

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: P1207801

Luminaire Tested: UPW-SA1-030-730-U-SL3

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1207801
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-SA1-030-730-U-SL3
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 3000K, 615mA 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: 4302 lumens
Efficiency: N/A
Efficacy: 126.5 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): 34
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

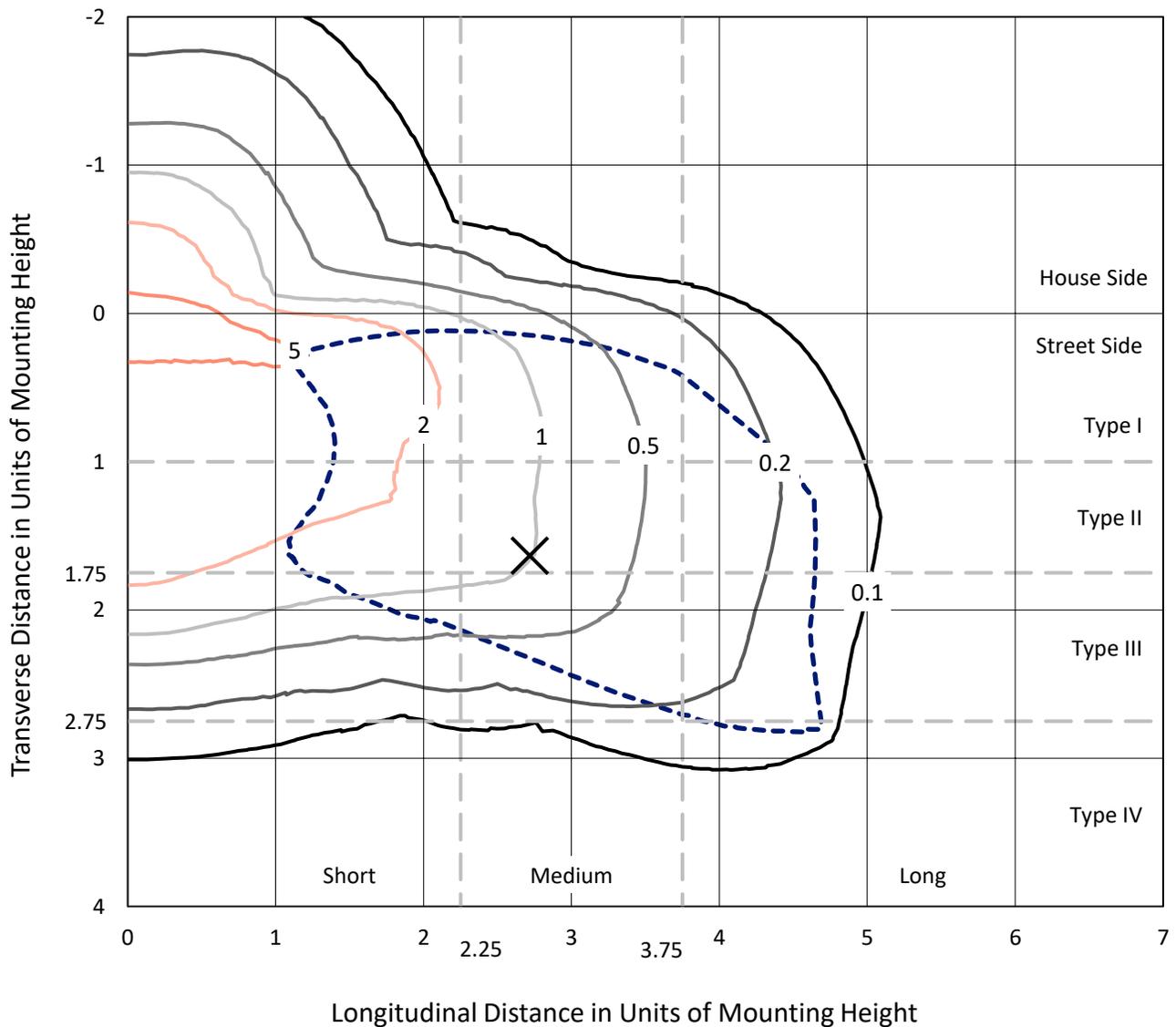


REPORT NUMBER: P1207801

CATALOG NUMBER: UPW-SA1-030-730-U-SL3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

