

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: P1207859

Luminaire Tested: UPW-SA1-030-740-U-SLL

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1207859
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-030-740-U-SLL
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4780 lumens
Efficiency: N/A
Efficacy: 140.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
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

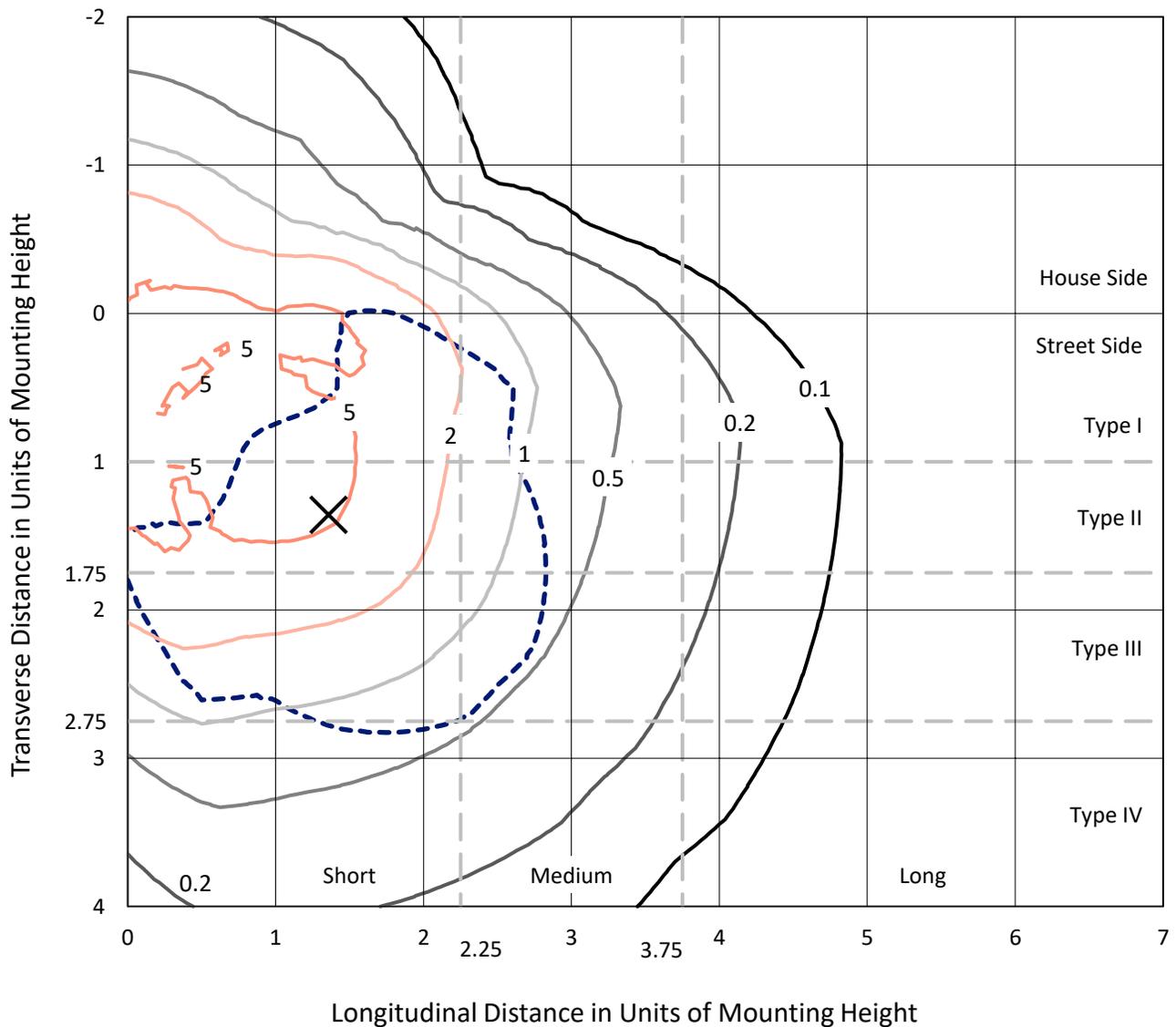


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

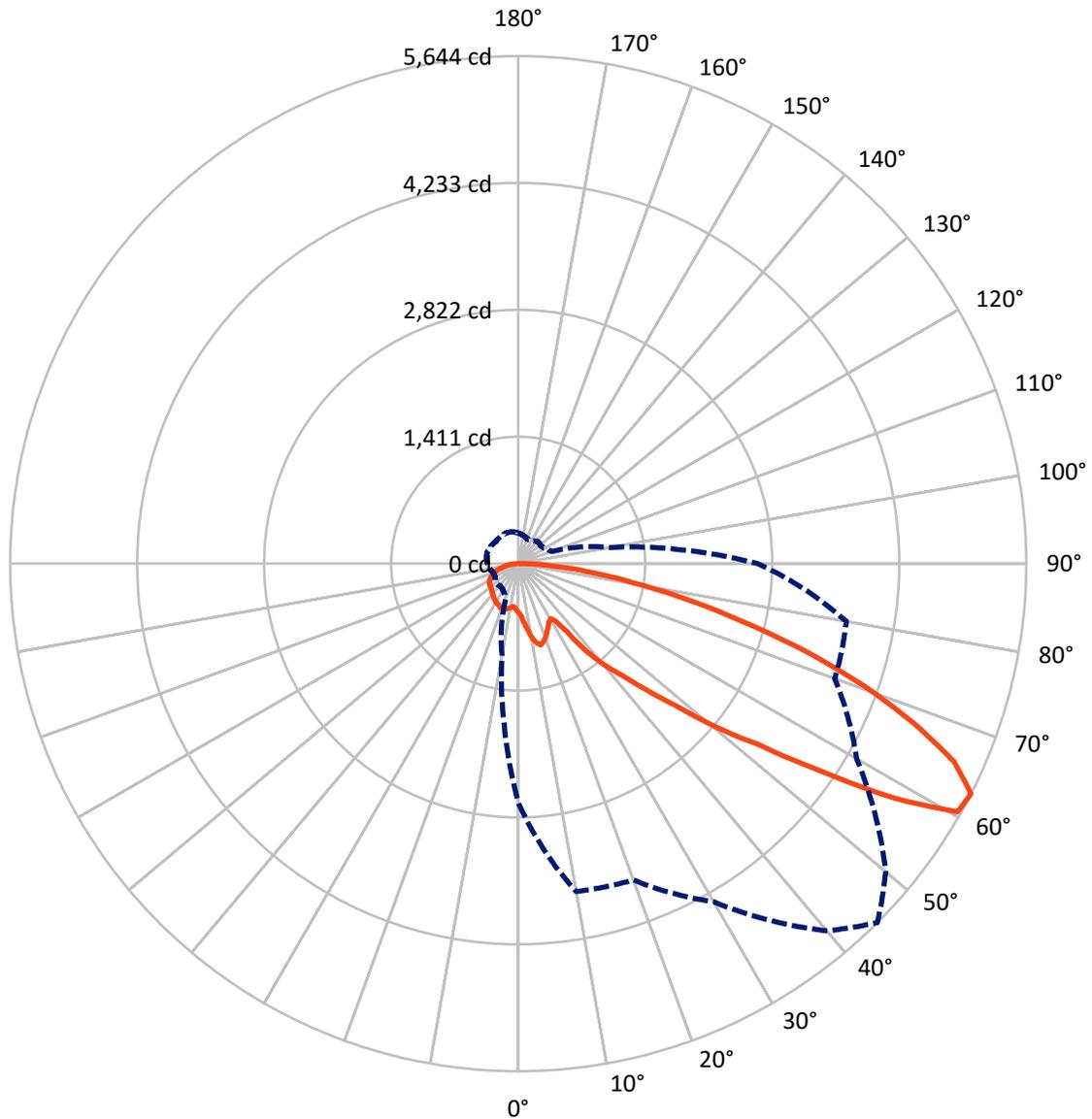


Based on 10 foot mounting height. Maximum calculated value = 8.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1171.4	0.0	1171.4
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	3608.6	0.0	3608.6
	% Fixture	75.5	0.0	75.5
Total	Lumens	4780.0	0.0	4780.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.4	1.1
10°-20°	183.4	3.8
20°-30°	298.3	6.2
30°-40°	406.8	8.5
40°-50°	616.0	12.9
50°-60°	1059.2	22.2
60°-70°	1242.2	26.0
70°-80°	740.9	15.5
80°-90°	179.0	3.7
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°	4780.0	100.0
0°-180°	4780.0	100.0



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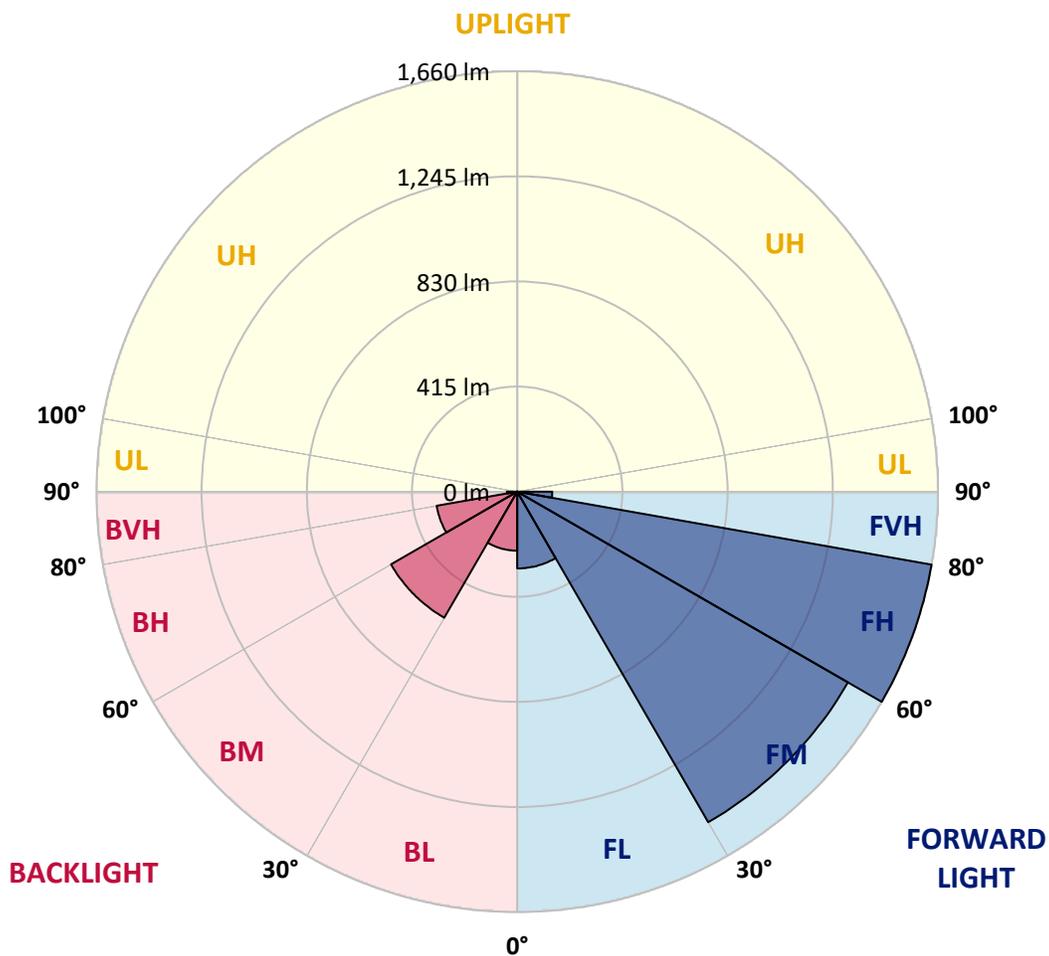
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	303.0	6.3			
FM	(30°-60°)	1507.1	31.5			
FH	(60°-80°)	1660.3	34.7			G1/1800
FVH	(80°-90°)	138.3	2.9			G2/225
BL	(0°-30°)	233.0	4.9	B1/500		
BM	(30°-60°)	574.9	12.0	B1/1000		
BH	(60°-80°)	322.8	6.8	B1/500		G1/500
BVH	(80°-90°)	40.7	0.9			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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	567.3	569.7	572.1	573.1	574.1	575.1	576.1	576.9	577.7	575.8	577.7
5°	606.8	614.3	621.8	628.3	634.7	639.6	644.5	646.9	649.4	653.3	649.4
7.5°	660.5	670.7	681.0	695.0	709.1	718.7	728.2	732.4	736.5	737.7	736.5
10°	699.5	725.7	751.9	767.4	783.0	794.4	805.8	815.6	825.4	836.5	825.4
12.5°	746.8	776.6	806.3	828.8	851.2	865.6	880.1	889.7	899.5	902.8	899.5
15°	793.5	826.1	858.5	879.6	900.6	911.9	923.1	927.9	932.7	938.6	932.7
17.5°	845.1	869.4	893.8	907.7	921.6	922.1	922.5	916.5	910.5	909.2	910.5
20°	881.7	901.8	922.0	922.3	922.5	910.5	898.5	888.0	877.6	872.9	877.6
22.5°	908.6	922.5	936.3	922.1	907.8	881.1	854.4	839.3	824.1	820.0	824.1
25°	945.2	947.4	949.5	920.5	891.6	854.3	817.0	797.6	778.1	773.5	778.1
