

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: P1208129

Luminaire Tested: UPW-SA1-040-750-U-SLL

Issue Date: 11/4/2025

**Test Information**

Test Method: LM-79-2024  
Report Number: P1208129  
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-SA1-040-750-U-SLL  
Description: UNDERPASS WALL MOUNT LUMINAIRE  
(1) 70 CRI, 5000K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT 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

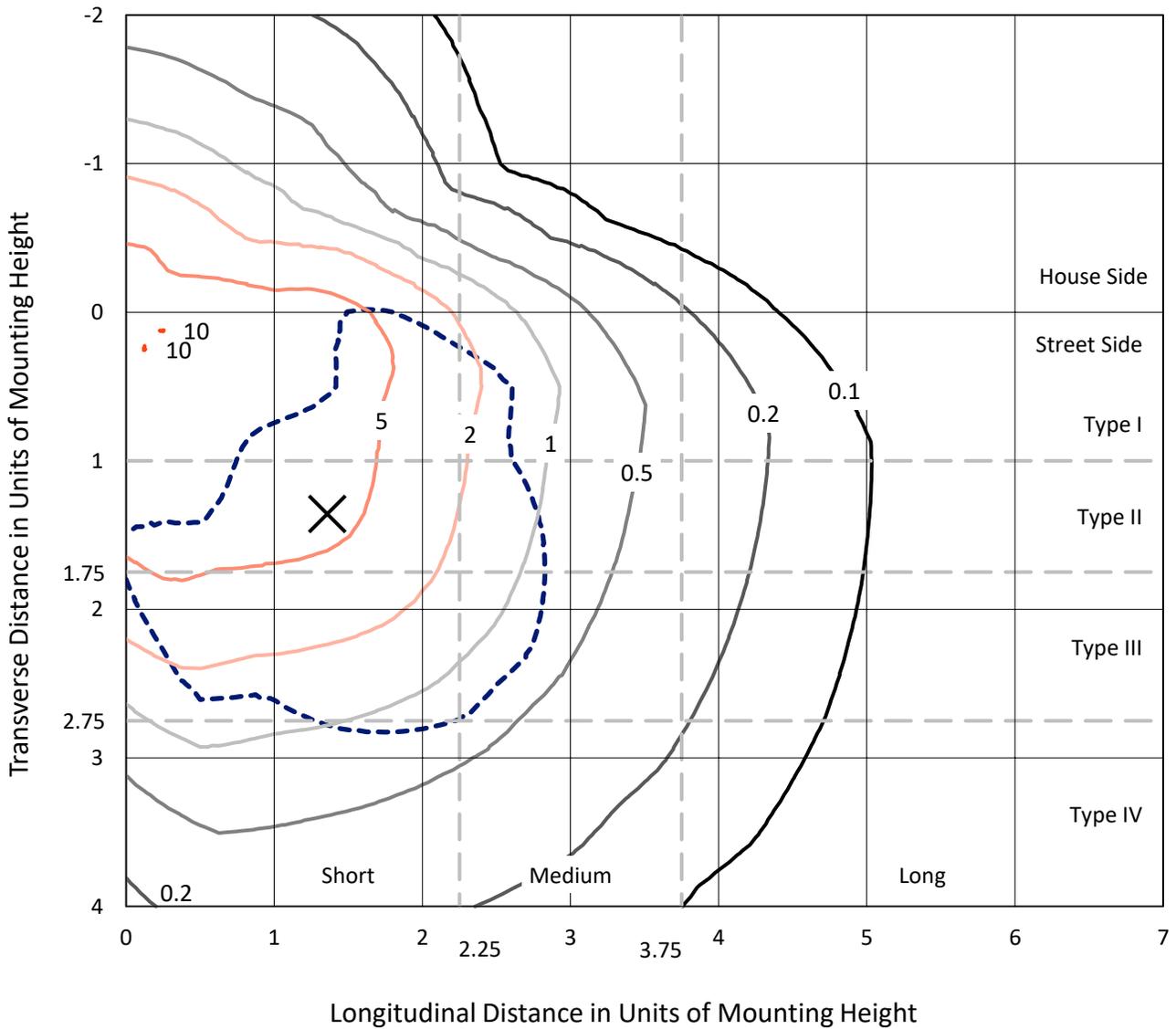


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

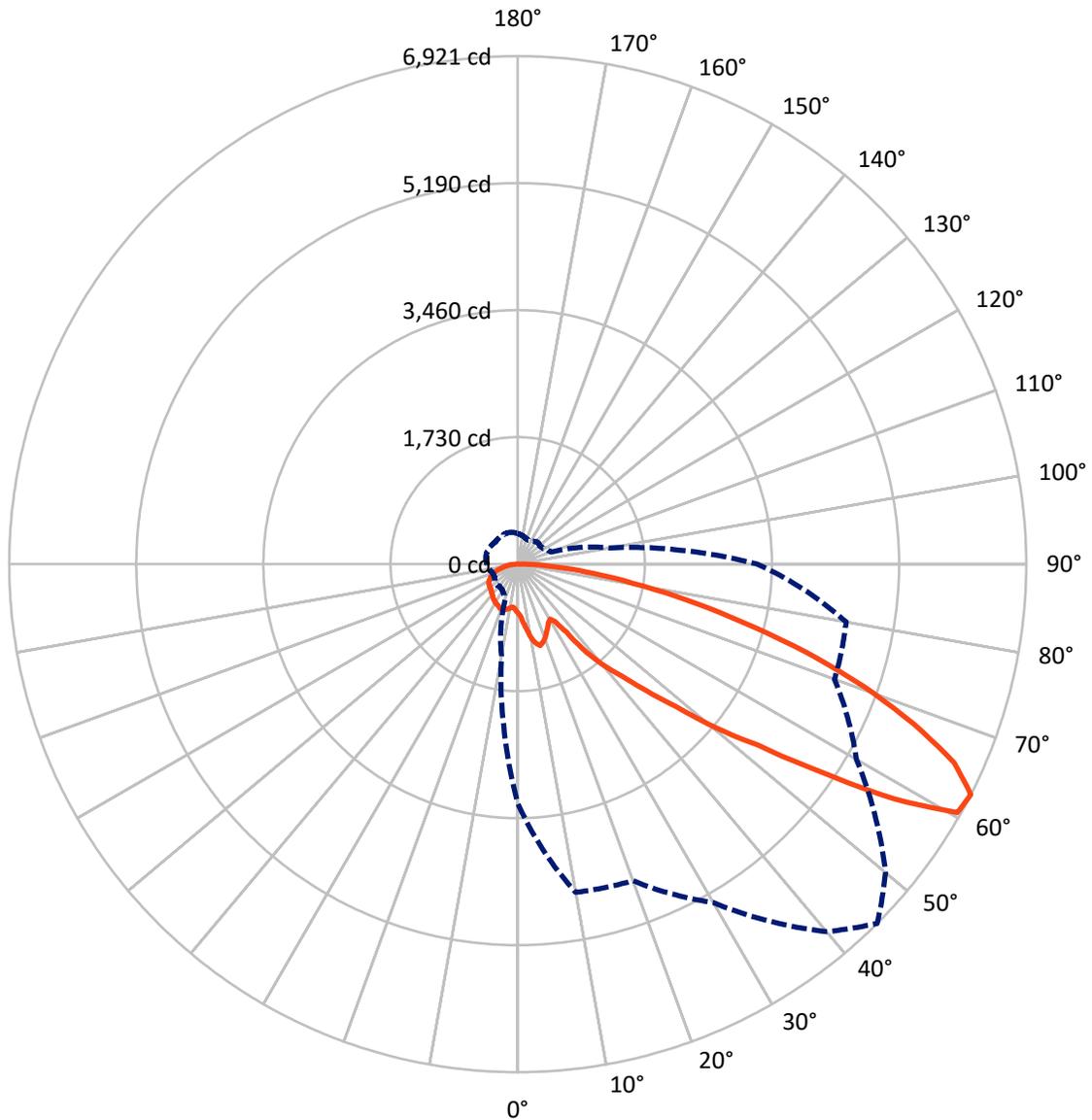


Based on 10 foot mounting height. Maximum calculated value = 10 fc  
 Type III - Short - N/A

