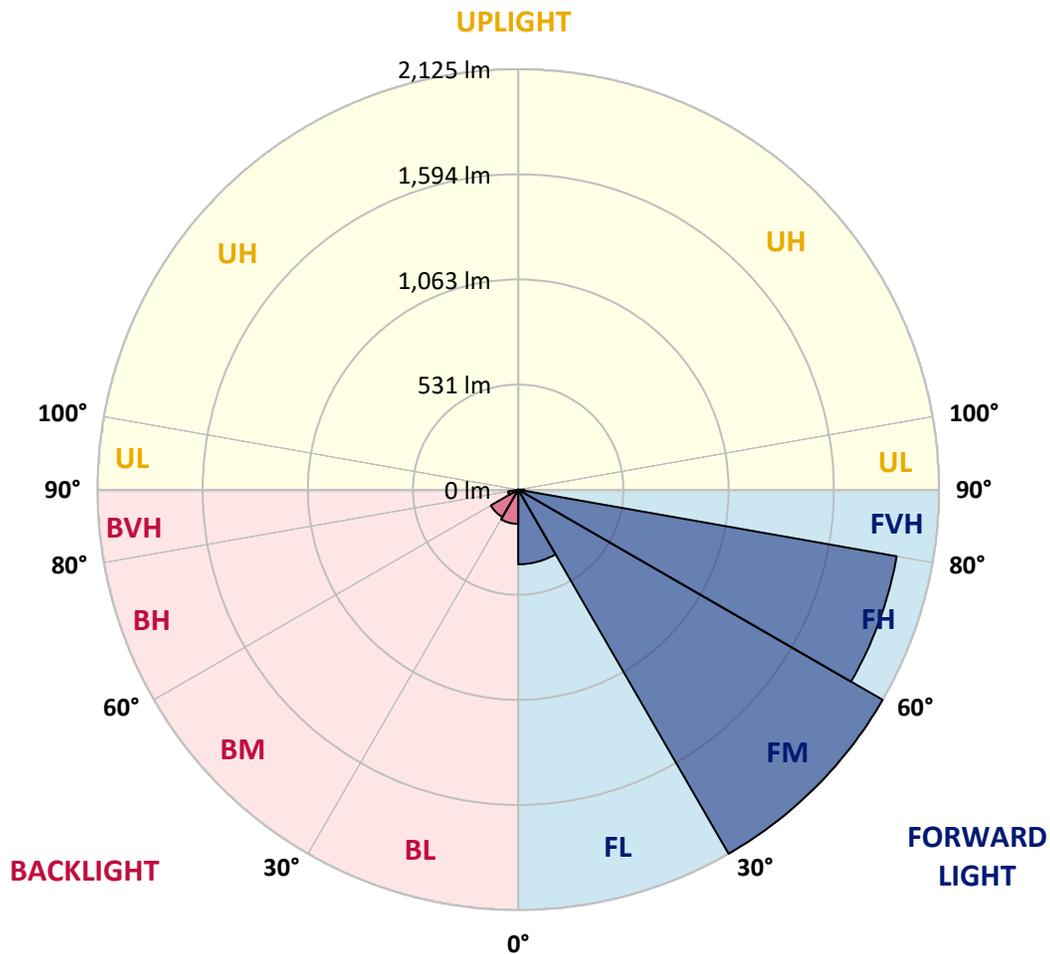
CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	377.0	7.8			
FM	(30°-60°)	2125.2	43.7			
FH	(60°-80°)	1940.8	39.9			G2/5000
FVH	(80°-90°)	31.3	0.6			G1/100
BL	(0°-30°)	173.2	3.6	B1/500		
BM	(30°-60°)	159.5	3.3	B0/220		
BH	(60°-80°)	51.5	1.1	B0/110		G0/110
BVH	(80°-90°)	0.5	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





REPORT NUMBER: P1208274

CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1
2.5°	909.6	910.7	914.6	916.3	920.5	927.5	931.0	931.2	936.9	939.0	940.8
5°	845.2	851.8	858.3	865.3	877.9	894.7	911.3	912.9	931.2	944.7	951.9
7.5°	789.8	795.7	803.6	814.7	832.6	859.0	886.7	889.9	924.6	955.4	971.5
10°	732.9	737.7	749.0	765.4	790.0	825.4	862.7	868.1	918.7	969.8	998.2
12.5°	672.0	674.8	688.6	712.1	748.4	793.3	842.4	849.6	915.0	986.4	1029.6
15°	625.7	627.0	640.1	664.6	706.0	764.5	826.7	835.4	915.9	1006.2	1063.8
17.5°	614.0	614.6	621.6	638.4	675.0	738.8	814.2	824.9	918.5	1025.7	1098.3
20°	661.7	657.2	650.0	647.3	663.0	723.3	806.8	818.8	922.0	1042.9	1129.3
22.5°	792.9	779.3	749.4	709.5	685.3	724.4	808.8	820.8	933.1	1064.1	1165.1
25°	987.5	968.7	917.9	839.3	763.8	755.8	825.2	837.4	954.7	1089.4	1199.3
27.5°	1208.9	1190.4	1128.2	1016.1	887.3	818.0	862.7	874.0	986.8	1111.8	1225.5
30°	1421.0	1415.8	1342.5	1215.0	1042.7	918.7	911.1	920.7	1010.6	1125.4	1246.2
32.5°	1600.8	1592.5	1533.6	1409.6	1220.5	1039.8	968.1	970.9	1028.5	1142.8	1273.3
35°	1767.5	1757.2	1705.5	1588.3	1402.9	1187.8	1055.8	1051.6	1067.5	1177.9	1312.6
37.5°	1913.0	1922.4	1865.0	1753.5	1566.5	1341.6	1174.0	1161.6	1128.6	1235.1	1369.5
40°	2034.7	2034.7	2004.8	1911.9	1743.2	1500.6	1307.8	1291.4	1220.5	1323.3	1441.7
42.5°	2078.6	2088.0	2099.1	2046.5	1901.4	1666.0	1456.8	1439.8	1349.9	1448.3	1532.9
45°	2081.2	2096.0	2153.0	2152.8	2044.3	1830.3	1624.8	1616.7	1515.7	1608.8	1645.9
47.5°	2044.3	2062.9	2156.7	2209.9	2157.6	1983.2	1808.5	1798.4	1710.5	1805.6	1764.2