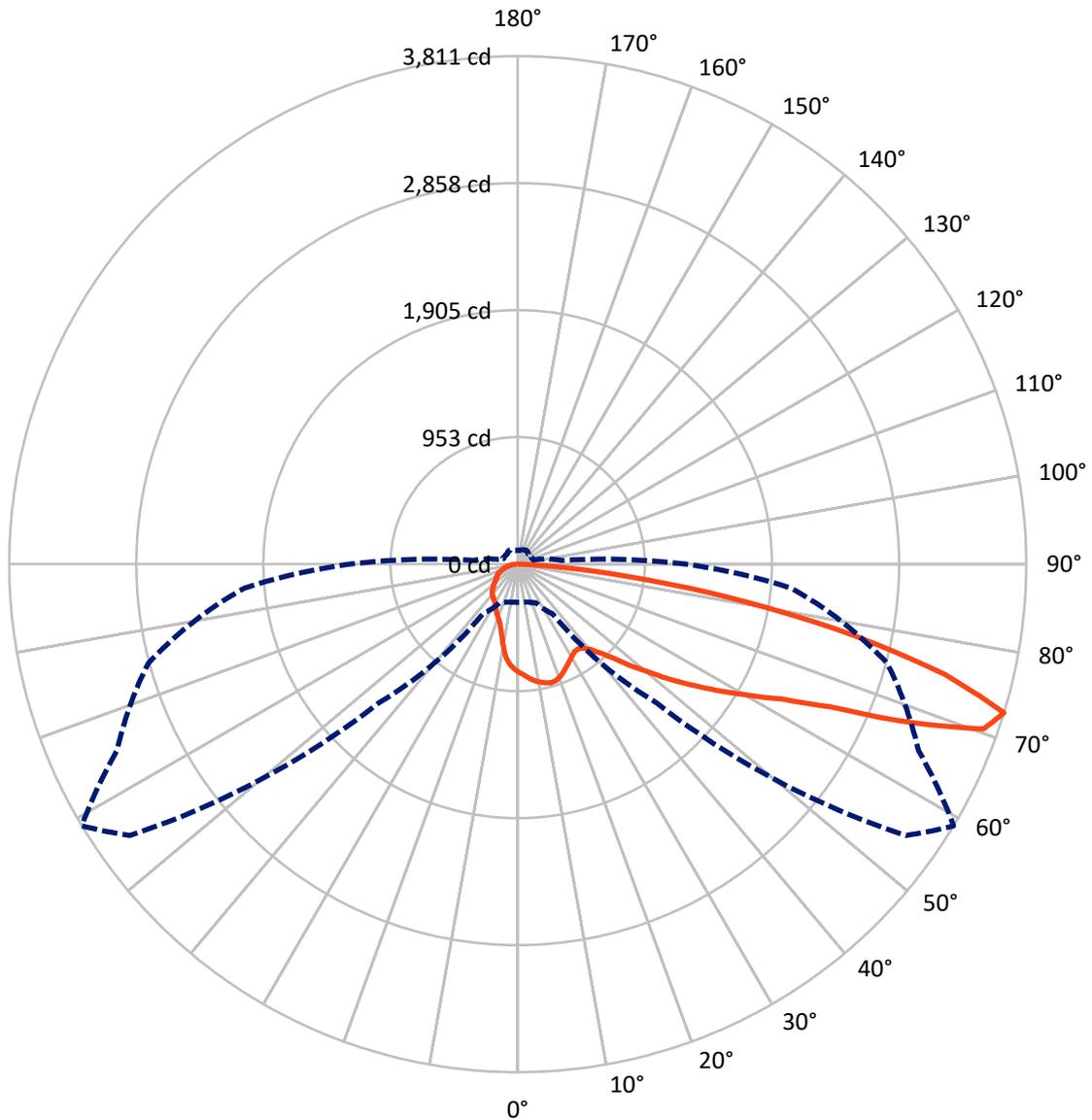


Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
 Type III - Medium - N/A

REPORT NUMBER: P1207801

CATALOG NUMBER: UPW-SA1-030-730-U-SL3

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1207801

CATALOG NUMBER: UPW-SA1-030-730-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	732.0	0.0	732.0
	% Fixture	17.0	0.0	17.0
Street Side	Lumens	3570.0	0.0	3570.0
	% Fixture	83.0	0.0	83.0
Total	Lumens	4302.0	0.0	4302.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	1.7
10°-20°	185.8	4.3
20°-30°	273.3	6.4
30°-40°	375.5	8.7
40°-50°	560.9	13.0
50°-60°	854.8	19.9
60°-70°	1095.6	25.5
70°-80°	757.3	17.6
80°-90°	126.0	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°	4302.0	100.0
0°-180°	4302.0	100.0



