

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: P1208752

Luminaire Tested: UPW-SA2-070-727-U-SLR

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208752
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/19/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA2-070-727-U-SLR
Description: UNDERPASS WALL MOUNT LUMINAIRE
(2) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR
RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7812 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 66
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

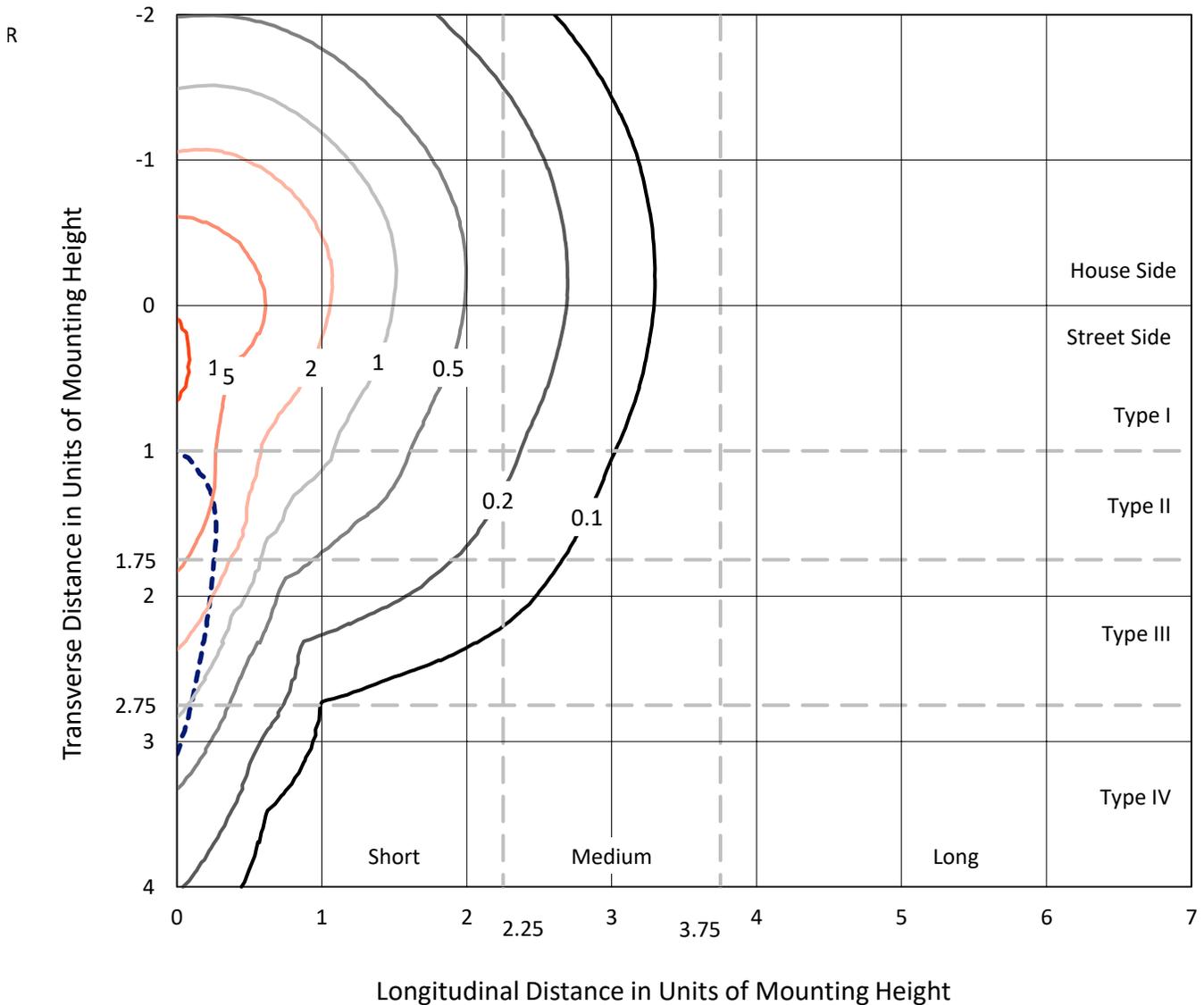


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

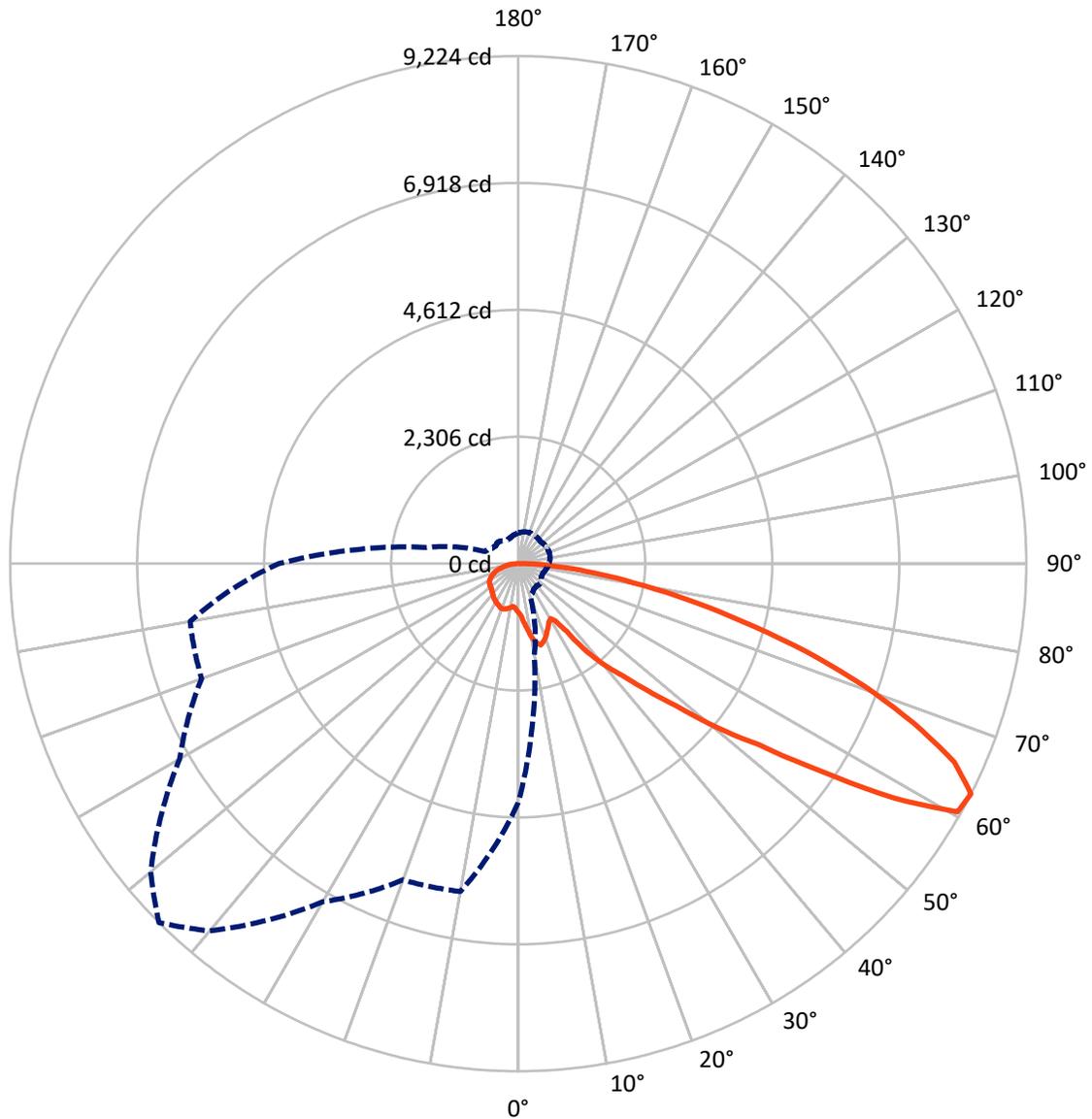


Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1914.5	0.0	1914.5
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	5897.5	0.0	5897.5
	% Fixture	75.5	0.0	75.5
Total	Lumens	7812.0	0.0	7812.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.9	1.1
10°-20°	299.7	3.8
20°-30°	487.4	6.2
30°-40°	664.8	8.5
40°-50°	1006.7	12.9
50°-60°	1731.1	22.2
60°-70°	2030.1	26.0
70°-80°	1210.8	15.5
80°-90°	292.5	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°	7812.0	100.0
0°-180°	7812.0	100.0



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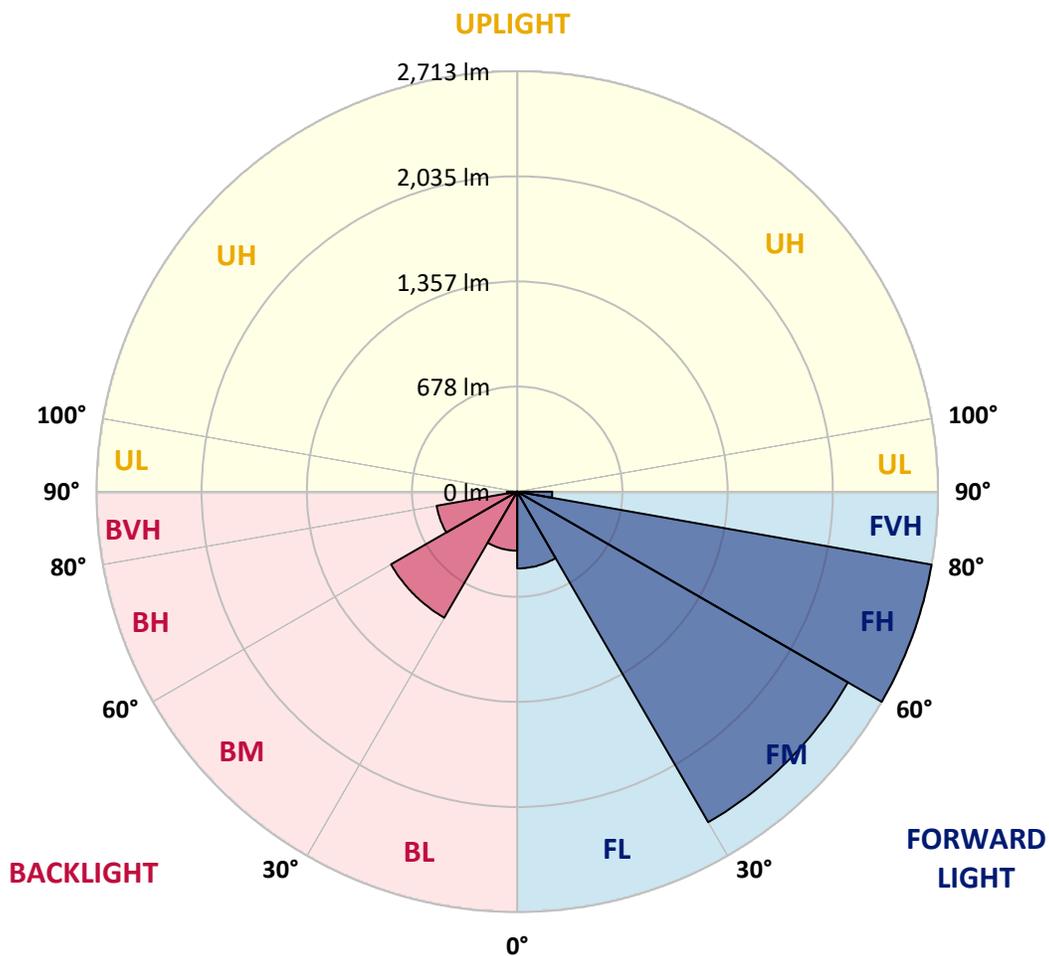
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.2	6.3			
FM	(30°-60°)	2463.0	31.5			
FH	(60°-80°)	2713.4	34.7			G2/5000
FVH	(80°-90°)	226.0	2.9			G3/500
BL	(0°-30°)	380.8	4.9	B1/500		
BM	(30°-60°)	939.6	12.0	B1/1000		
BH	(60°-80°)	527.5	6.8	B2/1000		G2/1000
BVH	(80°-90°)	66.5	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	927.1	924.7	923.8	920.6	917.4	911.5	905.8	901.7	897.5	892.7	885.1
5°	991.8	984.5	974.5	960.2	945.9	932.5	919.1	907.9	896.6	886.6	877.2
7.5°	1079.5	1046.7	1019.0	996.2	973.4	951.8	930.2	913.6	897.0	881.3	865.9
10°	1143.2	1116.1	1083.9	1045.1	1006.4	976.2	946.2	927.7	909.3	894.8	870.4
12.5°	1220.5	1178.7	1133.2	1086.4	1039.6	1001.5	963.6	936.8	910.1	890.0	879.8
15°	1296.9	1246.0	1188.6	1127.0	1065.3	1017.1	968.9	938.1	907.5	886.6	880.7
17.5°	1381.1	1306.6	1233.1	1160.2	1087.1	1024.4	961.6	925.6	889.6	869.1	878.6
20°	1440.9	1365.8	1286.1	1197.6	1108.9	1030.0	950.9	907.4	863.9	843.8	848.1
22.5°	1485.0	1406.5	1320.9	1218.3	1115.7	1022.1	928.5	879.2	830.1	810.2	827.4
25°	1544.8	1450.9	1350.7	1231.4	1112.1	1005.4	898.8	848.6	798.4	781.8	799.3
27.5°	1583.2	1498.6	1402.1	1267.7	1133.4	1009.6	885.7	830.1	774.4	756.5	773.3