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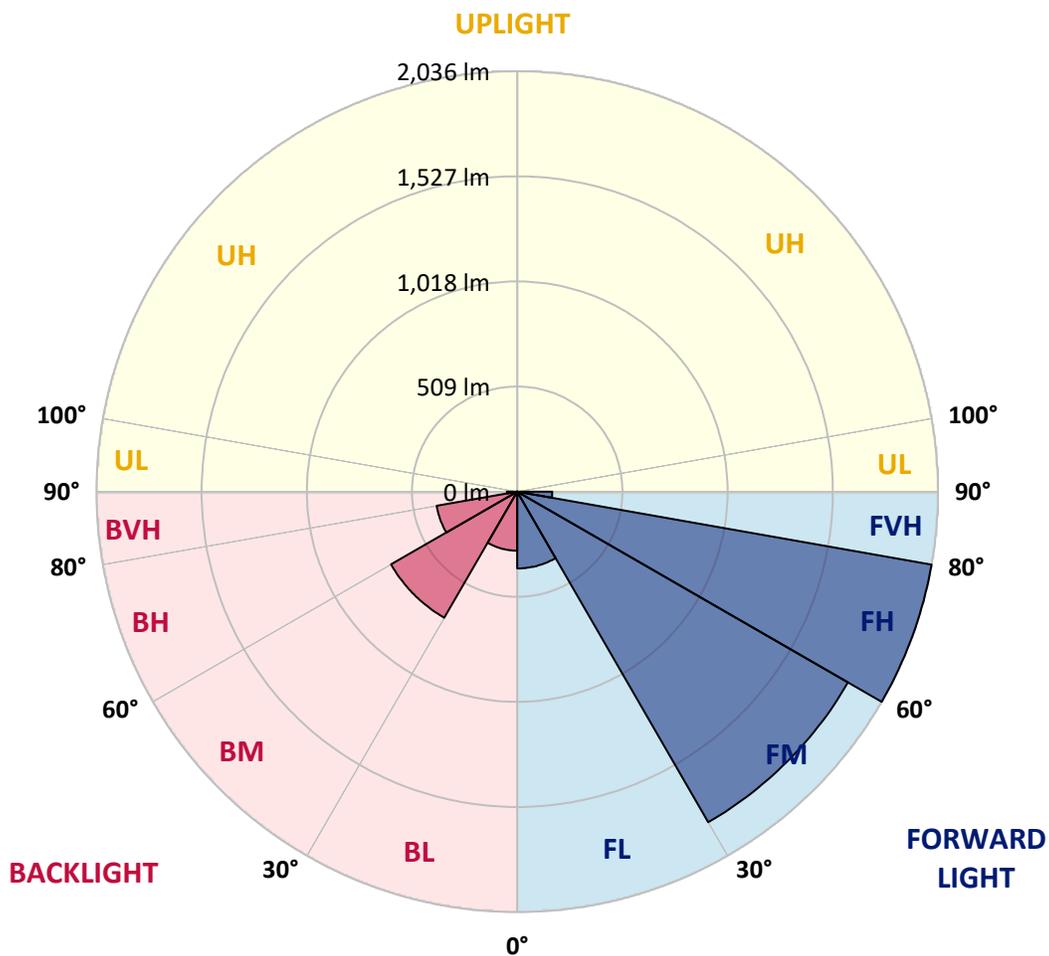
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

