

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: P1208104

Luminaire Tested: UPW-SA1-040-740-U-SLR

Issue Date: 11/4/2025

**Test Information**

Test Method: LM-79-2024  
Report Number: P1208104  
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-SA1-040-740-U-SLR  
Description: UNDERPASS WALL MOUNT LUMINAIRE  
(1) 70 CRI, 4000K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5861 lumens  
Efficiency: N/A  
Efficacy: 133.2 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): 44  
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

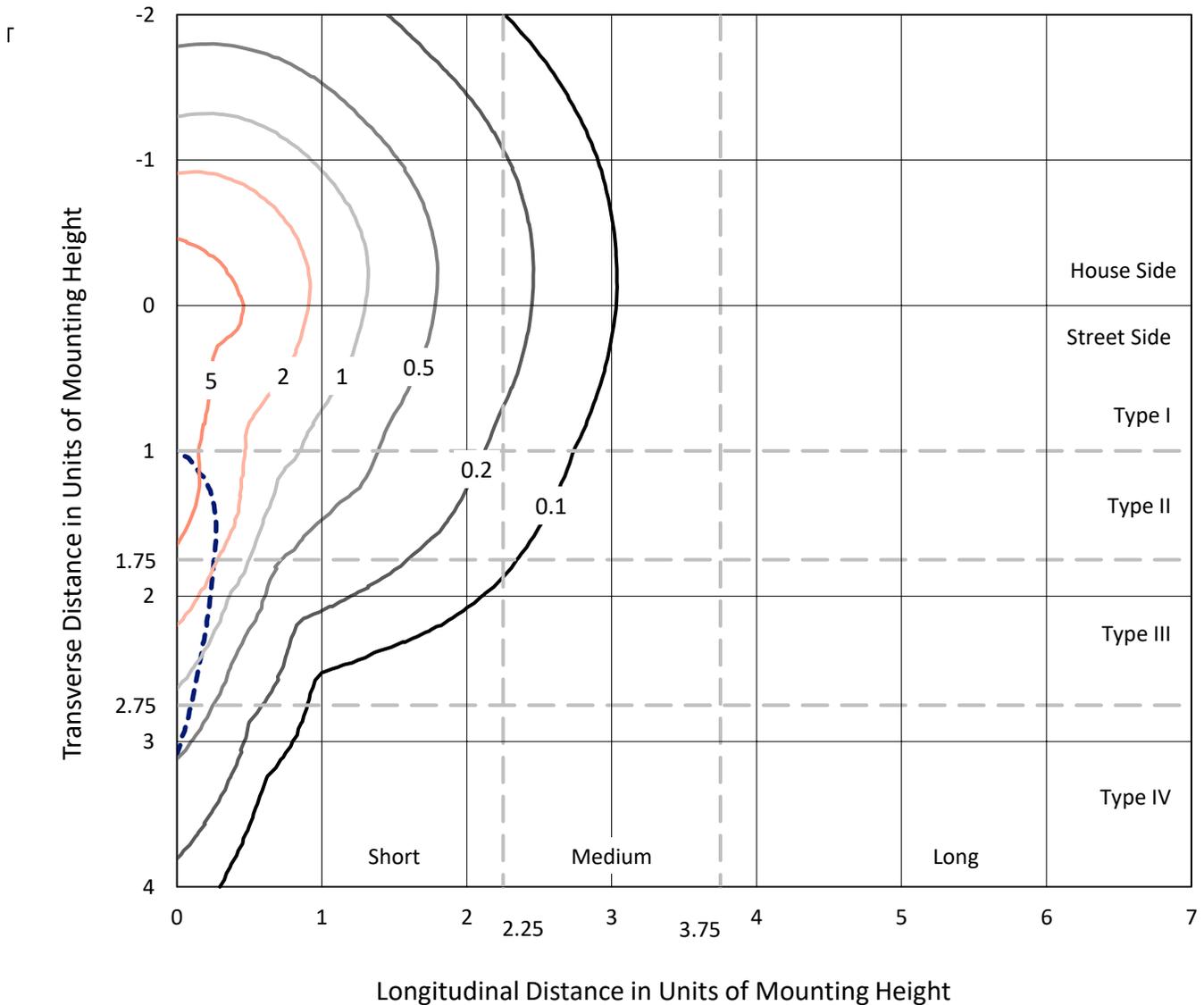


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

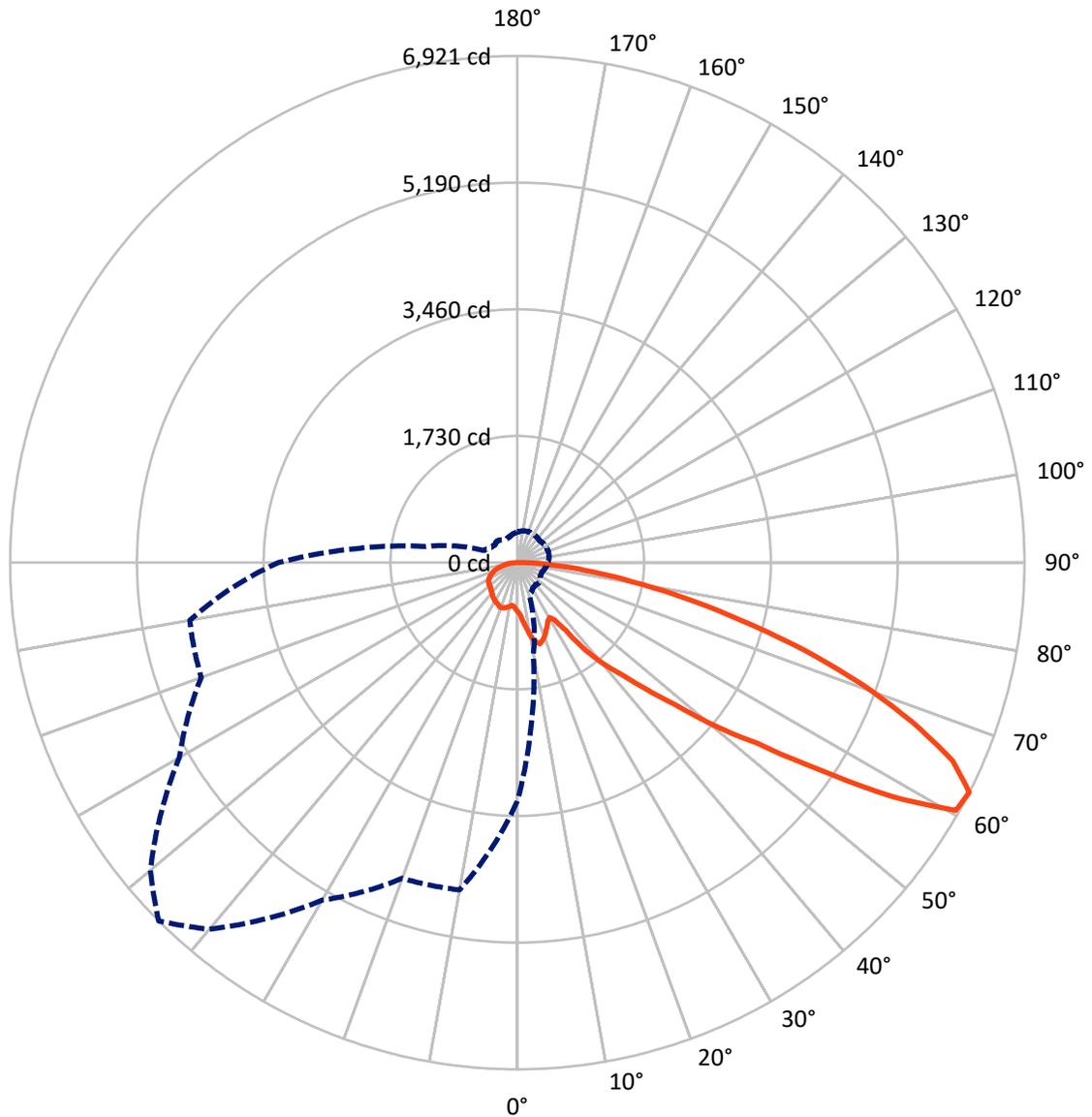


Based on 10 foot mounting height. Maximum calculated value = 8.9 fc  
 Type III - Short - N/A

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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
<b>House Side</b>	Lumens	1436.3	0.0	1436.3
	% Fixture	24.5	0.0	24.5
<b>Street Side</b>	Lumens	4424.7	0.0	4424.7
	% Fixture	75.5	0.0	75.5
<b>Total</b>	Lumens	5861.0	0.0	5861.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.7	1.1
10°-20°	224.9	3.8
20°-30°	365.7	6.2
30°-40°	498.8	8.5
40°-50°	755.3	12.9
50°-60°	1298.8	22.2
60°-70°	1523.1	26.0
70°-80°	908.4	15.5
80°-90°	219.4	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°	5861.0	100.0
0°-180°	5861.0	100.0



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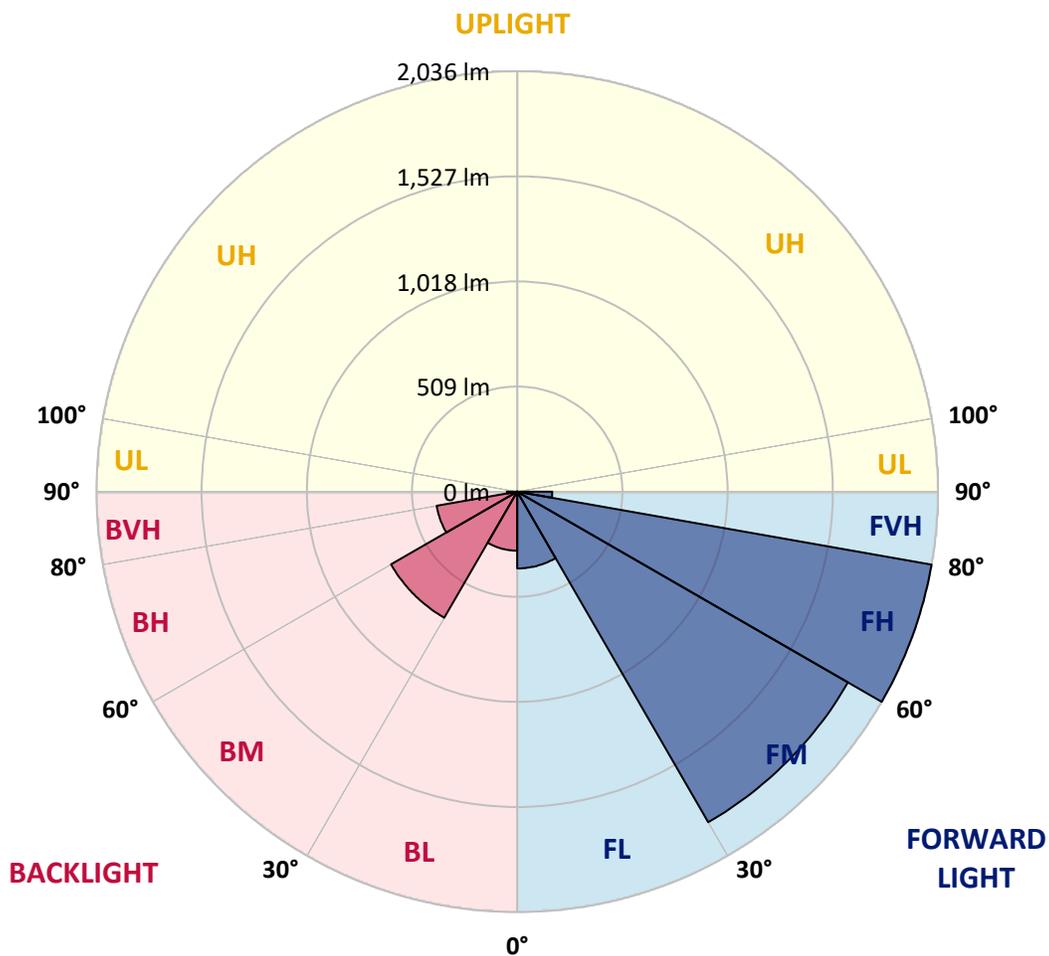
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	371.5	6.3			
FM (30°-60°)	1847.9	31.5			
FH (60°-80°)	2035.7	34.7			G2/5000
FVH (80°-90°)	169.6	2.9			G2/225
BL (0°-30°)	285.7	4.9	B1/500		
BM (30°-60°)	705.0	12.0	B1/1000		
BH (60°-80°)	395.8	6.8	B1/500		G1/500
BVH (80°-90°)	49.9	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°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	695.6	693.8	693.1	690.7	688.3	683.9	679.6	676.5	673.3	669.7	664.0
5°	744.1	738.6	731.1	720.4	709.7	699.6	689.6	681.1	672.7	665.1	658.1
7.5°	809.9	785.3	764.5	747.4	730.3	714.1	697.9	685.4	673.0	661.2	649.6
10°	857.7	837.3	813.2	784.1	755.1	732.4	709.9	696.0	682.2	671.4	653.0
12.5°	915.7	884.3	850.2	815.1	780.0	751.4	723.0	702.9	682.8	667.8	660.1
15°	973.0	934.8	891.8	845.5	799.2	763.1	726.9	703.9	680.9	665.1	660.8
17.5°	1036.2	980.3	925.2	870.4	815.6	768.6	721.5	694.4	667.4	652.0	659.2
20°	1081.1	1024.7	964.9	898.5	832.0	772.8	713.4	680.8	648.1	633.0	636.3
22.5°	1114.1	1055.3	991.0	914.0	837.1	766.9	696.6	659.6	622.8	607.8	620.7