27.5°	968.7	962.0	955.2	911.3	867.2	823.5	779.8	757.6	735.5	729.2	735.5
30°	1002.9	978.5	954.1	897.4	840.7	796.7	752.7	734.1	715.6	709.9	715.6
32.5°	1037.4	996.7	955.9	895.2	834.4	803.7	773.1	768.0	763.0	759.1	763.0
35°	1065.7	1020.0	974.2	928.5	882.7	887.4	892.1	908.5	925.0	924.7	925.0
37.5°	1115.4	1068.6	1021.8	1014.2	1006.7	1065.7	1124.7	1172.1	1219.4	1244.1	1219.4
40°	1184.6	1151.7	1118.8	1146.2	1173.6	1255.7	1337.7	1393.8	1449.9	1490.9	1449.9
42.5°	1281.0	1262.3	1243.6	1277.8	1312.1	1402.1	1492.1	1568.6	1645.0	1702.4	1645.0
45°	1446.3	1427.0	1407.7	1424.0	1440.3	1553.0	1665.7	1785.5	1905.2	2006.4	1905.2
47.5°	1723.0	1678.1	1633.3	1619.6	1605.9	1757.7	1909.6	2084.6	2259.7	2363.8	2259.7
50°	2088.9	2018.8	1948.7	1884.7	1820.8	2035.0	2249.3	2504.2	2759.2	2866.4	2759.2
52.5°	2425.5	2361.1	2296.7	2184.3	2071.8	2325.4	2579.0	2910.1	3241.1	3344.0	3241.1
55°	2717.4	2744.3	2771.2	2619.1	2467.0	2748.3	3029.6	3453.7	3877.7	4059.3	3877.7
57.5°	2927.9	3167.3	3406.8	3244.1	3081.6	3344.2	3606.8	4110.9	4615.0	4918.8	4615.0
60°	2891.8	3371.7	3851.6	3779.4	3707.2	3931.6	4155.9	4702.8	5249.8	5604.6	5249.8
62.5°	2656.8	3179.0	3701.4	3721.7	3742.1	4041.7	4341.3	4835.7	5330.2	5644.2	5330.2
65°	2364.6	2856.2	3347.7	3377.9	3408.1	3754.5	4100.9	4585.9	5070.9	5324.2	5070.9
67.5°	2028.6	2539.8	3051.0	3069.2	3087.5	3404.1	3720.7	4157.2	4593.8	4739.3	4593.8
70°	1739.6	2226.5	2713.5	2753.4	2793.3	3069.8	3346.2	3669.5	3992.7	4075.8	3992.7
72.5°	1394.8	1884.5	2374.3	2435.3	2496.3	2698.9	2901.4	3127.4	3353.4	3345.6	3353.4
75°	1026.2	1485.1	1944.2	2028.6	2113.0	2237.2	2361.4	2480.7	2600.1	2566.2	2600.1
77.5°	711.5	1082.7	1453.9	1543.3	1632.7	1720.3	1807.9	1892.1	1976.2	1923.1	1976.2
80°	392.4	656.8	921.4	1021.9	1122.6	1214.1	1305.6	1349.1	1392.5	1302.9	1392.5
82.5°	194.2	341.9	489.6	589.7	689.7	782.5	875.3	902.4	929.6	844.0	929.6
85°	76.4	150.5	224.6	299.4	374.0	447.1	520.2	523.0	525.8	464.2	525.8
87.5°	27.5	57.8	88.1	126.6	165.1	204.3	243.6	242.2	240.8	198.7	240.8
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	576.9	576.1	575.1	574.1	573.1	572.1	569.7	567.3	565.8	565.3	563.3
5°	646.9	644.5	639.6	634.7	628.3	621.8	614.3	606.8	602.4	596.3	587.5
7.5°	732.4	728.2	718.7	709.1	695.0	681.0	670.7	660.5	640.4	623.5	609.6
10°	815.6	805.8	794.4	783.0	767.4	751.9	725.7	699.5	682.9	663.2	639.5
12.5°	889.7	880.1	865.6	851.2	828.8	806.3	776.6	746.8	721.2	693.4	664.7