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	698.5	701.5	702.7	704.0	705.2	706.4	707.3	708.3	706.1	708.3
5°	744.1	753.2	762.4	770.3	778.3	784.3	790.2	793.2	796.2	801.1	796.2
7.5°	809.9	822.4	835.0	852.2	869.5	881.2	892.9	898.0	903.1	904.5	903.1
10°	857.7	889.8	921.9	941.0	960.1	974.0	988.1	1000.0	1012.1	1025.7	1012.1
12.5°	915.7	952.2	988.7	1016.2	1043.7	1061.4	1079.1	1090.9	1102.9	1106.9	1102.9
15°	973.0	1012.9	1052.7	1078.5	1104.3	1118.1	1131.8	1137.7	1143.6	1150.8	1143.6
17.5°	1036.2	1066.1	1095.9	1113.0	1130.0	1130.6	1131.2	1123.8	1116.4	1114.8	1116.4
20°	1081.1	1105.8	1130.5	1130.8	1131.2	1116.4	1101.7	1088.9	1076.1	1070.3	1076.1
22.5°	1114.1	1131.1	1148.1	1130.6	1113.2	1080.4	1047.7	1029.1	1010.5	1005.4	1010.5
25°	1159.0	1161.6	1164.2	1128.7	1093.2	1047.5	1001.8	978.0	954.1	948.4	954.1
27.5°	1187.8	1179.6	1171.3	1117.3	1063.4	1009.7	956.2	929.0	901.8	894.1	901.8
30°	1229.7	1199.8	1169.8	1100.3	1030.8	976.9	922.9	900.2	877.4	870.5	877.4
32.5°	1272.0	1222.1	1172.1	1097.6	1023.1	985.5	947.9	941.7	935.5	930.7	935.5
35°	1306.7	1250.6	1194.6	1138.4	1082.4	1088.1	1093.8	1114.0	1134.2	1133.8	1134.2
37.5°	1367.6	1310.2	1252.9	1243.6	1234.3	1306.7	1379.1	1437.2	1495.2	1525.5	1495.2
40°	1452.4	1412.2	1371.9	1405.5	1439.0	1539.6	1640.2	1709.0	1777.8	1828.1	1777.8
42.5°	1570.7	1547.7	1524.8	1566.8	1608.8	1719.2	1829.5	1923.3	2017.0	2087.4	2017.0
45°	1773.4	1749.7	1726.0	1746.1	1766.0	1904.2	2042.4	2189.2	2336.1	2460.1	2336.1
47.5°	2112.7	2057.6	2002.6	1985.9	1969.0	2155.2	2341.5	2556.0	2770.7	2898.3	2770.7
50°	2561.3	2475.3	2389.4	2310.9	2232.5	2495.2	2758.0	3070.6	3383.1	3514.7	3383.1
52.5°	2974.0	2895.1	2816.1	2678.2	2540.4	2851.3	3162.3	3568.2	3974.1	4100.2	3974.1
55°	3331.9	3364.9	3398.0	3211.4	3024.9	3369.9	3714.8	4234.8	4754.7	4977.3	4754.7
57.5°	3590.0	3883.6	4177.2	3977.8	3778.5	4100.5	4422.5	5040.5	5658.6	6031.1	5658.6
60°	3545.8	4134.2	4722.6	4634.1	4545.6	4820.7	5095.8	5766.4	6437.0	6872.1	6437.0
62.5°	3257.6	3898.0	4538.4	4563.4	4588.3	4955.7	5323.1	5929.4	6535.6	6920.6	6535.6
65°	2899.3	3502.1	4104.8	4141.8	4178.8	4603.6	5028.3	5623.0	6217.7	6528.3	6217.7
67.5°	2487.3	3114.1	3741.0	3763.3	3785.7	4173.9	4562.1	5097.4	5632.6	5811.1	5632.6
70°	2133.0	2730.1	3327.2	3376.1	3425.1	3764.1	4103.0	4499.3	4895.6	4997.6	4895.6
72.5°	1710.2	2310.7	2911.3	2986.1	3060.9	3309.3	3557.6	3834.7	4111.8	4102.2	4111.8
75°	1258.2	1821.0	2383.8	2487.3	2590.8	2743.1	2895.4	3041.7	3188.1	3146.6	3188.1
77.5°	872.4	1327.6	1782.7	1892.3	2002.0	2109.4	2216.8	2320.0	2423.1	2358.0	2423.1
80°	481.1	805.4	1129.7	1253.1	1376.5	1488.7	1600.9	1654.2	1707.4	1597.5	1707.4
82.5°	238.1	419.2	600.3	723.0	845.7	959.5	1073.2	1106.5	1139.8	1034.9	1139.8
85°	93.7	184.6	275.4	367.1	458.6	548.2	637.8	641.2	644.7	569.2	644.7
87.5°	33.7	70.9	108.1	155.2	202.4	250.5	298.7	297.0	295.2	243.7	295.2