25°	1159.0	1088.5	1013.4	923.9	834.3	754.3	674.3	636.6	599.0	586.5	599.6
27.5°	1187.8	1124.4	1051.9	951.1	850.3	757.4	664.5	622.8	581.0	567.5	580.2
30°	1229.7	1164.4	1087.3	974.3	861.3	759.2	657.1	613.2	569.3	554.8	558.9
32.5°	1272.0	1201.6	1117.5	989.4	861.2	750.5	639.8	598.6	557.4	544.3	548.4
35°	1306.7	1237.5	1148.9	1003.2	857.5	738.1	618.6	580.9	543.1	533.2	531.9
37.5°	1367.6	1285.0	1179.6	1013.9	848.2	719.7	591.1	555.1	519.1	511.9	509.1
40°	1452.4	1361.5	1234.8	1038.3	841.8	701.9	562.0	527.2	492.4	489.9	488.0
42.5°	1570.7	1445.4	1285.9	1061.5	837.1	687.1	537.1	503.8	470.4	465.7	460.5
45°	1773.4	1580.9	1356.8	1093.2	829.7	675.2	520.7	487.2	453.6	439.8	439.6
47.5°	2112.7	1807.8	1471.0	1143.9	816.9	662.9	508.9	478.5	448.1	426.4	418.3
50°	2561.3	2132.6	1653.7	1233.5	813.4	658.4	503.6	475.7	447.9	415.9	400.6
52.5°	2974.0	2415.9	1801.5	1302.1	802.7	647.1	491.4	469.9	448.3	416.6	395.8
55°	3331.9	2606.2	1862.0	1320.1	778.1	623.7	469.3	461.4	453.4	434.6	398.2
57.5°	3590.0	2633.9	1750.7	1236.0	721.5	588.8	456.0	451.0	446.0	446.4	405.3
60°	3545.8	2470.1	1506.0	1053.1	600.1	523.3	446.6	431.6	416.6	431.0	406.7
62.5°	3257.6	2199.1	1264.9	875.1	485.3	448.9	412.5	400.5	388.5	405.4	396.8
65°	2899.3	1898.2	1038.3	712.0	385.7	378.5	371.2	368.6	366.0	370.4	375.3
67.5°	2487.3	1581.6	828.0	560.1	292.3	298.7	305.2	317.9	330.6	332.4	343.9
70°	2133.0	1296.0	636.8	435.2	233.5	242.3	251.2	270.0	288.9	298.0	308.3
72.5°	1710.2	1000.0	466.4	328.3	190.3	197.9	205.7	227.0	248.2	268.2	279.3
75°	1258.2	719.7	328.8	242.7	156.7	162.4	168.0	187.7	207.5	232.8	244.4
77.5°	872.4	495.7	229.4	178.8	128.2	131.0	133.7	151.7	169.6	199.4	211.4
80°	481.1	285.3	148.0	123.5	98.9	100.8	102.7	117.6	132.6	159.2	173.1
82.5°	238.1	152.2	93.1	83.1	73.0	74.1	75.2	86.5	97.9	116.9	131.9
85°	93.7	68.8	52.3	49.5	46.8	47.4	47.9	55.1	62.2	74.0	89.2
87.5°	33.7	26.2	21.7	20.8	19.8	19.1	18.5	22.1	25.7	32.1	50.6
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°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	661.1	658.3	655.5	652.7	650.1	647.5	645.5	643.5	639.7	635.9	633.7
5°	650.3	642.4	635.6	628.8	624.5	620.3	615.7	611.1	607.6	604.0	601.3
7.5°	640.4	631.1	623.5	616.0	609.9	603.8	599.4	595.1	594.2	593.4	591.6
10°	643.3	633.5	626.2	618.8	613.2	607.7	604.6	601.6	600.6	599.6	599.6
12.5°	655.6	651.1	645.8	640.4	634.8	629.3	629.5	629.8	625.0	620.3	619.0
15°	662.3	663.8	665.5	667.3	665.8	664.3	658.9	653.4	647.7	642.0	640.2