30°	1639.1	1552.1	1449.2	1298.6	1148.0	1011.9	875.8	817.3	758.8	739.4	744.9
32.5°	1695.4	1601.6	1489.5	1318.7	1147.8	1000.3	852.8	797.9	742.9	725.5	730.9
35°	1741.7	1649.5	1531.3	1337.1	1143.0	983.8	824.6	774.3	723.9	710.6	709.0
37.5°	1822.9	1712.7	1572.3	1351.4	1130.6	959.3	787.9	739.9	691.9	682.3	678.6
40°	1935.9	1814.7	1645.8	1383.9	1122.0	935.5	749.1	702.7	656.3	653.0	650.4
42.5°	2093.5	1926.5	1713.9	1414.8	1115.7	915.8	715.9	671.4	627.0	620.7	613.7
45°	2363.7	2107.1	1808.5	1457.2	1105.9	900.0	694.1	649.4	604.6	586.2	586.0
47.5°	2815.9	2409.6	1960.6	1524.7	1088.8	883.6	678.3	637.8	597.3	568.3	557.5
50°	3413.9	2842.6	2204.2	1644.1	1084.1	877.6	671.2	634.0	597.0	554.4	533.9
52.5°	3963.9	3220.1	2401.2	1735.6	1069.9	862.5	654.9	626.3	597.6	555.2	527.6
55°	4441.1	3473.7	2481.8	1759.5	1037.1	831.3	625.5	615.0	604.3	579.2	530.8
57.5°	4785.0	3510.7	2333.4	1647.5	961.6	784.8	607.8	601.2	594.5	595.0	540.2
60°	4726.1	3292.3	2007.2	1403.6	799.9	697.5	595.2	575.2	555.2	574.4	542.1
62.5°	4342.0	2931.1	1686.0	1166.4	646.9	598.4	549.8	533.9	517.9	540.4	528.9
65°	3864.4	2530.0	1383.9	949.0	514.0	504.4	494.8	491.3	487.8	493.7	500.2
67.5°	3315.3	2108.1	1103.7	746.6	389.5	398.2	406.8	423.8	440.7	443.1	458.3
70°	2843.0	1727.4	848.8	580.0	311.2	323.0	334.8	359.9	385.0	397.2	410.9
72.5°	2279.5	1332.9	621.6	437.6	253.6	263.8	274.1	302.5	330.9	357.5	372.3
75°	1677.1	959.3	438.3	323.5	208.8	216.4	223.9	250.2	276.6	310.4	325.7
77.5°	1162.9	660.7	305.7	238.3	170.9	174.6	178.3	202.2	226.1	265.8	281.8
80°	641.2	380.3	197.3	164.6	131.8	134.4	136.9	156.8	176.8	212.1	230.7
82.5°	317.3	202.8	124.1	110.8	97.3	98.7	100.2	115.3	130.5	155.8	175.8
85°	124.8	91.7	69.7	66.0	62.4	63.2	63.9	73.4	82.9	98.7	118.9
87.5°	45.0	34.9	29.0	27.8	26.4	25.5	24.6	29.5	34.2	42.8	67.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	881.2	877.4	873.7	870.0	866.5	863.0	860.4	857.7	852.6	847.5	844.6
5°	866.7	856.3	847.2	838.1	832.4	826.8	820.6	814.5	809.8	805.1	801.4
7.5°	853.6	841.2	831.1	821.1	812.9	804.8	798.9	793.1	792.0	791.0	788.5
10°	857.4	844.4	834.6	824.8	817.3	810.0	805.9	801.9	800.6	799.3	799.2
12.5°	873.8	867.8	860.7	853.6	846.1	838.8	839.1	839.4	833.0	826.8	825.1
15°	882.7	884.8	887.1	889.4	887.4	885.4	878.2	870.8	863.3	855.7	853.3
17.5°	885.6	892.4	902.9	913.4	917.7	922.1	913.5	904.9	892.8	880.7	874.9
20°	864.3	880.4	900.2	920.0	927.2	934.6	926.3	918.0	904.4	890.9	881.9
22.5°	847.3	867.1	887.8	908.4	914.8	921.2	916.6	911.9	897.3	882.6	872.9