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°	707.3	706.4	705.2	704.0	702.7	701.5	698.5	695.6	693.8	693.1	690.7
5°	793.2	790.2	784.3	778.3	770.3	762.4	753.2	744.1	738.6	731.1	720.4
7.5°	898.0	892.9	881.2	869.5	852.2	835.0	822.4	809.9	785.3	764.5	747.4
10°	1000.0	988.1	974.0	960.1	941.0	921.9	889.8	857.7	837.3	813.2	784.1
12.5°	1090.9	1079.1	1061.4	1043.7	1016.2	988.7	952.2	915.7	884.3	850.2	815.1
15°	1137.7	1131.8	1118.1	1104.3	1078.5	1052.7	1012.9	973.0	934.8	891.8	845.5
17.5°	1123.8	1131.2	1130.6	1130.0	1113.0	1095.9	1066.1	1036.2	980.3	925.2	870.4
20°	1088.9	1101.7	1116.4	1131.2	1130.8	1130.5	1105.8	1081.1	1024.7	964.9	898.5
22.5°	1029.1	1047.7	1080.4	1113.2	1130.6	1148.1	1131.1	1114.1	1055.3	991.0	914.0
25°	978.0	1001.8	1047.5	1093.2	1128.7	1164.2	1161.6	1159.0	1088.5	1013.4	923.9
27.5°	929.0	956.2	1009.7	1063.4	1117.3	1171.3	1179.6	1187.8	1124.4	1051.9	951.1
30°	900.2	922.9	976.9	1030.8	1100.3	1169.8	1199.8	1229.7	1164.4	1087.3	974.3
32.5°	941.7	947.9	985.5	1023.1	1097.6	1172.1	1222.1	1272.0	1201.6	1117.5	989.4
35°	1114.0	1093.8	1088.1	1082.4	1138.4	1194.6	1250.6	1306.7	1237.5	1148.9	1003.2
37.5°	1437.2	1379.1	1306.7	1234.3	1243.6	1252.9	1310.2	1367.6	1285.0	1179.6	1013.9
40°	1709.0	1640.2	1539.6	1439.0	1405.5	1371.9	1412.2	1452.4	1361.5	1234.8	1038.3
42.5°	1923.3	1829.5	1719.2	1608.8	1566.8	1524.8	1547.7	1570.7	1445.4	1285.9	1061.5
45°	2189.2	2042.4	1904.2	1766.0	1746.1	1726.0	1749.7	1773.4	1580.9	1356.8	1093.2
47.5°	2556.0	2341.5	2155.2	1969.0	1985.9	2002.6	2057.6	2112.7	1807.8	1471.0	1143.9
50°	3070.6	2758.0	2495.2	2232.5	2310.9	2389.4	2475.3	2561.3	2132.6	1653.7	1233.5
52.5°	3568.2	3162.3	2851.3	2540.4	2678.2	2816.1	2895.1	2974.0	2415.9	1801.5	1302.1
55°	4234.8	3714.8	3369.9	3024.9	3211.4	3398.0	3364.9	3331.9	2606.2	1862.0	1320.1
57.5°	5040.5	4422.5	4100.5	3778.5	3977.8	4177.2	3883.6	3590.0	2633.9	1750.7	1236.0
60°	5766.4	5095.8	4820.7	4545.6	4634.1	4722.6	4134.2	3545.8	2470.1	1506.0	1053.1
62.5°	5929.4	5323.1	4955.7	4588.3	4563.4	4538.4	3898.0	3257.6	2199.1	1264.9	875.1
65°	5623.0	5028.3	4603.6	4178.8	4141.8	4104.8	3502.1	2899.3	1898.2	1038.3	712.0
67.5°	5097.4	4562.1	4173.9	3785.7	3763.3	3741.0	3114.1	2487.3	1581.6	828.0	560.1
70°	4499.3	4103.0	3764.1	3425.1	3376.1	3327.2	2730.1	2133.0	1296.0	636.8	435.2
72.5°	3834.7	3557.6	3309.3	3060.9	2986.1	2911.3	2310.7	1710.2	1000.0	466.4	328.3
75°	3041.7	2895.4	2743.1	2590.8	2487.3	2383.8	1821.0	1258.2	719.7	328.8	242.7
77.5°	2320.0	2216.8	2109.4	2002.0	1892.3	1782.7	1327.6	872.4	495.7	229.4	178.8
80°	1654.2	1600.9	1488.7	1376.5	1253.1	1129.7	805.4	481.1	285.3	148.0	123.5
82.5°	1106.5	1073.2	959.5	845.7	723.0	600.3	419.2	238.1	152.2	93.1	83.1
85°	641.2	637.8	548.2	458.6	367.1	275.4	184.6	93.7	68.8	52.3	49.5
87.5°	297.0	298.7	250.5	202.4	155.2	108.1	70.9	33.7	26.2	21.7	20.8
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):**