REPORT NUMBER: P1207801

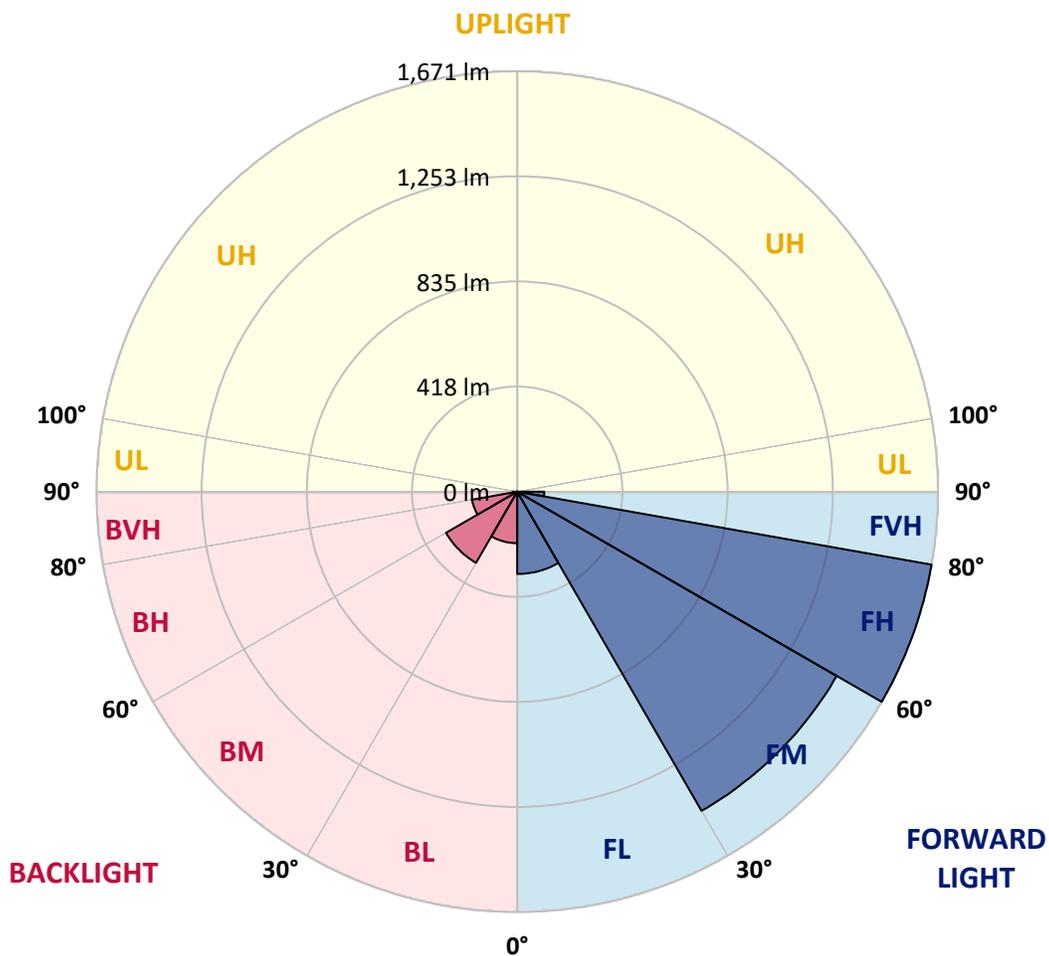
CATALOG NUMBER: UPW-SA1-030-730-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	327.1	7.6			
FM	(30°-60°)	1464.7	34.0			
FH	(60°-80°)	1670.7	38.8			G1/1800
FVH	(80°-90°)	107.5	2.5			G2/225
BL	(0°-30°)	204.8	4.8	B1/500		
BM	(30°-60°)	326.5	7.6	B1/1000		
BH	(60°-80°)	182.2	4.2	B1/500		G1/500
BVH	(80°-90°)	18.5	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: P1207801