25°	818.8	838.3	858.2	878.1	887.1	896.2	895.0	894.0	878.8	863.6	852.9
27.5°	789.7	806.2	823.7	841.2	851.3	861.5	862.9	864.3	852.9	841.6	831.6
30°	756.3	767.6	782.9	798.1	808.6	819.1	822.7	826.3	819.1	811.9	805.1
32.5°	735.6	740.3	751.2	762.1	772.1	782.1	787.6	793.1	791.9	790.8	788.2
35°	708.7	708.5	713.3	718.3	727.3	736.4	747.1	757.8	759.2	760.6	761.6
37.5°	675.5	672.4	675.6	678.8	686.6	694.5	705.6	716.7	724.7	732.6	736.3
40°	646.0	641.7	642.0	642.4	649.4	656.5	667.0	677.5	692.2	707.0	715.1
42.5°	611.6	609.5	608.4	607.2	613.2	619.1	635.0	650.8	667.3	683.7	691.0
45°	581.3	576.6	578.3	579.9	587.5	595.0	608.7	622.5	641.3	660.2	669.2
47.5°	555.1	552.6	555.2	557.9	565.5	573.1	590.0	606.7	625.2	643.6	653.1
50°	532.5	531.0	538.5	545.8	554.5	563.3	577.9	592.3	612.0	631.6	644.7
52.5°	523.7	519.9	530.8	541.7	548.3	555.1	568.7	582.3	603.8	625.3	638.0
55°	518.3	505.9	519.3	532.5	540.6	548.7	563.8	578.8	597.9	617.1	629.3
57.5°	516.5	492.8	505.9	519.0	533.0	546.9	562.2	577.5	597.1	616.5	627.0
60°	514.6	487.0	494.6	502.2	522.2	542.1	556.6	571.0	589.1	607.2	614.4
62.5°	505.5	482.1	481.2	480.3	501.8	523.1	539.6	556.1	572.6	589.1	594.2
65°	485.0	469.7	462.9	456.2	475.0	494.0	511.5	529.1	542.7	556.3	562.6
67.5°	450.0	441.6	436.3	431.1	449.5	467.9	481.5	495.0	508.5	522.1	527.2
70°	412.1	413.1	409.3	405.3	418.9	432.3	449.7	467.1	474.6	482.1	485.0
72.5°	372.3	372.3	370.5	368.6	381.9	395.3	406.7	418.2	425.2	432.3	435.6
75°	327.2	328.7	327.5	326.3	337.8	349.2	359.7	370.2	377.8	385.4	387.4
77.5°	285.4	289.0	287.6	286.2	293.2	300.1	304.6	309.0	317.8	326.5	328.2
80°	236.0	241.1	240.8	240.3	243.6	246.9	248.0	249.2	255.7	262.1	263.8
82.5°	183.9	192.1	198.0	203.9	206.0	208.2	198.6	189.0	194.2	199.2	203.2
85°	133.9	148.8	159.8	170.7	164.2	157.8	133.0	108.3	118.0	127.9	134.4
87.5°	82.7	98.0	103.5	109.1	100.5	91.8	73.7	55.4	63.4	71.4	77.9
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	841.8	840.8	839.8	841.9	844.0	846.8	844.0	841.9	839.8	840.8	841.8
5°	797.8	796.2	794.6	795.1	795.5	795.3	795.5	795.1	794.6	796.2	797.8
7.5°	786.2	785.9	785.7	786.4	787.0	784.0	787.0	786.4	785.7	785.9	786.2
10°	799.0	801.4	803.9	805.9	808.0	806.7	808.0	805.9	803.9	801.4	799.0
12.5°	823.4	826.6	829.5	830.7	831.8	829.4	831.8	830.7	829.5	826.6	823.4
15°	850.8	850.5	850.3	849.3	848.1	846.8	848.1	849.3	850.3	850.5	850.8
17.5°	869.4	866.8	864.3	863.1	861.8	863.4	861.8	863.1	864.3	866.8	869.4