	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°	688.3	683.9	679.6	676.5	673.3	669.7	664.0	661.1	658.3	655.5	652.7
5°	709.7	699.6	689.6	681.1	672.7	665.1	658.1	650.3	642.4	635.6	628.8
7.5°	730.3	714.1	697.9	685.4	673.0	661.2	649.6	640.4	631.1	623.5	616.0
10°	755.1	732.4	709.9	696.0	682.2	671.4	653.0	643.3	633.5	626.2	618.8
12.5°	780.0	751.4	723.0	702.9	682.8	667.8	660.1	655.6	651.1	645.8	640.4
15°	799.2	763.1	726.9	703.9	680.9	665.1	660.8	662.3	663.8	665.5	667.3
17.5°	815.6	768.6	721.5	694.4	667.4	652.0	659.2	664.4	669.5	677.4	685.2
20°	832.0	772.8	713.4	680.8	648.1	633.0	636.3	648.4	660.6	675.4	690.2
22.5°	837.1	766.9	696.6	659.6	622.8	607.8	620.7	635.7	650.5	666.1	681.5
25°	834.3	754.3	674.3	636.6	599.0	586.5	599.6	614.3	628.9	643.9	658.8
27.5°	850.3	757.4	664.5	622.8	581.0	567.5	580.2	592.5	604.9	618.0	631.1
30°	861.3	759.2	657.1	613.2	569.3	554.8	558.9	567.4	575.9	587.4	598.8
32.5°	861.2	750.5	639.8	598.6	557.4	544.3	548.4	551.9	555.4	563.6	571.8
35°	857.5	738.1	618.6	580.9	543.1	533.2	531.9	531.7	531.5	535.2	538.9
37.5°	848.2	719.7	591.1	555.1	519.1	511.9	509.1	506.8	504.5	506.9	509.3
40°	841.8	701.9	562.0	527.2	492.4	489.9	488.0	484.7	481.4	481.7	481.9
42.5°	837.1	687.1	537.1	503.8	470.4	465.7	460.5	458.9	457.3	456.5	455.5
45°	829.7	675.2	520.7	487.2	453.6	439.8	439.6	436.1	432.6	433.9	435.0
47.5°	816.9	662.9	508.9	478.5	448.1	426.4	418.3	416.4	414.6	416.6	418.5
50°	813.4	658.4	503.6	475.7	447.9	415.9	400.6	399.5	398.4	404.0	409.5
52.5°	802.7	647.1	491.4	469.9	448.3	416.6	395.8	392.9	390.0	398.2	406.4
55°	778.1	623.7	469.3	461.4	453.4	434.6	398.2	388.9	379.6	389.6	399.5
57.5°	721.5	588.8	456.0	451.0	446.0	446.4	405.3	387.5	369.7	379.6	389.4
60°	600.1	523.3	446.6	431.6	416.6	431.0	406.7	386.1	365.4	371.1	376.7
62.5°	485.3	448.9	412.5	400.5	388.5	405.4	396.8	379.2	361.7	361.0	360.4
65°	385.7	378.5	371.2	368.6	366.0	370.4	375.3	363.8	352.4	347.3	342.2
67.5°	292.3	298.7	305.2	317.9	330.6	332.4	343.9	337.6	331.3	327.4	323.4
70°	233.5	242.3	251.2	270.0	288.9	298.0	308.3	309.2	309.9	307.1	304.0
72.5°	190.3	197.9	205.7	227.0	248.2	268.2	279.3	279.3	279.4	278.0	276.5
75°	156.7	162.4	168.0	187.7	207.5	232.8	244.4	245.5	246.6	245.7	244.8
77.5°	128.2	131.0	133.7	151.7	169.6	199.4	211.4	214.1	216.8	215.8	214.7
80°	98.9	100.8	102.7	117.6	132.6	159.2	173.1	177.0	180.9	180.6	180.3
82.5°	73.0	74.1	75.2	86.5	97.9	116.9	131.9	138.0	144.1	148.6	152.9
85°	46.8	47.4	47.9	55.1	62.2	74.0	89.2	100.5	111.7	119.9	128.1
87.5°	19.8	19.1	18.5	22.1	25.7	32.1	50.6	62.0	73.5	77.7	81.9
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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CATALOG NUMBER: UPW-SA1-040-750-U-SLL