15°	927.9	923.1	911.9	900.6	879.6	858.5	826.1	793.5	762.4	727.3	689.6
17.5°	916.5	922.5	922.1	921.6	907.7	893.8	869.4	845.1	799.5	754.5	709.9
20°	888.0	898.5	910.5	922.5	922.3	922.0	901.8	881.7	835.7	787.0	732.8
22.5°	839.3	854.4	881.1	907.8	922.1	936.3	922.5	908.6	860.6	808.2	745.5
25°	797.6	817.0	854.3	891.6	920.5	949.5	947.4	945.2	887.8	826.5	753.5
27.5°	757.6	779.8	823.5	867.2	911.3	955.2	962.0	968.7	917.0	857.9	775.7
30°	734.1	752.7	796.7	840.7	897.4	954.1	978.5	1002.9	949.7	886.7	794.6
32.5°	768.0	773.1	803.7	834.4	895.2	955.9	996.7	1037.4	980.0	911.4	806.9
35°	908.5	892.1	887.4	882.7	928.5	974.2	1020.0	1065.7	1009.3	937.0	818.2
37.5°	1172.1	1124.7	1065.7	1006.7	1014.2	1021.8	1068.6	1115.4	1048.0	962.1	826.9
40°	1393.8	1337.7	1255.7	1173.6	1146.2	1118.8	1151.7	1184.6	1110.4	1007.0	846.8
42.5°	1568.6	1492.1	1402.1	1312.1	1277.8	1243.6	1262.3	1281.0	1178.8	1048.7	865.7
45°	1785.5	1665.7	1553.0	1440.3	1424.0	1407.7	1427.0	1446.3	1289.3	1106.6	891.6
47.5°	2084.6	1909.6	1757.7	1605.9	1619.6	1633.3	1678.1	1723.0	1474.4	1199.7	933.0
50°	2504.2	2249.3	2035.0	1820.8	1884.7	1948.7	2018.8	2088.9	1739.3	1348.7	1006.0
52.5°	2910.1	2579.0	2325.4	2071.8	2184.3	2296.7	2361.1	2425.5	1970.3	1469.3	1062.0
55°	3453.7	3029.6	2748.3	2467.0	2619.1	2771.2	2744.3	2717.4	2125.5	1518.6	1076.6
57.5°	4110.9	3606.8	3344.2	3081.6	3244.1	3406.8	3167.3	2927.9	2148.1	1427.8	1008.1
60°	4702.8	4155.9	3931.6	3707.2	3779.4	3851.6	3371.7	2891.8	2014.5	1228.2	858.9
62.5°	4835.7	4341.3	4041.7	3742.1	3721.7	3701.4	3179.0	2656.8	1793.5	1031.6	713.7
65°	4585.9	4100.9	3754.5	3408.1	3377.9	3347.7	2856.2	2364.6	1548.1	846.8	580.7
67.5°	4157.2	3720.7	3404.1	3087.5	3069.2	3051.0	2539.8	2028.6	1289.9	675.3	456.8
70°	3669.5	3346.2	3069.8	2793.3	2753.4	2713.5	2226.5	1739.6	1057.0	519.3	354.9
72.5°	3127.4	2901.4	2698.9	2496.3	2435.3	2374.3	1884.5	1394.8	815.6	380.3	267.7
75°	2480.7	2361.4	2237.2	2113.0	2028.6	1944.2	1485.1	1026.2	587.0	268.2	198.0
77.5°	1892.1	1807.9	1720.3	1632.7	1543.3	1453.9	1082.7	711.5	404.3	187.1	145.8
80°	1349.1	1305.6	1214.1	1122.6	1021.9	921.4	656.8	392.4	232.7	120.7	100.7
82.5°	902.4	875.3	782.5	689.7	589.7	489.6	341.9	194.2	124.1	76.0	67.8
85°	523.0	520.2	447.1	374.0	299.4	224.6	150.5	76.4	56.1	42.6	40.4
87.5°	242.2	243.6	204.3	165.1	126.6	88.1	57.8	27.5	21.4	17.7	17.0
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	561.3	557.7	554.2	551.7	549.1	546.2	541.6	539.2	536.9	534.6	532.3