17.5°	664.4	669.5	677.4	685.2	688.5	691.8	685.4	678.9	669.8	660.8	656.4
20°	648.4	660.6	675.4	690.2	695.7	701.2	694.9	688.7	678.6	668.4	661.7
22.5°	635.7	650.5	666.1	681.5	686.4	691.1	687.7	684.1	673.2	662.2	654.9
25°	614.3	628.9	643.9	658.8	665.5	672.3	671.5	670.7	659.3	647.9	639.9
27.5°	592.5	604.9	618.0	631.1	638.7	646.3	647.4	648.4	639.9	631.4	623.9
30°	567.4	575.9	587.4	598.8	606.7	614.5	617.3	619.9	614.5	609.1	604.0
32.5°	551.9	555.4	563.6	571.8	579.3	586.7	590.9	595.1	594.1	593.3	591.3
35°	531.7	531.5	535.2	538.9	545.7	552.5	560.5	568.5	569.6	570.6	571.4
37.5°	506.8	504.5	506.9	509.3	515.1	521.0	529.4	537.7	543.7	549.7	552.4
40°	484.7	481.4	481.7	481.9	487.2	492.6	500.4	508.3	519.3	530.4	536.5
42.5°	458.9	457.3	456.5	455.5	460.1	464.5	476.4	488.3	500.7	513.0	518.4
45°	436.1	432.6	433.9	435.0	440.7	446.4	456.7	467.0	481.2	495.3	502.0
47.5°	416.4	414.6	416.6	418.5	424.3	430.0	442.6	455.2	469.0	482.9	490.0
50°	399.5	398.4	404.0	409.5	416.0	422.6	433.5	444.4	459.1	473.9	483.7
52.5°	392.9	390.0	398.2	406.4	411.4	416.4	426.7	436.9	453.0	469.1	478.7
55°	388.9	379.6	389.6	399.5	405.6	411.7	423.0	434.3	448.6	462.9	472.1
57.5°	387.5	369.7	379.6	389.4	399.9	410.4	421.8	433.3	447.9	462.6	470.4
60°	386.1	365.4	371.1	376.7	391.7	406.7	417.6	428.4	442.0	455.5	461.0
62.5°	379.2	361.7	361.0	360.4	376.5	392.5	404.8	417.2	429.6	442.0	445.8
65°	363.8	352.4	347.3	342.2	356.4	370.6	383.8	396.9	407.1	417.4	422.1
67.5°	337.6	331.3	327.4	323.4	337.3	351.1	361.2	371.4	381.5	391.7	395.5
70°	309.2	309.9	307.1	304.0	314.3	324.4	337.4	350.4	356.1	361.7	363.8
72.5°	279.3	279.4	278.0	276.5	286.6	296.6	305.2	313.7	319.0	324.4	326.8
75°	245.5	246.6	245.7	244.8	253.4	262.0	269.9	277.7	283.5	289.2	290.7
77.5°	214.1	216.8	215.8	214.7	219.9	225.2	228.5	231.9	238.4	245.0	246.2
80°	177.0	180.9	180.6	180.3	182.7	185.2	186.1	187.0	191.8	196.6	197.9
82.5°	138.0	144.1	148.6	152.9	154.6	156.2	149.0	141.8	145.7	149.5	152.5
85°	100.5	111.7	119.9	128.1	123.2	118.4	99.8	81.2	88.6	96.0	100.9
87.5°	62.0	73.5	77.7	81.9	75.4	68.9	55.3	41.6	47.6	53.6	58.4
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):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	631.5	630.8	630.1	631.7	633.2	635.3	633.2	631.7	630.1	630.8	631.5
5°	598.5	597.3	596.2	596.6	596.8	596.7	596.8	596.6	596.2	597.3	598.5
7.5°	589.8	589.6	589.5	590.0	590.5	588.2	590.5	590.0	589.5	589.6	589.8
10°	599.4	601.3	603.1	604.6	606.2	605.2	606.2	604.6	603.1	601.3	599.4
12.5°	617.8	620.1	622.4	623.2	624.1	622.2	624.1	623.2	622.4	620.1	617.8