**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°	650.1	647.5	645.5	643.5	639.7	635.9	633.7	631.5	630.8	630.1	631.7
5°	624.5	620.3	615.7	611.1	607.6	604.0	601.3	598.5	597.3	596.2	596.6
7.5°	609.9	603.8	599.4	595.1	594.2	593.4	591.6	589.8	589.6	589.5	590.0
10°	613.2	607.7	604.6	601.6	600.6	599.6	599.6	599.4	601.3	603.1	604.6
12.5°	634.8	629.3	629.5	629.8	625.0	620.3	619.0	617.8	620.1	622.4	623.2
15°	665.8	664.3	658.9	653.4	647.7	642.0	640.2	638.3	638.1	638.0	637.2
17.5°	688.5	691.8	685.4	678.9	669.8	660.8	656.4	652.2	650.3	648.4	647.5
20°	695.7	701.2	694.9	688.7	678.6	668.4	661.7	655.0	654.0	653.0	653.0
22.5°	686.4	691.1	687.7	684.1	673.2	662.2	654.9	647.7	644.6	641.6	642.9
25°	665.5	672.3	671.5	670.7	659.3	647.9	639.9	631.9	630.4	628.9	628.5
27.5°	638.7	646.3	647.4	648.4	639.9	631.4	623.9	616.5	615.2	613.9	615.6
30°	606.7	614.5	617.3	619.9	614.5	609.1	604.0	599.0	599.2	599.4	602.0
32.5°	579.3	586.7	590.9	595.1	594.1	593.3	591.3	589.4	586.7	584.1	585.0
35°	545.7	552.5	560.5	568.5	569.6	570.6	571.4	572.1	572.1	572.1	574.3
37.5°	515.1	521.0	529.4	537.7	543.7	549.7	552.4	555.1	557.3	559.4	560.3
40°	487.2	492.6	500.4	508.3	519.3	530.4	536.5	542.7	542.9	543.1	541.8
42.5°	460.1	464.5	476.4	488.3	500.7	513.0	518.4	523.9	526.2	528.6	529.2
45°	440.7	446.4	456.7	467.0	481.2	495.3	502.0	508.8	510.0	511.2	510.9
47.5°	424.3	430.0	442.6	455.2	469.0	482.9	490.0	497.1	498.2	499.2	500.1
50°	416.0	422.6	433.5	444.4	459.1	473.9	483.7	493.5	493.2	492.9	490.3
52.5°	411.4	416.4	426.7	436.9	453.0	469.1	478.7	488.1	488.9	489.8	488.3
55°	405.6	411.7	423.0	434.3	448.6	462.9	472.1	481.3	482.2	483.3	480.4
57.5°	399.9	410.4	421.8	433.3	447.9	462.6	470.4	478.3	476.5	474.7	472.5
60°	391.7	406.7	417.6	428.4	442.0	455.5	461.0	466.4	464.3	462.1	457.2
62.5°	376.5	392.5	404.8	417.2	429.6	442.0	445.8	449.6	447.6	445.5	440.1
65°	356.4	370.6	383.8	396.9	407.1	417.4	422.1	426.7	423.4	420.0	414.5
67.5°	337.3	351.1	361.2	371.4	381.5	391.7	395.5	399.4	395.7	392.0	384.8
70°	314.3	324.4	337.4	350.4	356.1	361.7	363.8	366.0	362.5	358.9	354.3
72.5°	286.6	296.6	305.2	313.7	319.0	324.4	326.8	329.3	325.4	321.5	315.3
75°	253.4	262.0	269.9	277.7	283.5	289.2	290.7	292.1	287.2	282.3	275.9
77.5°	219.9	225.2	228.5	231.9	238.4	245.0	246.2	247.5	243.7	240.1	234.1
80°	182.7	185.2	186.1	187.0	191.8	196.6	197.9	199.2	197.5	195.7	190.7
82.5°	154.6	156.2	149.0	141.8	145.7	149.5	152.5	155.4	154.6	153.8	149.7
85°	123.2	118.4	99.8	81.2	88.6	96.0	100.9	105.8	106.6	107.4	104.5
87.5°	75.4	68.9	55.3	41.6	47.6	53.6	58.4	63.4	60.2	57.0	50.4
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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CATALOG NUMBER: UPW-SA1-040-750-U-SLL