5°	578.8	570.6	562.4	555.5	548.6	542.5	536.7	530.3	523.9	518.4	512.8
7.5°	595.6	582.4	569.2	559.0	548.9	539.3	529.8	522.3	514.7	508.5	502.4
10°	615.8	597.3	578.9	567.6	556.4	547.5	532.6	524.6	516.7	510.7	504.7
12.5°	636.1	612.8	589.6	573.2	556.9	544.6	538.3	534.7	531.0	526.7	522.3
15°	651.8	622.3	592.8	574.0	555.3	542.5	538.9	540.1	541.4	542.8	544.2
17.5°	665.2	626.8	588.4	566.3	544.3	531.8	537.6	541.9	546.0	552.5	558.9
20°	678.5	630.2	581.8	555.2	528.6	516.3	518.9	528.8	538.7	550.8	562.9
22.5°	682.7	625.4	568.1	538.0	507.9	495.7	506.2	518.4	530.6	543.2	555.8
25°	680.4	615.2	549.9	519.2	488.5	478.4	489.0	501.0	512.9	525.1	537.3
27.5°	693.5	617.7	541.9	507.9	473.8	462.9	473.2	483.2	493.3	504.0	514.7
30°	702.5	619.2	535.9	500.1	464.3	452.5	455.8	462.8	469.7	479.1	488.4
32.5°	702.3	612.1	521.8	488.2	454.6	443.9	447.2	450.1	453.0	459.7	466.3
35°	699.4	602.0	504.5	473.8	442.9	434.8	433.8	433.6	433.5	436.5	439.5
37.5°	691.8	587.0	482.1	452.7	423.3	417.5	415.2	413.4	411.4	413.4	415.3
40°	686.5	572.4	458.3	430.0	401.6	399.6	398.0	395.3	392.6	392.8	393.1
42.5°	682.7	560.4	438.0	410.8	383.7	379.8	375.5	374.2	373.0	372.3	371.5
45°	676.7	550.7	424.7	397.3	369.9	358.7	358.5	355.7	352.8	353.8	354.8
47.5°	666.2	540.6	415.1	390.3	365.5	347.8	341.1	339.6	338.1	339.7	341.3
50°	663.3	537.0	410.7	387.9	365.3	339.2	326.7	325.8	324.9	329.5	334.0
52.5°	654.6	527.7	400.7	383.2	365.6	339.7	322.8	320.5	318.1	324.8	331.5
55°	634.6	508.6	382.7	376.3	369.8	354.4	324.8	317.1	309.6	317.7	325.9
57.5°	588.4	480.2	371.9	367.8	363.8	364.0	330.6	316.0	301.5	309.6	317.6
60°	489.4	426.8	364.2	352.0	339.7	351.5	331.7	314.8	298.0	302.6	307.3
62.5°	395.8	366.1	336.4	326.7	316.9	330.7	323.6	309.3	295.0	294.4	293.9
65°	314.5	308.7	302.8	300.6	298.5	302.1	306.1	296.7	287.4	283.2	279.1
67.5°	238.4	243.6	248.9	259.3	269.7	271.1	280.4	275.3	270.2	267.0	263.8
70°	190.4	197.6	204.9	220.2	235.6	243.1	251.4	252.1	252.8	250.4	248.0
72.5°	155.2	161.4	167.7	185.1	202.5	218.7	227.8	227.8	227.8	226.7	225.5
75°	127.8	132.4	137.0	153.1	169.2	189.9	199.3	200.2	201.1	200.4	199.7
77.5°	104.6	106.8	109.1	123.7	138.4	162.7	172.4	174.6	176.8	176.0	175.1
80°	80.7	82.2	83.8	95.9	108.2	129.8	141.2	144.4	147.5	147.3	147.0
82.5°	59.6	60.4	61.3	70.6	79.9	95.4	107.6	112.6	117.5	121.2	124.7
85°	38.2	38.7	39.1	44.9	50.7	60.4	72.8	81.9	91.1	97.8	104.4