15°	638.3	638.1	638.0	637.2	636.3	635.3	636.3	637.2	638.0	638.1	638.3
17.5°	652.2	650.3	648.4	647.5	646.6	647.8	646.6	647.5	648.4	650.3	652.2
20°	655.0	654.0	653.0	653.0	652.9	652.4	652.9	653.0	653.0	654.0	655.0
22.5°	647.7	644.6	641.6	642.9	644.2	648.4	644.2	642.9	641.6	644.6	647.7
25°	631.9	630.4	628.9	628.5	628.1	626.2	628.1	628.5	628.9	630.4	631.9
27.5°	616.5	615.2	613.9	615.6	617.1	618.3	617.1	615.6	613.9	615.2	616.5
30°	599.0	599.2	599.4	602.0	604.6	609.1	604.6	602.0	599.4	599.2	599.0
32.5°	589.4	586.7	584.1	585.0	585.9	589.5	585.9	585.0	584.1	586.7	589.4
35°	572.1	572.1	572.1	574.3	576.4	581.0	576.4	574.3	572.1	572.1	572.1
37.5°	555.1	557.3	559.4	560.3	561.2	561.3	561.2	560.3	559.4	557.3	555.1
40°	542.7	542.9	543.1	541.8	540.5	541.0	540.5	541.8	543.1	542.9	542.7
42.5°	523.9	526.2	528.6	529.2	529.8	531.2	529.8	529.2	528.6	526.2	523.9
45°	508.8	510.0	511.2	510.9	510.6	508.9	510.6	510.9	511.2	510.0	508.8
47.5°	497.1	498.2	499.2	500.1	500.9	502.4	500.9	500.1	499.2	498.2	497.1
50°	493.5	493.2	492.9	490.3	487.6	486.7	487.6	490.3	492.9	493.2	493.5
52.5°	488.1	488.9	489.8	488.3	486.8	487.3	486.8	488.3	489.8	488.9	488.1
55°	481.3	482.2	483.3	480.4	477.5	475.5	477.5	480.4	483.3	482.2	481.3
57.5°	478.3	476.5	474.7	472.5	470.3	470.9	470.3	472.5	474.7	476.5	478.3
60°	466.4	464.3	462.1	457.2	452.5	448.7	452.5	457.2	462.1	464.3	466.4
62.5°	449.6	447.6	445.5	440.1	434.6	427.7	434.6	440.1	445.5	447.6	449.6
65°	426.7	423.4	420.0	414.5	409.0	405.4	409.0	414.5	420.0	423.4	426.7
67.5°	399.4	395.7	392.0	384.8	377.6	372.0	377.6	384.8	392.0	395.7	399.4
70°	366.0	362.5	358.9	354.3	349.8	345.8	349.8	354.3	358.9	362.5	366.0
72.5°	329.3	325.4	321.5	315.3	309.2	305.2	309.2	315.3	321.5	325.4	329.3
75°	292.1	287.2	282.3	275.9	269.5	264.0	269.5	275.9	282.3	287.2	292.1
77.5°	247.5	243.7	240.1	234.1	228.1	222.7	228.1	234.1	240.1	243.7	247.5
80°	199.2	197.5	195.7	190.7	185.9	178.8	185.9	190.7	195.7	197.5	199.2
82.5°	155.4	154.6	153.8	149.7	145.5	139.5	145.5	149.7	153.8	154.6	155.4
85°	105.8	106.6	107.4	104.5	101.7	96.9	101.7	104.5	107.4	106.6	105.8
87.5°	63.4	60.2	57.0	50.4	43.9	36.7	43.9	50.4	57.0	60.2	63.4
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):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	633.7	635.9	639.7	643.5	645.5	647.5	650.1	652.7	655.5	658.3	661.1
5°	601.3	604.0	607.6	611.1	615.7	620.3	624.5	628.8	635.6	642.4	650.3
7.5°	591.6	593.4	594.2	595.1	599.4	603.8	609.9	616.0	623.5	631.1	640.4