**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°	633.2	635.3	633.2	631.7	630.1	630.8	631.5	633.7	635.9	639.7	643.5
5°	596.8	596.7	596.8	596.6	596.2	597.3	598.5	601.3	604.0	607.6	611.1
7.5°	590.5	588.2	590.5	590.0	589.5	589.6	589.8	591.6	593.4	594.2	595.1
10°	606.2	605.2	606.2	604.6	603.1	601.3	599.4	599.6	599.6	600.6	601.6
12.5°	624.1	622.2	624.1	623.2	622.4	620.1	617.8	619.0	620.3	625.0	629.8
15°	636.3	635.3	636.3	637.2	638.0	638.1	638.3	640.2	642.0	647.7	653.4
17.5°	646.6	647.8	646.6	647.5	648.4	650.3	652.2	656.4	660.8	669.8	678.9
20°	652.9	652.4	652.9	653.0	653.0	654.0	655.0	661.7	668.4	678.6	688.7
22.5°	644.2	648.4	644.2	642.9	641.6	644.6	647.7	654.9	662.2	673.2	684.1
25°	628.1	626.2	628.1	628.5	628.9	630.4	631.9	639.9	647.9	659.3	670.7
27.5°	617.1	618.3	617.1	615.6	613.9	615.2	616.5	623.9	631.4	639.9	648.4
30°	604.6	609.1	604.6	602.0	599.4	599.2	599.0	604.0	609.1	614.5	619.9
32.5°	585.9	589.5	585.9	585.0	584.1	586.7	589.4	591.3	593.3	594.1	595.1
35°	576.4	581.0	576.4	574.3	572.1	572.1	572.1	571.4	570.6	569.6	568.5
37.5°	561.2	561.3	561.2	560.3	559.4	557.3	555.1	552.4	549.7	543.7	537.7
40°	540.5	541.0	540.5	541.8	543.1	542.9	542.7	536.5	530.4	519.3	508.3
42.5°	529.8	531.2	529.8	529.2	528.6	526.2	523.9	518.4	513.0	500.7	488.3
45°	510.6	508.9	510.6	510.9	511.2	510.0	508.8	502.0	495.3	481.2	467.0
47.5°	500.9	502.4	500.9	500.1	499.2	498.2	497.1	490.0	482.9	469.0	455.2
50°	487.6	486.7	487.6	490.3	492.9	493.2	493.5	483.7	473.9	459.1	444.4
52.5°	486.8	487.3	486.8	488.3	489.8	488.9	488.1	478.7	469.1	453.0	436.9
55°	477.5	475.5	477.5	480.4	483.3	482.2	481.3	472.1	462.9	448.6	434.3
57.5°	470.3	470.9	470.3	472.5	474.7	476.5	478.3	470.4	462.6	447.9	433.3
60°	452.5	448.7	452.5	457.2	462.1	464.3	466.4	461.0	455.5	442.0	428.4
62.5°	434.6	427.7	434.6	440.1	445.5	447.6	449.6	445.8	442.0	429.6	417.2
65°	409.0	405.4	409.0	414.5	420.0	423.4	426.7	422.1	417.4	407.1	396.9
67.5°	377.6	372.0	377.6	384.8	392.0	395.7	399.4	395.5	391.7	381.5	371.4
70°	349.8	345.8	349.8	354.3	358.9	362.5	366.0	363.8	361.7	356.1	350.4
72.5°	309.2	305.2	309.2	315.3	321.5	325.4	329.3	326.8	324.4	319.0	313.7
75°	269.5	264.0	269.5	275.9	282.3	287.2	292.1	290.7	289.2	283.5	277.7
77.5°	228.1	222.7	228.1	234.1	240.1	243.7	247.5	246.2	245.0	238.4	231.9
80°	185.9	178.8	185.9	190.7	195.7	197.5	199.2	197.9	196.6	191.8	187.0
82.5°	145.5	139.5	145.5	149.7	153.8	154.6	155.4	152.5	149.5	145.7	141.8
85°	101.7	96.9	101.7	104.5	107.4	106.6	105.8	100.9	96.0	88.6	81.2
87.5°	43.9	36.7	43.9	50.4	57.0	60.2	63.4	58.4	53.6	47.6	41.6
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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CATALOG NUMBER: UPW-SA1-040-750-U-SLL