50°	1987.4	2007.9	2117.0	2232.4	2234.6	2116.3	2002.0	1986.9	1925.0	2030.6	1886.4
52.5°	1885.5	1925.2	2081.4	2237.6	2285.2	2231.3	2186.1	2179.6	2165.0	2247.2	1983.7
55°	1667.5	1711.6	1992.2	2239.4	2332.1	2333.2	2358.7	2360.5	2389.9	2449.7	2056.1
57.5°	1564.6	1589.4	1836.4	2247.7	2401.7	2448.8	2534.6	2548.1	2593.7	2641.9	2138.8
60°	1499.8	1529.2	1759.6	2236.3	2511.0	2600.5	2697.6	2702.1	2751.0	2840.2	2250.7
62.5°	1448.0	1477.1	1711.2	2192.7	2633.8	2782.9	2856.8	2857.3	2893.9	3076.5	2377.9
65°	1320.4	1344.9	1613.2	2143.6	2715.0	2963.3	3041.8	3039.0	3068.9	3325.7	2525.6
67.5°	1135.8	1154.6	1413.1	1957.5	2684.5	3127.4	3321.1	3311.7	3275.5	3541.0	2583.7
70°	878.2	884.9	1113.8	1631.3	2398.2	3190.4	3591.0	3586.2	3402.3	3502.4	2370.9
71°	725.9	748.1	981.6	1439.8	2206.4	3132.2	3617.2	3620.0	3370.4	3397.3	2224.5
72.5°	421.5	440.5	711.5	1105.7	1873.3	2889.1	3481.5	3502.0	3221.6	3090.1	1900.1
75°	90.3	96.7	263.8	535.2	1030.5	2024.9	2748.0	2821.0	2625.8	2102.1	1145.2
77.5°	62.8	67.9	113.0	242.8	340.6	1000.6	1707.0	1789.5	1568.7	790.0	366.5
80°	49.7	55.4	88.1	120.0	92.1	322.7	799.6	850.0	523.2	176.3	61.7
82.5°	27.7	32.9	68.7	64.8	35.3	61.3	223.9	253.1	104.7	35.6	14.6
85°	8.1	9.8	44.3	47.1	15.1	11.8	38.2	47.3	19.9	9.4	6.5
87.5°	0.0	0.0	21.4	18.1	4.4	1.7	3.5	3.9	3.9	3.9	4.4
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: P1208274

CATALOG NUMBER: UPW-SA1-060-727-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1	937.1
2.5°	940.8	942.3	936.9	929.7	922.0	912.6	902.8	895.2	895.0	891.3	887.5
5°	952.3	951.5	936.4	913.5	886.5	858.3	831.5	801.2	791.1	778.7	774.5
7.5°	973.7	967.6	935.8	885.6	826.2	767.3	706.5	645.2	619.0	595.4	591.3
10°	1000.6	989.0	931.6	843.7	734.8	626.2	534.3	451.0	414.3	386.2	384.9
12.5°	1028.5	1010.8	920.1	780.4	615.0	462.3	356.5	274.5	243.9	224.3	226.0
15°	1057.7	1031.3	895.2	695.1	478.7	313.7	219.1	170.8	158.6	153.6	154.9