10°	599.6	599.6	600.6	601.6	604.6	607.7	613.2	618.8	626.2	633.5	643.3
12.5°	619.0	620.3	625.0	629.8	629.5	629.3	634.8	640.4	645.8	651.1	655.6
15°	640.2	642.0	647.7	653.4	658.9	664.3	665.8	667.3	665.5	663.8	662.3
17.5°	656.4	660.8	669.8	678.9	685.4	691.8	688.5	685.2	677.4	669.5	664.4
20°	661.7	668.4	678.6	688.7	694.9	701.2	695.7	690.2	675.4	660.6	648.4
22.5°	654.9	662.2	673.2	684.1	687.7	691.1	686.4	681.5	666.1	650.5	635.7
25°	639.9	647.9	659.3	670.7	671.5	672.3	665.5	658.8	643.9	628.9	614.3
27.5°	623.9	631.4	639.9	648.4	647.4	646.3	638.7	631.1	618.0	604.9	592.5
30°	604.0	609.1	614.5	619.9	617.3	614.5	606.7	598.8	587.4	575.9	567.4
32.5°	591.3	593.3	594.1	595.1	590.9	586.7	579.3	571.8	563.6	555.4	551.9
35°	571.4	570.6	569.6	568.5	560.5	552.5	545.7	538.9	535.2	531.5	531.7
37.5°	552.4	549.7	543.7	537.7	529.4	521.0	515.1	509.3	506.9	504.5	506.8
40°	536.5	530.4	519.3	508.3	500.4	492.6	487.2	481.9	481.7	481.4	484.7
42.5°	518.4	513.0	500.7	488.3	476.4	464.5	460.1	455.5	456.5	457.3	458.9
45°	502.0	495.3	481.2	467.0	456.7	446.4	440.7	435.0	433.9	432.6	436.1
47.5°	490.0	482.9	469.0	455.2	442.6	430.0	424.3	418.5	416.6	414.6	416.4
50°	483.7	473.9	459.1	444.4	433.5	422.6	416.0	409.5	404.0	398.4	399.5
52.5°	478.7	469.1	453.0	436.9	426.7	416.4	411.4	406.4	398.2	390.0	392.9
55°	472.1	462.9	448.6	434.3	423.0	411.7	405.6	399.5	389.6	379.6	388.9
57.5°	470.4	462.6	447.9	433.3	421.8	410.4	399.9	389.4	379.6	369.7	387.5
60°	461.0	455.5	442.0	428.4	417.6	406.7	391.7	376.7	371.1	365.4	386.1
62.5°	445.8	442.0	429.6	417.2	404.8	392.5	376.5	360.4	361.0	361.7	379.2
65°	422.1	417.4	407.1	396.9	383.8	370.6	356.4	342.2	347.3	352.4	363.8
67.5°	395.5	391.7	381.5	371.4	361.2	351.1	337.3	323.4	327.4	331.3	337.6
70°	363.8	361.7	356.1	350.4	337.4	324.4	314.3	304.0	307.1	309.9	309.2
72.5°	326.8	324.4	319.0	313.7	305.2	296.6	286.6	276.5	278.0	279.4	279.3
75°	290.7	289.2	283.5	277.7	269.9	262.0	253.4	244.8	245.7	246.6	245.5
77.5°	246.2	245.0	238.4	231.9	228.5	225.2	219.9	214.7	215.8	216.8	214.1
80°	197.9	196.6	191.8	187.0	186.1	185.2	182.7	180.3	180.6	180.9	177.0
82.5°	152.5	149.5	145.7	141.8	149.0	156.2	154.6	152.9	148.6	144.1	138.0
85°	100.9	96.0	88.6	81.2	99.8	118.4	123.2	128.1	119.9	111.7	100.5
87.5°	58.4	53.6	47.6	41.6	55.3	68.9	75.4	81.9	77.7	73.5	62.0
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):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	664.0	669.7	673.3	676.5	679.6	683.9	688.3	690.7	693.1	693.8	695.6
5°	658.1	665.1	672.7	681.1	689.6	699.6	709.7	720.4	731.1	738.6	744.1