20°	873.0	871.7	870.4	870.3	870.2	869.5	870.2	870.3	870.4	871.7	873.0
22.5°	863.2	859.1	855.1	856.9	858.6	864.3	858.6	856.9	855.1	859.1	863.2
25°	842.3	840.3	838.3	837.8	837.2	834.6	837.2	837.8	838.3	840.3	842.3
27.5°	821.7	819.9	818.2	820.5	822.6	824.1	822.6	820.5	818.2	819.9	821.7
30°	798.4	798.7	799.0	802.4	805.8	811.9	805.8	802.4	799.0	798.7	798.4
32.5°	785.5	782.1	778.6	779.7	780.9	785.7	780.9	779.7	778.6	782.1	785.5
35°	762.6	762.6	762.6	765.5	768.3	774.4	768.3	765.5	762.6	762.6	762.6
37.5°	739.9	742.8	745.6	746.8	748.0	748.2	748.0	746.8	745.6	742.8	739.9
40°	723.3	723.6	723.9	722.2	720.4	721.1	720.4	722.2	723.9	723.6	723.3
42.5°	698.2	701.4	704.5	705.3	706.1	708.0	706.1	705.3	704.5	701.4	698.2
45°	678.2	679.7	681.4	681.0	680.5	678.3	680.5	681.0	681.4	679.7	678.2
47.5°	662.6	664.0	665.4	666.6	667.7	669.6	667.7	666.6	665.4	664.0	662.6
50°	657.8	657.4	656.9	653.5	650.0	648.7	650.0	653.5	656.9	657.4	657.8
52.5°	650.6	651.7	652.8	650.8	648.8	649.5	648.8	650.8	652.8	651.7	650.6
55°	641.5	642.7	644.1	640.3	636.4	633.8	636.4	640.3	644.1	642.7	641.5
57.5°	637.5	635.1	632.8	629.8	626.8	627.7	626.8	629.8	632.8	635.1	637.5
60°	621.6	618.8	615.9	609.5	603.1	598.0	603.1	609.5	615.9	618.8	621.6
62.5°	599.3	596.6	593.8	586.6	579.2	570.1	579.2	586.6	593.8	596.6	599.3
65°	568.8	564.3	559.8	552.5	545.2	540.4	545.2	552.5	559.8	564.3	568.8
67.5°	532.4	527.4	522.5	512.9	503.3	495.9	503.3	512.9	522.5	527.4	532.4
70°	487.8	483.1	478.4	472.3	466.2	461.0	466.2	472.3	478.4	483.1	487.8
72.5°	439.0	433.7	428.5	420.3	412.1	406.8	412.1	420.3	428.5	433.7	439.0
75°	389.4	382.8	376.3	367.7	359.2	351.8	359.2	367.7	376.3	382.8	389.4
77.5°	329.8	324.9	320.0	312.0	304.0	296.8	304.0	312.0	320.0	324.9	329.8
80°	265.6	263.2	260.9	254.2	247.8	238.3	247.8	254.2	260.9	263.2	265.6
82.5°	207.1	206.0	205.0	199.5	194.0	186.0	194.0	199.5	205.0	206.0	207.1
85°	141.0	142.1	143.2	139.3	135.5	129.2	135.5	139.3	143.2	142.1	141.0
87.5°	84.5	80.2	76.0	67.2	58.5	48.9	58.5	67.2	76.0	80.2	84.5
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°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	844.6	847.5	852.6	857.7	860.4	863.0	866.5	870.0	873.7	877.4	881.2
5°	801.4	805.1	809.8	814.5	820.6	826.8	832.4	838.1	847.2	856.3	866.7
7.5°	788.5	791.0	792.0	793.1	798.9	804.8	812.9	821.1	831.1	841.2	853.6
10°	799.2	799.3	800.6	801.9	805.9	810.0	817.3	824.8	834.6	844.4	857.4
12.5°	825.1	826.8	833.0	839.4	839.1	838.8	846.1	853.6	860.7	867.8	873.8
15°	853.3	855.7	863.3	870.8	878.2	885.4	887.4	889.4	887.1	884.8	882.7