17.5°	1087.6	1045.5	860.5	592.4	344.1	202.5	151.6	138.1	138.1	139.2	139.6
20°	1113.6	1053.1	809.4	477.2	233.2	147.5	132.7	130.7	131.8	133.5	133.7
22.5°	1139.3	1053.6	742.9	360.4	163.2	129.2	126.3	125.5	126.1	128.1	128.3
25°	1160.3	1048.3	659.6	256.4	130.3	121.7	120.4	120.0	120.4	122.8	122.8
27.5°	1168.8	1029.4	557.9	180.2	116.7	113.5	113.0	113.5	114.1	115.9	116.1
30°	1169.7	996.2	447.0	130.5	105.8	102.3	103.2	104.7	104.1	103.6	104.1
32.5°	1171.8	957.8	339.0	107.3	96.7	91.2	90.1	90.1	87.5	86.0	85.1
35°	1179.0	912.6	245.9	96.4	87.3	80.9	76.8	72.0	67.0	64.4	63.7
37.5°	1190.4	865.3	176.1	89.2	79.0	71.8	63.9	55.4	48.2	46.3	46.3
40°	1211.1	816.4	130.3	83.6	72.4	63.5	51.7	40.6	34.0	32.9	32.9
42.5°	1243.8	764.9	103.9	78.5	66.8	55.0	39.5	29.5	24.7	24.0	23.8
45°	1277.9	708.2	90.8	73.7	60.7	45.2	29.2	21.8	19.0	18.3	18.3
47.5°	1311.9	647.8	84.4	69.2	54.8	35.1	21.8	17.2	15.9	15.9	16.1
50°	1340.7	584.7	79.9	64.1	47.1	26.6	17.2	14.6	14.2	15.1	15.3
52.5°	1347.9	522.8	74.2	57.8	37.7	20.3	14.2	12.9	12.9	12.9	12.9
55°	1343.5	474.8	66.8	50.0	27.9	16.1	12.2	11.3	11.1	11.1	11.1
57.5°	1358.4	446.4	53.5	38.8	20.1	13.1	10.7	10.0	9.6	9.4	9.4
60°	1388.3	427.8	38.2	27.9	15.1	10.9	9.2	8.5	7.9	7.4	7.4
62.5°	1428.0	411.7	28.4	20.7	11.6	8.7	7.6	7.0	6.1	5.7	5.7
65°	1458.5	382.9	21.6	15.5	8.7	7.0	5.9	5.7	4.4	3.9	3.7
67.5°	1411.8	319.6	17.5	11.3	6.5	5.5	4.6	4.4	2.6	2.2	2.2
70°	1210.9	222.5	14.0	8.3	4.8	4.4	3.7	2.8	2.0	1.7	1.7
71°	1098.1	185.9	12.7	7.0	4.1	4.1	3.5	2.4	1.7	1.5	1.5
72.5°	912.2	132.0	10.7	5.5	3.7	4.4	3.7	2.2	1.7	1.5	1.3
75°	529.5	55.2	7.4	3.7	2.8	5.2	4.8	2.0	1.3	1.1	1.1
77.5°	159.3	20.3	4.1	2.4	2.2	4.6	5.5	1.7	0.7	0.2	0.2
80°	29.0	8.7	2.6	1.5	1.5	2.8	4.1	0.9	0.0	0.0	0.0
82.5°	10.3	4.4	1.5	0.9	0.7	1.3	2.0	0.0	0.0	0.0	0.0
85°	5.9	3.1	0.9	0.4	0.0	0.2	0.4	0.0	0.0	0.0	0.0
87.5°	3.9	0.9	0.0	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)