CATALOG NUMBER: UPW-SA1-030-730-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0
2.5°	844.6	842.2	843.4	845.2	840.4	841.0	835.0	830.2	826.7	824.3	818.9
5°	865.4	859.5	861.9	867.2	861.9	866.6	860.1	856.5	850.5	846.9	835.0
7.5°	848.1	844.0	849.9	863.6	870.2	882.7	883.9	881.5	879.2	871.4	856.5
10°	768.2	765.8	781.3	817.7	848.1	878.6	898.8	898.8	900.0	894.7	876.8
12.5°	666.8	665.0	685.3	730.0	789.7	859.5	907.8	913.1	922.7	920.9	898.2
15°	599.4	598.2	614.3	650.1	711.6	810.6	906.6	924.5	944.2	948.3	920.3
17.5°	564.8	564.8	576.2	603.6	645.9	742.6	880.3	919.7	959.7	979.4	945.4
20°	555.3	554.1	560.7	577.4	606.6	681.7	841.0	903.0	971.6	1004.4	961.5
22.5°	560.1	558.9	561.2	569.6	586.3	641.2	798.6	878.0	978.2	1026.5	975.8
25°	583.3	582.1	579.1	578.5	582.1	622.1	755.7	849.9	984.7	1058.1	993.1
27.5°	628.6	625.1	614.9	605.4	595.8	617.9	728.3	824.9	993.1	1084.3	1003.8
30°	687.1	685.9	673.4	655.5	623.9	627.5	711.0	801.6	993.1	1104.6	1003.2
32.5°	730.0	730.6	728.3	717.5	672.8	648.9	704.4	782.5	991.3	1132.6	1005.6
35°	775.4	775.4	769.4	769.4	740.2	690.7	713.9	780.7	1001.4	1179.2	1022.9
37.5°	852.3	851.1	838.6	826.1	804.6	758.1	742.0	798.0	1029.5	1253.7	1046.2
40°	953.7	956.1	930.4	895.9	870.8	836.2	794.5	842.2	1073.0	1342.6	1076.0
42.5°	1076.0	1082.5	1042.6	994.9	951.3	906.0	867.8	912.6	1149.9	1469.0	1127.3
45°	1226.3	1219.7	1169.6	1105.8	1048.5	971.6	948.3	1003.8	1250.1	1640.2	1206.0
47.5°	1356.9	1360.5	1299.0	1229.3	1158.3	1051.5	1050.3	1137.4	1382.5	1815.6	1296.7
50°	1483.9	1494.7	1426.7	1353.3	1277.6	1141.0	1179.2	1269.8	1524.5	1994.5	1408.8
52.5°	1583.5	1590.7	1527.5	1464.3	1389.1	1259.1	1331.3	1439.8	1668.2	2165.7	1537.6
55°	1662.3	1672.4	1601.4	1549.0	1491.7	1387.9	1505.4	1607.4	1817.4	2324.9	1669.4
57.5°	1769.0	1775.0	1685.5	1639.6	1585.9	1534.6	1696.9	1795.9	1977.2	2460.3	1806.0
60°	1850.8	1854.3	1761.9	1747.6	1746.4	1736.8	1909.8	1998.1	2127.5	2586.8	1945.6
62.5°	1779.8	1779.8	1716.0	1755.9	1900.9	2069.0	2205.0	2231.3	2282.6	2709.6	2079.8
65°	1410.0	1424.3	1431.5	1565.7	1889.5	2409.0	2694.7	2579.0	2476.4	2822.4	2189.5
67.5°	740.2	768.8	835.0	1066.4	1557.9	2533.1	3322.2	3168.9	2751.4	2898.1	2232.5
70°	376.9	385.3	419.9	549.3	980.5	2206.8	3694.9	3703.9	3079.4	2930.9	2201.5
72.5°	286.3	286.3	294.0	319.7	453.3	1472.0	3548.8	3810.7	3314.4	2864.7	2055.3
75°	238.6	241.6	257.1	260.6	229.0	764.0	2878.4	3306.1	3064.5	2621.9	1795.3
77.5°	191.5	193.2	217.7	232.0	154.5	326.8	2098.9	2580.2	2363.1	2119.2	1264.5
80°	144.3	147.3	169.4	198.6	114.5	156.9	1414.2	1764.9	1478.6	1299.0	583.9
82.5°	96.6	97.8	115.7	156.9	84.7	87.1	833.2	988.9	718.7	486.7	153.3
85°	59.0	60.2	72.2	101.4	56.1	46.5	369.8	382.3	227.2	115.7	54.9
87.5°	26.8	29.8	37.6	48.9	28.0	19.1	62.0	60.8	44.7	41.8	23.3
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: P1207801