17.5°	874.9	880.7	892.8	904.9	913.5	922.1	917.7	913.4	902.9	892.4	885.6
20°	881.9	890.9	904.4	918.0	926.3	934.6	927.2	920.0	900.2	880.4	864.3
22.5°	872.9	882.6	897.3	911.9	916.6	921.2	914.8	908.4	887.8	867.1	847.3
25°	852.9	863.6	878.8	894.0	895.0	896.2	887.1	878.1	858.2	838.3	818.8
27.5°	831.6	841.6	852.9	864.3	862.9	861.5	851.3	841.2	823.7	806.2	789.7
30°	805.1	811.9	819.1	826.3	822.7	819.1	808.6	798.1	782.9	767.6	756.3
32.5°	788.2	790.8	791.9	793.1	787.6	782.1	772.1	762.1	751.2	740.3	735.6
35°	761.6	760.6	759.2	757.8	747.1	736.4	727.3	718.3	713.3	708.5	708.7
37.5°	736.3	732.6	724.7	716.7	705.6	694.5	686.6	678.8	675.6	672.4	675.5
40°	715.1	707.0	692.2	677.5	667.0	656.5	649.4	642.4	642.0	641.7	646.0
42.5°	691.0	683.7	667.3	650.8	635.0	619.1	613.2	607.2	608.4	609.5	611.6
45°	669.2	660.2	641.3	622.5	608.7	595.0	587.5	579.9	578.3	576.6	581.3
47.5°	653.1	643.6	625.2	606.7	590.0	573.1	565.5	557.9	555.2	552.6	555.1
50°	644.7	631.6	612.0	592.3	577.9	563.3	554.5	545.8	538.5	531.0	532.5
52.5°	638.0	625.3	603.8	582.3	568.7	555.1	548.3	541.7	530.8	519.9	523.7
55°	629.3	617.1	597.9	578.8	563.8	548.7	540.6	532.5	519.3	505.9	518.3
57.5°	627.0	616.5	597.1	577.5	562.2	546.9	533.0	519.0	505.9	492.8	516.5
60°	614.4	607.2	589.1	571.0	556.6	542.1	522.2	502.2	494.6	487.0	514.6
62.5°	594.2	589.1	572.6	556.1	539.6	523.1	501.8	480.3	481.2	482.1	505.5
65°	562.6	556.3	542.7	529.1	511.5	494.0	475.0	456.2	462.9	469.7	485.0
67.5°	527.2	522.1	508.5	495.0	481.5	467.9	449.5	431.1	436.3	441.6	450.0
70°	485.0	482.1	474.6	467.1	449.7	432.3	418.9	405.3	409.3	413.1	412.1
72.5°	435.6	432.3	425.2	418.2	406.7	395.3	381.9	368.6	370.5	372.3	372.3
75°	387.4	385.4	377.8	370.2	359.7	349.2	337.8	326.3	327.5	328.7	327.2
77.5°	328.2	326.5	317.8	309.0	304.6	300.1	293.2	286.2	287.6	289.0	285.4
80°	263.8	262.1	255.7	249.2	248.0	246.9	243.6	240.3	240.8	241.1	236.0
82.5°	203.2	199.2	194.2	189.0	198.6	208.2	206.0	203.9	198.0	192.1	183.9
85°	134.4	127.9	118.0	108.3	133.0	157.8	164.2	170.7	159.8	148.8	133.9
87.5°	77.9	71.4	63.4	55.4	73.7	91.8	100.5	109.1	103.5	98.0	82.7
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°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	885.1	892.7	897.5	901.7	905.8	911.5	917.4	920.6	923.8	924.7	927.1
5°	877.2	886.6	896.6	907.9	919.1	932.5	945.9	960.2	974.5	984.5	991.8
7.5°	865.9	881.3	897.0	913.6	930.2	951.8	973.4	996.2	1019.0	1046.7	1079.5
10°	870.4	894.8	909.3	927.7	946.2	976.2	1006.4	1045.1	1083.9	1116.1	1143.2