87.5°	16.1	15.6	15.1	18.1	20.9	26.2	41.2	50.6	59.9	63.4	66.8
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	530.2	528.0	526.4	524.8	521.7	518.6	516.8	515.1	514.5	513.9	515.2
5°	509.3	505.9	502.1	498.4	495.5	492.6	490.4	488.1	487.2	486.2	486.5
7.5°	497.4	492.4	488.8	485.3	484.6	484.0	482.5	481.0	480.9	480.8	481.2
10°	500.1	495.6	493.1	490.6	489.8	489.0	489.0	488.9	490.4	491.9	493.1
12.5°	517.7	513.2	513.4	513.6	509.7	505.9	504.9	503.8	505.8	507.6	508.3
15°	543.0	541.8	537.3	532.8	528.3	523.6	522.1	520.6	520.4	520.3	519.7
17.5°	561.5	564.2	559.0	553.7	546.3	538.9	535.4	531.9	530.4	528.8	528.1
20°	567.4	571.8	566.8	561.7	553.4	545.1	539.6	534.2	533.4	532.6	532.5
22.5°	559.8	563.7	560.8	558.0	549.0	540.1	534.1	528.2	525.7	523.2	524.3
25°	542.8	548.3	547.6	547.0	537.7	528.4	521.9	515.4	514.2	512.9	512.6
27.5°	520.9	527.1	528.0	528.8	521.9	515.0	508.9	502.8	501.7	500.6	502.0
30°	494.8	501.2	503.4	505.6	501.2	496.8	492.6	488.5	488.7	488.9	491.0
32.5°	472.4	478.5	481.9	485.3	484.6	483.9	482.3	480.7	478.5	476.4	477.1
35°	445.0	450.6	457.2	463.7	464.5	465.4	466.0	466.6	466.6	466.6	468.4
37.5°	420.1	424.9	431.7	438.6	443.4	448.3	450.5	452.7	454.5	456.2	456.9
40°	397.4	401.7	408.1	414.5	423.6	432.6	437.5	442.6	442.8	442.9	441.9
42.5°	375.2	378.8	388.6	398.2	408.3	418.4	422.8	427.2	429.2	431.1	431.6
45°	359.5	364.0	372.4	380.9	392.4	403.9	409.5	415.0	415.9	416.9	416.7
47.5°	346.0	350.7	361.0	371.3	382.5	393.8	399.6	405.4	406.3	407.2	407.8
50°	339.3	344.7	353.6	362.4	374.5	386.5	394.5	402.5	402.2	402.0	399.8
52.5°	335.5	339.6	348.0	356.3	369.4	382.6	390.4	398.1	398.8	399.5	398.2
55°	330.8	335.7	345.0	354.2	365.9	377.6	385.0	392.5	393.3	394.1	391.8
57.5°	326.1	334.7	344.0	353.4	365.3	377.2	383.7	390.1	388.6	387.2	385.4
60°	319.5	331.7	340.5	349.4	360.5	371.5	376.0	380.3	378.6	376.9	372.9
62.5°	307.0	320.1	330.2	340.3	350.4	360.5	363.6	366.7	365.1	363.4	358.9
65°	290.6	302.2	313.0	323.7	332.0	340.4	344.2	348.0	345.3	342.5	338.1
67.5°	275.1	286.3	294.6	302.9	311.2	319.4	322.6	325.7	322.7	319.7	313.8
70°	256.3	264.5	275.2	285.8	290.4	295.0	296.7	298.5	295.6	292.7	289.0
72.5°	233.7	241.9	248.9	255.9	260.2	264.5	266.6	268.6	265.4	262.2	257.2
75°	206.7	213.7	220.1	226.5	231.2	235.8	237.1	238.2	234.2	230.2	225.0
77.5°	179.4	183.7	186.4	189.1	194.4	199.8	200.8	201.8	198.8	195.8	190.9
80°	149.0	151.1	151.8	152.5	156.5	160.4	161.4	162.5	161.1	159.6	155.6