7.5°	649.6	661.2	673.0	685.4	697.9	714.1	730.3	747.4	764.5	785.3	809.9
10°	653.0	671.4	682.2	696.0	709.9	732.4	755.1	784.1	813.2	837.3	857.7
12.5°	660.1	667.8	682.8	702.9	723.0	751.4	780.0	815.1	850.2	884.3	915.7
15°	660.8	665.1	680.9	703.9	726.9	763.1	799.2	845.5	891.8	934.8	973.0
17.5°	659.2	652.0	667.4	694.4	721.5	768.6	815.6	870.4	925.2	980.3	1036.2
20°	636.3	633.0	648.1	680.8	713.4	772.8	832.0	898.5	964.9	1024.7	1081.1
22.5°	620.7	607.8	622.8	659.6	696.6	766.9	837.1	914.0	991.0	1055.3	1114.1
25°	599.6	586.5	599.0	636.6	674.3	754.3	834.3	923.9	1013.4	1088.5	1159.0
27.5°	580.2	567.5	581.0	622.8	664.5	757.4	850.3	951.1	1051.9	1124.4	1187.8
30°	558.9	554.8	569.3	613.2	657.1	759.2	861.3	974.3	1087.3	1164.4	1229.7
32.5°	548.4	544.3	557.4	598.6	639.8	750.5	861.2	989.4	1117.5	1201.6	1272.0
35°	531.9	533.2	543.1	580.9	618.6	738.1	857.5	1003.2	1148.9	1237.5	1306.7
37.5°	509.1	511.9	519.1	555.1	591.1	719.7	848.2	1013.9	1179.6	1285.0	1367.6
40°	488.0	489.9	492.4	527.2	562.0	701.9	841.8	1038.3	1234.8	1361.5	1452.4
42.5°	460.5	465.7	470.4	503.8	537.1	687.1	837.1	1061.5	1285.9	1445.4	1570.7
45°	439.6	439.8	453.6	487.2	520.7	675.2	829.7	1093.2	1356.8	1580.9	1773.4
47.5°	418.3	426.4	448.1	478.5	508.9	662.9	816.9	1143.9	1471.0	1807.8	2112.7
50°	400.6	415.9	447.9	475.7	503.6	658.4	813.4	1233.5	1653.7	2132.6	2561.3
52.5°	395.8	416.6	448.3	469.9	491.4	647.1	802.7	1302.1	1801.5	2415.9	2974.0
55°	398.2	434.6	453.4	461.4	469.3	623.7	778.1	1320.1	1862.0	2606.2	3331.9
57.5°	405.3	446.4	446.0	451.0	456.0	588.8	721.5	1236.0	1750.7	2633.9	3590.0
60°	406.7	431.0	416.6	431.6	446.6	523.3	600.1	1053.1	1506.0	2470.1	3545.8
62.5°	396.8	405.4	388.5	400.5	412.5	448.9	485.3	875.1	1264.9	2199.1	3257.6
65°	375.3	370.4	366.0	368.6	371.2	378.5	385.7	712.0	1038.3	1898.2	2899.3
67.5°	343.9	332.4	330.6	317.9	305.2	298.7	292.3	560.1	828.0	1581.6	2487.3
70°	308.3	298.0	288.9	270.0	251.2	242.3	233.5	435.2	636.8	1296.0	2133.0
72.5°	279.3	268.2	248.2	227.0	205.7	197.9	190.3	328.3	466.4	1000.0	1710.2
75°	244.4	232.8	207.5	187.7	168.0	162.4	156.7	242.7	328.8	719.7	1258.2
77.5°	211.4	199.4	169.6	151.7	133.7	131.0	128.2	178.8	229.4	495.7	872.4
80°	173.1	159.2	132.6	117.6	102.7	100.8	98.9	123.5	148.0	285.3	481.1
82.5°	131.9	116.9	97.9	86.5	75.2	74.1	73.0	83.1	93.1	152.2	238.1
85°	89.2	74.0	62.2	55.1	47.9	47.4	46.8	49.5	52.3	68.8	93.7
87.5°	50.6	32.1	25.7	22.1	18.5	19.1	19.8	20.8	21.7	26.2	33.7