12.5°	879.8	890.0	910.1	936.8	963.6	1001.5	1039.6	1086.4	1133.2	1178.7	1220.5
15°	880.7	886.6	907.5	938.1	968.9	1017.1	1065.3	1127.0	1188.6	1246.0	1296.9
17.5°	878.6	869.1	889.6	925.6	961.6	1024.4	1087.1	1160.2	1233.1	1306.6	1381.1
20°	848.1	843.8	863.9	907.4	950.9	1030.0	1108.9	1197.6	1286.1	1365.8	1440.9
22.5°	827.4	810.2	830.1	879.2	928.5	1022.1	1115.7	1218.3	1320.9	1406.5	1485.0
25°	799.3	781.8	798.4	848.6	898.8	1005.4	1112.1	1231.4	1350.7	1450.9	1544.8
27.5°	773.3	756.5	774.4	830.1	885.7	1009.6	1133.4	1267.7	1402.1	1498.6	1583.2
30°	744.9	739.4	758.8	817.3	875.8	1011.9	1148.0	1298.6	1449.2	1552.1	1639.1
32.5°	730.9	725.5	742.9	797.9	852.8	1000.3	1147.8	1318.7	1489.5	1601.6	1695.4
35°	709.0	710.6	723.9	774.3	824.6	983.8	1143.0	1337.1	1531.3	1649.5	1741.7
37.5°	678.6	682.3	691.9	739.9	787.9	959.3	1130.6	1351.4	1572.3	1712.7	1822.9
40°	650.4	653.0	656.3	702.7	749.1	935.5	1122.0	1383.9	1645.8	1814.7	1935.9
42.5°	613.7	620.7	627.0	671.4	715.9	915.8	1115.7	1414.8	1713.9	1926.5	2093.5
45°	586.0	586.2	604.6	649.4	694.1	900.0	1105.9	1457.2	1808.5	2107.1	2363.7
47.5°	557.5	568.3	597.3	637.8	678.3	883.6	1088.8	1524.7	1960.6	2409.6	2815.9
50°	533.9	554.4	597.0	634.0	671.2	877.6	1084.1	1644.1	2204.2	2842.6	3413.9
52.5°	527.6	555.2	597.6	626.3	654.9	862.5	1069.9	1735.6	2401.2	3220.1	3963.9
55°	530.8	579.2	604.3	615.0	625.5	831.3	1037.1	1759.5	2481.8	3473.7	4441.1
57.5°	540.2	595.0	594.5	601.2	607.8	784.8	961.6	1647.5	2333.4	3510.7	4785.0
60°	542.1	574.4	555.2	575.2	595.2	697.5	799.9	1403.6	2007.2	3292.3	4726.1
62.5°	528.9	540.4	517.9	533.9	549.8	598.4	646.9	1166.4	1686.0	2931.1	4342.0
65°	500.2	493.7	487.8	491.3	494.8	504.4	514.0	949.0	1383.9	2530.0	3864.4
67.5°	458.3	443.1	440.7	423.8	406.8	398.2	389.5	746.6	1103.7	2108.1	3315.3
70°	410.9	397.2	385.0	359.9	334.8	323.0	311.2	580.0	848.8	1727.4	2843.0
72.5°	372.3	357.5	330.9	302.5	274.1	263.8	253.6	437.6	621.6	1332.9	2279.5
75°	325.7	310.4	276.6	250.2	223.9	216.4	208.8	323.5	438.3	959.3	1677.1
77.5°	281.8	265.8	226.1	202.2	178.3	174.6	170.9	238.3	305.7	660.7	1162.9
80°	230.7	212.1	176.8	156.8	136.9	134.4	131.8	164.6	197.3	380.3	641.2
82.5°	175.8	155.8	130.5	115.3	100.2	98.7	97.3	110.8	124.1	202.8	317.3
85°	118.9	98.7	82.9	73.4	63.9	63.2	62.4	66.0	69.7	91.7	124.8
87.5°	67.4	42.8	34.2	29.5	24.6	25.5	26.4	27.8	29.0	34.9	45.0
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	931.1	935.0	936.7	938.3	939.9	941.6	942.8	944.1	941.1	944.1	942.8