82.5°	126.1	127.4	121.5	115.7	118.8	121.9	124.4	126.7	126.1	125.4	122.1
85°	100.5	96.6	81.4	66.2	72.2	78.3	82.3	86.3	87.0	87.6	85.3
87.5°	61.5	56.2	45.1	33.9	38.8	43.7	47.6	51.7	49.1	46.5	41.1
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	516.4	518.2	516.4	515.2	513.9	514.5	515.1	516.8	518.6	521.7	524.8
5°	486.7	486.6	486.7	486.5	486.2	487.2	488.1	490.4	492.6	495.5	498.4
7.5°	481.6	479.7	481.6	481.2	480.8	480.9	481.0	482.5	484.0	484.6	485.3
10°	494.4	493.6	494.4	493.1	491.9	490.4	488.9	489.0	489.0	489.8	490.6
12.5°	509.0	507.5	509.0	508.3	507.6	505.8	503.8	504.9	505.9	509.7	513.6
15°	519.0	518.2	519.0	519.7	520.3	520.4	520.6	522.1	523.6	528.3	532.8
17.5°	527.3	528.3	527.3	528.1	528.8	530.4	531.9	535.4	538.9	546.3	553.7
20°	532.5	532.0	532.5	532.5	532.6	533.4	534.2	539.6	545.1	553.4	561.7
22.5°	525.4	528.8	525.4	524.3	523.2	525.7	528.2	534.1	540.1	549.0	558.0
25°	512.3	510.7	512.3	512.6	512.9	514.2	515.4	521.9	528.4	537.7	547.0
27.5°	503.3	504.3	503.3	502.0	500.6	501.7	502.8	508.9	515.0	521.9	528.8
30°	493.1	496.8	493.1	491.0	488.9	488.7	488.5	492.6	496.8	501.2	505.6
32.5°	477.8	480.8	477.8	477.1	476.4	478.5	480.7	482.3	483.9	484.6	485.3
35°	470.1	473.8	470.1	468.4	466.6	466.6	466.6	466.0	465.4	464.5	463.7
37.5°	457.7	457.8	457.7	456.9	456.2	454.5	452.7	450.5	448.3	443.4	438.6
40°	440.8	441.2	440.8	441.9	442.9	442.8	442.6	437.5	432.6	423.6	414.5
42.5°	432.0	433.2	432.0	431.6	431.1	429.2	427.2	422.8	418.4	408.3	398.2
45°	416.4	415.1	416.4	416.7	416.9	415.9	415.0	409.5	403.9	392.4	380.9
47.5°	408.5	409.7	408.5	407.8	407.2	406.3	405.4	399.6	393.8	382.5	371.3
50°	397.7	396.9	397.7	399.8	402.0	402.2	402.5	394.5	386.5	374.5	362.4
52.5°	397.0	397.4	397.0	398.2	399.5	398.8	398.1	390.4	382.6	369.4	356.3
55°	389.4	387.8	389.4	391.8	394.1	393.3	392.5	385.0	377.6	365.9	354.2
57.5°	383.5	384.1	383.5	385.4	387.2	388.6	390.1	383.7	377.2	365.3	353.4
60°	369.0	365.9	369.0	372.9	376.9	378.6	380.3	376.0	371.5	360.5	349.4
62.5°	354.4	348.8	354.4	358.9	363.4	365.1	366.7	363.6	360.5	350.4	340.3
65°	333.6	330.7	333.6	338.1	342.5	345.3	348.0	344.2	340.4	332.0	323.7
67.5°	308.0	303.4	308.0	313.8	319.7	322.7	325.7	322.6	319.4	311.2	302.9
70°	285.3	282.0	285.3	289.0	292.7	295.6	298.5	296.7	295.0	290.4	285.8
72.5°	252.1	248.9	252.1	257.2	262.2	265.4	268.6	266.6	264.5	260.2	255.9
75°	219.8	215.3	219.8	225.0	230.2	234.2	238.2	237.1	235.8	231.2	226.5