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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CATALOG NUMBER: UPW-SA1-040-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	698.5	701.5	702.7	704.0	705.2	706.4	707.3	708.3	706.1	708.3	707.3
5°	753.2	762.4	770.3	778.3	784.3	790.2	793.2	796.2	801.1	796.2	793.2
7.5°	822.4	835.0	852.2	869.5	881.2	892.9	898.0	903.1	904.5	903.1	898.0
10°	889.8	921.9	941.0	960.1	974.0	988.1	1000.0	1012.1	1025.7	1012.1	1000.0
12.5°	952.2	988.7	1016.2	1043.7	1061.4	1079.1	1090.9	1102.9	1106.9	1102.9	1090.9
15°	1012.9	1052.7	1078.5	1104.3	1118.1	1131.8	1137.7	1143.6	1150.8	1143.6	1137.7
17.5°	1066.1	1095.9	1113.0	1130.0	1130.6	1131.2	1123.8	1116.4	1114.8	1116.4	1123.8
20°	1105.8	1130.5	1130.8	1131.2	1116.4	1101.7	1088.9	1076.1	1070.3	1076.1	1088.9
22.5°	1131.1	1148.1	1130.6	1113.2	1080.4	1047.7	1029.1	1010.5	1005.4	1010.5	1029.1
25°	1161.6	1164.2	1128.7	1093.2	1047.5	1001.8	978.0	954.1	948.4	954.1	978.0
27.5°	1179.6	1171.3	1117.3	1063.4	1009.7	956.2	929.0	901.8	894.1	901.8	929.0
30°	1199.8	1169.8	1100.3	1030.8	976.9	922.9	900.2	877.4	870.5	877.4	900.2
32.5°	1222.1	1172.1	1097.6	1023.1	985.5	947.9	941.7	935.5	930.7	935.5	941.7
35°	1250.6	1194.6	1138.4	1082.4	1088.1	1093.8	1114.0	1134.2	1133.8	1134.2	1114.0
37.5°	1310.2	1252.9	1243.6	1234.3	1306.7	1379.1	1437.2	1495.2	1525.5	1495.2	1437.2
40°	1412.2	1371.9	1405.5	1439.0	1539.6	1640.2	1709.0	1777.8	1828.1	1777.8	1709.0
42.5°	1547.7	1524.8	1566.8	1608.8	1719.2	1829.5	1923.3	2017.0	2087.4	2017.0	1923.3
45°	1749.7	1726.0	1746.1	1766.0	1904.2	2042.4	2189.2	2336.1	2460.1	2336.1	2189.2
47.5°	2057.6	2002.6	1985.9	1969.0	2155.2	2341.5	2556.0	2770.7	2898.3	2770.7	2556.0
50°	2475.3	2389.4	2310.9	2232.5	2495.2	2758.0	3070.6	3383.1	3514.7	3383.1	3070.6
52.5°	2895.1	2816.1	2678.2	2540.4	2851.3	3162.3	3568.2	3974.1	4100.2	3974.1	3568.2
55°	3364.9	3398.0	3211.4	3024.9	3369.9	3714.8	4234.8	4754.7	4977.3	4754.7	4234.8
57.5°	3883.6	4177.2	3977.8	3778.5	4100.5	4422.5	5040.5	5658.6	6031.1	5658.6	5040.5
60°	4134.2	4722.6	4634.1	4545.6	4820.7	5095.8	5766.4	6437.0	6872.1	6437.0	5766.4
62.5°	3898.0	4538.4	4563.4	4588.3	4955.7	5323.1	5929.4	6535.6	6920.6	6535.6	5929.4
65°	3502.1	4104.8	4141.8	4178.8	4603.6	5028.3	5623.0	6217.7	6528.3	6217.7	5623.0
67.5°	3114.1	3741.0	3763.3	3785.7	4173.9	4562.1	5097.4	5632.6	5811.1	5632.6	5097.4
70°	2730.1	3327.2	3376.1	3425.1	3764.1	4103.0	4499.3	4895.6	4997.6	4895.6	4499.3
72.5°	2310.7	2911.3	2986.1	3060.9	3309.3	3557.6	3834.7	4111.8	4102.2	4111.8	3834.7
75°	1821.0	2383.8	2487.3	2590.8	2743.1	2895.4	3041.7	3188.1	3146.6	3188.1	3041.7