5°	1004.0	1016.2	1026.8	1037.3	1045.4	1053.3	1057.2	1061.2	1067.7	1061.2	1057.2
7.5°	1096.2	1112.9	1135.9	1158.9	1174.6	1190.1	1196.9	1203.7	1205.6	1203.7	1196.9
10°	1186.0	1228.8	1254.2	1279.7	1298.3	1317.0	1332.9	1349.0	1367.1	1349.0	1332.9
12.5°	1269.2	1317.8	1354.5	1391.2	1414.7	1438.3	1454.1	1470.0	1475.4	1470.0	1454.1
15°	1350.0	1403.1	1437.5	1471.9	1490.2	1508.6	1516.4	1524.3	1533.9	1524.3	1516.4
17.5°	1420.9	1460.7	1483.4	1506.1	1506.9	1507.7	1497.8	1488.0	1485.9	1488.0	1497.8
20°	1473.8	1506.8	1507.3	1507.7	1488.1	1468.4	1451.3	1434.3	1426.5	1434.3	1451.3
22.5°	1507.6	1530.2	1506.9	1483.7	1440.0	1396.4	1371.6	1346.8	1340.1	1346.8	1371.6
25°	1548.3	1551.8	1504.4	1457.1	1396.1	1335.3	1303.5	1271.6	1264.1	1271.6	1303.5
27.5°	1572.2	1561.1	1489.3	1417.3	1345.8	1274.4	1238.2	1202.0	1191.7	1202.0	1238.2
30°	1599.2	1559.2	1466.6	1374.0	1302.0	1230.1	1199.8	1169.5	1160.2	1169.5	1199.8
32.5°	1628.9	1562.3	1463.0	1363.7	1313.5	1263.4	1255.2	1246.9	1240.6	1246.9	1255.2
35°	1666.9	1592.2	1517.4	1442.7	1450.3	1457.9	1484.8	1511.8	1511.2	1511.8	1484.8
37.5°	1746.4	1669.9	1657.5	1645.2	1741.7	1838.1	1915.6	1992.9	2033.3	1992.9	1915.6
40°	1882.2	1828.5	1873.3	1918.0	2052.1	2186.2	2277.9	2369.6	2436.6	2369.6	2277.9
42.5°	2062.9	2032.4	2088.4	2144.3	2291.5	2438.5	2563.5	2688.4	2782.3	2688.4	2563.5
45°	2332.2	2300.6	2327.3	2353.8	2538.0	2722.3	2918.0	3113.7	3279.1	3113.7	2918.0
47.5°	2742.6	2669.3	2646.9	2624.5	2872.7	3120.9	3406.9	3693.1	3863.1	3693.1	3406.9
50°	3299.3	3184.8	3080.2	2975.7	3325.9	3676.1	4092.7	4509.3	4684.6	4509.3	4092.7
52.5°	3858.7	3753.6	3569.8	3386.0	3800.4	4214.9	4756.0	5297.0	5465.1	5297.0	4756.0
55°	4485.1	4529.1	4280.4	4031.8	4491.6	4951.3	5644.4	6337.4	6634.1	6337.4	5644.4
57.5°	5176.3	5567.7	5301.9	5036.3	5465.5	5894.6	6718.4	7542.3	8038.8	7542.3	6718.4
60°	5510.4	6294.7	6176.7	6058.8	6425.4	6792.1	7685.9	8579.8	9159.7	8579.8	7685.9
62.5°	5195.5	6049.2	6082.4	6115.7	6605.4	7095.0	7903.1	8711.2	9224.3	8711.2	7903.1
65°	4667.9	5471.2	5520.5	5569.9	6136.0	6702.2	7494.8	8287.4	8701.4	8287.4	7494.8
67.5°	4150.8	4986.3	5016.0	5045.9	5563.3	6080.8	6794.2	7507.6	7745.4	7507.6	6794.2
70°	3638.8	4434.8	4500.0	4565.2	5017.1	5468.8	5997.0	6525.3	6661.1	6525.3	5997.0
72.5°	3079.9	3880.4	3980.1	4079.8	4410.8	4741.8	5111.2	5480.5	5467.7	5480.5	5111.2
75°	2427.2	3177.4	3315.3	3453.2	3656.2	3859.2	4054.2	4249.3	4194.0	4249.3	4054.2
77.5°	1769.5	2376.2	2522.2	2668.4	2811.6	2954.7	3092.2	3229.7	3142.9	3229.7	3092.2