CATALOG NUMBER: UPW-SA1-030-730-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0	810.0
2.5°	811.2	804.6	798.0	789.1	781.3	768.2	759.3	750.3	745.5	744.4	742.6
5°	825.5	814.1	795.1	770.0	742.6	711.6	682.3	656.7	639.4	634.0	636.4
7.5°	842.2	826.1	788.5	740.2	684.7	623.9	572.6	539.2	518.3	506.4	508.8
10°	857.1	833.8	774.2	693.1	598.2	521.9	481.3	458.1	447.3	446.1	445.5
12.5°	872.0	841.6	752.1	625.7	520.7	460.5	440.2	433.6	432.4	433.6	433.0
15°	889.3	845.8	714.5	555.9	465.8	434.8	428.2	426.5	427.1	430.0	429.4
17.5°	903.6	844.0	656.1	492.7	436.6	422.3	416.3	413.3	416.3	421.7	421.7
20°	908.4	826.7	588.7	448.5	420.5	408.6	400.2	395.4	399.0	405.6	406.8
22.5°	904.8	793.9	519.5	417.5	403.8	392.5	383.5	378.7	380.5	385.3	385.9
25°	899.4	750.9	458.7	393.7	382.3	373.4	371.0	365.0	362.0	365.0	365.6
27.5°	883.3	694.3	408.6	369.2	358.5	359.7	358.5	353.1	348.9	348.3	349.5
30°	847.5	615.5	371.0	344.1	340.6	347.1	347.1	339.4	331.6	330.4	332.2
32.5°	804.6	535.0	340.0	323.3	330.4	334.0	334.0	327.4	319.7	314.9	317.3
35°	762.2	458.7	316.1	309.0	322.7	325.7	322.7	320.3	307.8	295.8	298.8
37.5°	713.3	393.1	295.2	298.2	313.7	314.9	314.9	306.6	289.9	279.7	282.1
40°	660.3	343.5	277.9	288.7	304.2	304.2	299.4	294.0	285.7	275.6	276.7
42.5°	626.3	310.1	264.8	278.5	289.3	292.9	282.1	286.3	279.1	268.4	269.6
45°	621.5	289.3	254.1	263.0	272.6	271.4	272.0	275.0	268.4	254.1	253.5
47.5°	650.7	282.7	243.9	245.7	254.1	258.3	261.8	263.0	253.5	238.0	235.6
50°	715.7	294.0	233.8	230.2	237.4	246.9	250.5	252.3	241.0	224.9	222.5
52.5°	815.9	329.2	224.9	217.1	216.5	233.2	243.3	248.1	230.2	212.9	211.7
55°	926.9	376.9	212.9	205.8	199.2	222.5	237.4	242.8	220.1	197.4	195.6
57.5°	1045.0	433.6	199.2	194.4	186.7	212.3	226.6	230.8	204.6	178.9	177.7
60°	1168.4	484.3	186.1	181.9	177.7	198.6	213.5	214.7	190.3	164.6	163.4
62.5°	1280.0	518.9	173.6	168.8	168.8	182.5	198.0	196.8	175.4	151.5	150.3
65°	1362.3	514.7	162.2	156.3	158.7	165.2	178.9	174.8	159.2	139.0	137.8
67.5°	1395.7	470.6	151.5	144.9	145.5	147.3	158.7	155.7	143.1	126.4	125.8
70°	1361.1	391.3	137.8	129.4	128.2	128.8	140.2	134.8	125.8	115.1	114.5
72.5°	1257.9	328.0	122.3	115.1	112.7	110.9	120.5	118.1	111.5	102.6	103.2
75°	1102.8	283.3	105.6	100.8	96.6	94.8	102.6	101.4	96.6	90.7	90.7
77.5°	770.6	207.0	87.1	85.3	82.9	79.3	85.3	85.9	82.9	81.1	80.5
80°	334.0	115.7	68.6	69.8	66.8	64.4	69.2	69.8	72.2	69.8	70.4
82.5°	96.6	57.3	49.5	53.1	51.9	49.5	51.9	57.3	53.7	47.1	48.3
85°	35.8	27.4	31.0	33.4	31.6	25.1	32.8	37.6	34.0	31.6	32.2
87.5°	13.7	10.1	13.1	11.3	8.9	6.6	11.3	12.5	16.7	6.6	5.4
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)