77.5°	186.0	181.6	186.0	190.9	195.8	198.8	201.8	200.8	199.8	194.4	189.1
80°	151.6	145.8	151.6	155.6	159.6	161.1	162.5	161.4	160.4	156.5	152.5
82.5°	118.7	113.8	118.7	122.1	125.4	126.1	126.7	124.4	121.9	118.8	115.7
85°	82.9	79.1	82.9	85.3	87.6	87.0	86.3	82.3	78.3	72.2	66.2
87.5°	35.8	29.9	35.8	41.1	46.5	49.1	51.7	47.6	43.7	38.8	33.9
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	526.4	528.0	530.2	532.3	534.6	536.9	539.2	541.6	546.2	549.1	551.7
5°	502.1	505.9	509.3	512.8	518.4	523.9	530.3	536.7	542.5	548.6	555.5
7.5°	488.8	492.4	497.4	502.4	508.5	514.7	522.3	529.8	539.3	548.9	559.0
10°	493.1	495.6	500.1	504.7	510.7	516.7	524.6	532.6	547.5	556.4	567.6
12.5°	513.4	513.2	517.7	522.3	526.7	531.0	534.7	538.3	544.6	556.9	573.2
15°	537.3	541.8	543.0	544.2	542.8	541.4	540.1	538.9	542.5	555.3	574.0
17.5°	559.0	564.2	561.5	558.9	552.5	546.0	541.9	537.6	531.8	544.3	566.3
20°	566.8	571.8	567.4	562.9	550.8	538.7	528.8	518.9	516.3	528.6	555.2
22.5°	560.8	563.7	559.8	555.8	543.2	530.6	518.4	506.2	495.7	507.9	538.0
25°	547.6	548.3	542.8	537.3	525.1	512.9	501.0	489.0	478.4	488.5	519.2
27.5°	528.0	527.1	520.9	514.7	504.0	493.3	483.2	473.2	462.9	473.8	507.9
30°	503.4	501.2	494.8	488.4	479.1	469.7	462.8	455.8	452.5	464.3	500.1
32.5°	481.9	478.5	472.4	466.3	459.7	453.0	450.1	447.2	443.9	454.6	488.2
35°	457.2	450.6	445.0	439.5	436.5	433.5	433.6	433.8	434.8	442.9	473.8
37.5°	431.7	424.9	420.1	415.3	413.4	411.4	413.4	415.2	417.5	423.3	452.7
40°	408.1	401.7	397.4	393.1	392.8	392.6	395.3	398.0	399.6	401.6	430.0
42.5°	388.6	378.8	375.2	371.5	372.3	373.0	374.2	375.5	379.8	383.7	410.8
45°	372.4	364.0	359.5	354.8	353.8	352.8	355.7	358.5	358.7	369.9	397.3
47.5°	361.0	350.7	346.0	341.3	339.7	338.1	339.6	341.1	347.8	365.5	390.3
50°	353.6	344.7	339.3	334.0	329.5	324.9	325.8	326.7	339.2	365.3	387.9
52.5°	348.0	339.6	335.5	331.5	324.8	318.1	320.5	322.8	339.7	365.6	383.2
55°	345.0	335.7	330.8	325.9	317.7	309.6	317.1	324.8	354.4	369.8	376.3
57.5°	344.0	334.7	326.1	317.6	309.6	301.5	316.0	330.6	364.0	363.8	367.8
60°	340.5	331.7	319.5	307.3	302.6	298.0	314.8	331.7	351.5	339.7	352.0
62.5°	330.2	320.1	307.0	293.9	294.4	295.0	309.3	323.6	330.7	316.9	326.7
65°	313.0	302.2	290.6	279.1	283.2	287.4	296.7	306.1	302.1	298.5	300.6
67.5°	294.6	286.3	275.1	263.8	267.0	270.2	275.3	280.4	271.1	269.7	259.3
70°	275.2	264.5	256.3	248.0	250.4	252.8	252.1	251.4	243.1	235.6	220.2