80°	1073.5	1505.8	1670.2	1834.7	1984.3	2133.8	2204.8	2275.7	2129.3	2275.7	2204.8
82.5°	558.7	800.1	963.7	1127.2	1278.9	1430.4	1474.9	1519.2	1379.4	1519.2	1474.9
85°	246.0	367.1	489.2	611.3	730.7	850.1	854.7	859.3	758.7	859.3	854.7
87.5°	94.5	144.0	206.9	269.8	333.9	398.1	395.8	393.5	324.8	393.5	395.8
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: P1208752

CATALOG NUMBER: UPW-SA2-070-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	889.6	889.6	889.6	889.6	889.6	889.6	889.6
2.5°	941.6	939.9	938.3	936.7	935.0	931.1	927.1
5°	1053.3	1045.4	1037.3	1026.8	1016.2	1004.0	991.8
7.5°	1190.1	1174.6	1158.9	1135.9	1112.9	1096.2	1079.5
10°	1317.0	1298.3	1279.7	1254.2	1228.8	1186.0	1143.2
12.5°	1438.3	1414.7	1391.2	1354.5	1317.8	1269.2	1220.5
15°	1508.6	1490.2	1471.9	1437.5	1403.1	1350.0	1296.9
17.5°	1507.7	1506.9	1506.1	1483.4	1460.7	1420.9	1381.1
20°	1468.4	1488.1	1507.7	1507.3	1506.8	1473.8	1440.9
22.5°	1396.4	1440.0	1483.7	1506.9	1530.2	1507.6	1485.0
25°	1335.3	1396.1	1457.1	1504.4	1551.8	1548.3	1544.8
27.5°	1274.4	1345.8	1417.3	1489.3	1561.1	1572.2	1583.2
30°	1230.1	1302.0	1374.0	1466.6	1559.2	1599.2	1639.1
32.5°	1263.4	1313.5	1363.7	1463.0	1562.3	1628.9	1695.4
35°	1457.9	1450.3	1442.7	1517.4	1592.2	1666.9	1741.7
37.5°	1838.1	1741.7	1645.2	1657.5	1669.9	1746.4	1822.9
40°	2186.2	2052.1	1918.0	1873.3	1828.5	1882.2	1935.9
42.5°	2438.5	2291.5	2144.3	2088.4	2032.4	2062.9	2093.5
45°	2722.3	2538.0	2353.8	2327.3	2300.6	2332.2	2363.7
47.5°	3120.9	2872.7	2624.5	2646.9	2669.3	2742.6	2815.9
50°	3676.1	3325.9	2975.7	3080.2	3184.8	3299.3	3413.9
52.5°	4214.9	3800.4	3386.0	3569.8	3753.6	3858.7	3963.9
55°	4951.3	4491.6	4031.8	4280.4	4529.1	4485.1	4441.1
57.5°	5894.6	5465.5	5036.3	5301.9	5567.7	5176.3	4785.0
60°	6792.1	6425.4	6058.8	6176.7	6294.7	5510.4	4726.1
62.5°	7095.0	6605.4	6115.7	6082.4	6049.2	5195.5	4342.0
65°	6702.2	6136.0	5569.9	5520.5	5471.2	4667.9	3864.4
67.5°	6080.8	5563.3	5045.9	5016.0	4986.3	4150.8	3315.3
70°	5468.8	5017.1	4565.2	4500.0	4434.8	3638.8	2843.0
72.5°	4741.8	4410.8	4079.8	3980.1	3880.4	3079.9	2279.5
75°	3859.2	3656.2	3453.2	3315.3	3177.4	2427.2	1677.1
77.5°	2954.7	2811.6	2668.4	2522.2	2376.2	1769.5	1162.9
80°	2133.8	1984.3	1834.7	1670.2	1505.8	1073.5	641.2
82.5°	1430.4	1278.9	1127.2	963.7	800.1	558.7	317.3
85°	850.1	730.7	611.3	489.2	367.1	246.0	124.8
87.5°	398.1	333.9	269.8	206.9	144.0	94.5	45.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)