77.5°	1327.6	1782.7	1892.3	2002.0	2109.4	2216.8	2320.0	2423.1	2358.0	2423.1	2320.0
80°	805.4	1129.7	1253.1	1376.5	1488.7	1600.9	1654.2	1707.4	1597.5	1707.4	1654.2
82.5°	419.2	600.3	723.0	845.7	959.5	1073.2	1106.5	1139.8	1034.9	1139.8	1106.5
85°	184.6	275.4	367.1	458.6	548.2	637.8	641.2	644.7	569.2	644.7	641.2
87.5°	70.9	108.1	155.2	202.4	250.5	298.7	297.0	295.2	243.7	295.2	297.0
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: P1208104

CATALOG NUMBER: UPW-SA1-040-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	667.4	667.4	667.4	667.4	667.4	667.4	667.4
2.5°	706.4	705.2	704.0	702.7	701.5	698.5	695.6
5°	790.2	784.3	778.3	770.3	762.4	753.2	744.1
7.5°	892.9	881.2	869.5	852.2	835.0	822.4	809.9
10°	988.1	974.0	960.1	941.0	921.9	889.8	857.7
12.5°	1079.1	1061.4	1043.7	1016.2	988.7	952.2	915.7
15°	1131.8	1118.1	1104.3	1078.5	1052.7	1012.9	973.0
17.5°	1131.2	1130.6	1130.0	1113.0	1095.9	1066.1	1036.2
20°	1101.7	1116.4	1131.2	1130.8	1130.5	1105.8	1081.1
22.5°	1047.7	1080.4	1113.2	1130.6	1148.1	1131.1	1114.1
25°	1001.8	1047.5	1093.2	1128.7	1164.2	1161.6	1159.0
27.5°	956.2	1009.7	1063.4	1117.3	1171.3	1179.6	1187.8
30°	922.9	976.9	1030.8	1100.3	1169.8	1199.8	1229.7
32.5°	947.9	985.5	1023.1	1097.6	1172.1	1222.1	1272.0
35°	1093.8	1088.1	1082.4	1138.4	1194.6	1250.6	1306.7
37.5°	1379.1	1306.7	1234.3	1243.6	1252.9	1310.2	1367.6
40°	1640.2	1539.6	1439.0	1405.5	1371.9	1412.2	1452.4
42.5°	1829.5	1719.2	1608.8	1566.8	1524.8	1547.7	1570.7
45°	2042.4	1904.2	1766.0	1746.1	1726.0	1749.7	1773.4
47.5°	2341.5	2155.2	1969.0	1985.9	2002.6	2057.6	2112.7
50°	2758.0	2495.2	2232.5	2310.9	2389.4	2475.3	2561.3
52.5°	3162.3	2851.3	2540.4	2678.2	2816.1	2895.1	2974.0
55°	3714.8	3369.9	3024.9	3211.4	3398.0	3364.9	3331.9
57.5°	4422.5	4100.5	3778.5	3977.8	4177.2	3883.6	3590.0
60°	5095.8	4820.7	4545.6	4634.1	4722.6	4134.2	3545.8
62.5°	5323.1	4955.7	4588.3	4563.4	4538.4	3898.0	3257.6
65°	5028.3	4603.6	4178.8	4141.8	4104.8	3502.1	2899.3
67.5°	4562.1	4173.9	3785.7	3763.3	3741.0	3114.1	2487.3
70°	4103.0	3764.1	3425.1	3376.1	3327.2	2730.1	2133.0
72.5°	3557.6	3309.3	3060.9	2986.1	2911.3	2310.7	1710.2
75°	2895.4	2743.1	2590.8	2487.3	2383.8	1821.0	1258.2
77.5°	2216.8	2109.4	2002.0	1892.3	1782.7	1327.6	872.4
80°	1600.9	1488.7	1376.5	1253.1	1129.7	805.4	481.1
82.5°	1073.2	959.5	845.7	723.0	600.3	419.2	238.1
85°	637.8	548.2	458.6	367.1	275.4	184.6	93.7
87.5°	298.7	250.5	202.4	155.2	108.1	70.9	33.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)