72.5°	248.9	241.9	233.7	225.5	226.7	227.8	227.8	227.8	218.7	202.5	185.1
75°	220.1	213.7	206.7	199.7	200.4	201.1	200.2	199.3	189.9	169.2	153.1
77.5°	186.4	183.7	179.4	175.1	176.0	176.8	174.6	172.4	162.7	138.4	123.7
80°	151.8	151.1	149.0	147.0	147.3	147.5	144.4	141.2	129.8	108.2	95.9
82.5°	121.5	127.4	126.1	124.7	121.2	117.5	112.6	107.6	95.4	79.9	70.6
85°	81.4	96.6	100.5	104.4	97.8	91.1	81.9	72.8	60.4	50.7	44.9
87.5°	45.1	56.2	61.5	66.8	63.4	59.9	50.6	41.2	26.2	20.9	18.1
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: P1207859

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	544.3	544.3	544.3	544.3	544.3	544.3	544.3
2.5°	554.2	557.7	561.3	563.3	565.3	565.8	567.3
5°	562.4	570.6	578.8	587.5	596.3	602.4	606.8
7.5°	569.2	582.4	595.6	609.6	623.5	640.4	660.5
10°	578.9	597.3	615.8	639.5	663.2	682.9	699.5
12.5°	589.6	612.8	636.1	664.7	693.4	721.2	746.8
15°	592.8	622.3	651.8	689.6	727.3	762.4	793.5
17.5°	588.4	626.8	665.2	709.9	754.5	799.5	845.1
20°	581.8	630.2	678.5	732.8	787.0	835.7	881.7
22.5°	568.1	625.4	682.7	745.5	808.2	860.6	908.6
25°	549.9	615.2	680.4	753.5	826.5	887.8	945.2
27.5°	541.9	617.7	693.5	775.7	857.9	917.0	968.7
30°	535.9	619.2	702.5	794.6	886.7	949.7	1002.9
32.5°	521.8	612.1	702.3	806.9	911.4	980.0	1037.4
35°	504.5	602.0	699.4	818.2	937.0	1009.3	1065.7
37.5°	482.1	587.0	691.8	826.9	962.1	1048.0	1115.4
40°	458.3	572.4	686.5	846.8	1007.0	1110.4	1184.6
42.5°	438.0	560.4	682.7	865.7	1048.7	1178.8	1281.0
45°	424.7	550.7	676.7	891.6	1106.6	1289.3	1446.3
47.5°	415.1	540.6	666.2	933.0	1199.7	1474.4	1723.0
50°	410.7	537.0	663.3	1006.0	1348.7	1739.3	2088.9
52.5°	400.7	527.7	654.6	1062.0	1469.3	1970.3	2425.5
55°	382.7	508.6	634.6	1076.6	1518.6	2125.5	2717.4
57.5°	371.9	480.2	588.4	1008.1	1427.8	2148.1	2927.9
60°	364.2	426.8	489.4	858.9	1228.2	2014.5	2891.8
62.5°	336.4	366.1	395.8	713.7	1031.6	1793.5	2656.8
65°	302.8	308.7	314.5	580.7	846.8	1548.1	2364.6
67.5°	248.9	243.6	238.4	456.8	675.3	1289.9	2028.6
70°	204.9	197.6	190.4	354.9	519.3	1057.0	1739.6
72.5°	167.7	161.4	155.2	267.7	380.3	815.6	1394.8
75°	137.0	132.4	127.8	198.0	268.2	587.0	1026.2
77.5°	109.1	106.8	104.6	145.8	187.1	404.3	711.5
80°	83.8	82.2	80.7	100.7	120.7	232.7	392.4
82.5°	61.3	60.4	59.6	67.8	76.0	124.1	194.2
85°	39.1	38.7	38.2	40.4	42.6	56.1	76.4
87.5°	15.1	15.6	16.1	17.0	17.7	21.4	27.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)