**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°	645.5	647.5	650.1	652.7	655.5	658.3	661.1	664.0	669.7	673.3	676.5
5°	615.7	620.3	624.5	628.8	635.6	642.4	650.3	658.1	665.1	672.7	681.1
7.5°	599.4	603.8	609.9	616.0	623.5	631.1	640.4	649.6	661.2	673.0	685.4
10°	604.6	607.7	613.2	618.8	626.2	633.5	643.3	653.0	671.4	682.2	696.0
12.5°	629.5	629.3	634.8	640.4	645.8	651.1	655.6	660.1	667.8	682.8	702.9
15°	658.9	664.3	665.8	667.3	665.5	663.8	662.3	660.8	665.1	680.9	703.9
17.5°	685.4	691.8	688.5	685.2	677.4	669.5	664.4	659.2	652.0	667.4	694.4
20°	694.9	701.2	695.7	690.2	675.4	660.6	648.4	636.3	633.0	648.1	680.8
22.5°	687.7	691.1	686.4	681.5	666.1	650.5	635.7	620.7	607.8	622.8	659.6
25°	671.5	672.3	665.5	658.8	643.9	628.9	614.3	599.6	586.5	599.0	636.6
27.5°	647.4	646.3	638.7	631.1	618.0	604.9	592.5	580.2	567.5	581.0	622.8
30°	617.3	614.5	606.7	598.8	587.4	575.9	567.4	558.9	554.8	569.3	613.2
32.5°	590.9	586.7	579.3	571.8	563.6	555.4	551.9	548.4	544.3	557.4	598.6
35°	560.5	552.5	545.7	538.9	535.2	531.5	531.7	531.9	533.2	543.1	580.9
37.5°	529.4	521.0	515.1	509.3	506.9	504.5	506.8	509.1	511.9	519.1	555.1
40°	500.4	492.6	487.2	481.9	481.7	481.4	484.7	488.0	489.9	492.4	527.2
42.5°	476.4	464.5	460.1	455.5	456.5	457.3	458.9	460.5	465.7	470.4	503.8
45°	456.7	446.4	440.7	435.0	433.9	432.6	436.1	439.6	439.8	453.6	487.2
47.5°	442.6	430.0	424.3	418.5	416.6	414.6	416.4	418.3	426.4	448.1	478.5
50°	433.5	422.6	416.0	409.5	404.0	398.4	399.5	400.6	415.9	447.9	475.7
52.5°	426.7	416.4	411.4	406.4	398.2	390.0	392.9	395.8	416.6	448.3	469.9
55°	423.0	411.7	405.6	399.5	389.6	379.6	388.9	398.2	434.6	453.4	461.4
57.5°	421.8	410.4	399.9	389.4	379.6	369.7	387.5	405.3	446.4	446.0	451.0
60°	417.6	406.7	391.7	376.7	371.1	365.4	386.1	406.7	431.0	416.6	431.6
62.5°	404.8	392.5	376.5	360.4	361.0	361.7	379.2	396.8	405.4	388.5	400.5
65°	383.8	370.6	356.4	342.2	347.3	352.4	363.8	375.3	370.4	366.0	368.6
67.5°	361.2	351.1	337.3	323.4	327.4	331.3	337.6	343.9	332.4	330.6	317.9
70°	337.4	324.4	314.3	304.0	307.1	309.9	309.2	308.3	298.0	288.9	270.0
72.5°	305.2	296.6	286.6	276.5	278.0	279.4	279.3	279.3	268.2	248.2	227.0
75°	269.9	262.0	253.4	244.8	245.7	246.6	245.5	244.4	232.8	207.5	187.7
77.5°	228.5	225.2	219.9	214.7	215.8	216.8	214.1	211.4	199.4	169.6	151.7
80°	186.1	185.2	182.7	180.3	180.6	180.9	177.0	173.1	159.2	132.6	117.6
82.5°	149.0	156.2	154.6	152.9	148.6	144.1	138.0	131.9	116.9	97.9	86.5
85°	99.8	118.4	123.2	128.1	119.9	111.7	100.5	89.2	74.0	62.2	55.1
87.5°	55.3	68.9	75.4	81.9	77.7	73.5	62.0	50.6	32.1	25.7	22.1
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: P1208129

CATALOG NUMBER: UPW-SA1-040-750-U-SLL

**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°	679.6	683.9	688.3	690.7	693.1	693.8	695.6
5°	689.6	699.6	709.7	720.4	731.1	738.6	744.1
7.5°	697.9	714.1	730.3	747.4	764.5	785.3	809.9
10°	709.9	732.4	755.1	784.1	813.2	837.3	857.7
12.5°	723.0	751.4	780.0	815.1	850.2	884.3	915.7
15°	726.9	763.1	799.2	845.5	891.8	934.8	973.0
17.5°	721.5	768.6	815.6	870.4	925.2	980.3	1036.2
20°	713.4	772.8	832.0	898.5	964.9	1024.7	1081.1
22.5°	696.6	766.9	837.1	914.0	991.0	1055.3	1114.1
25°	674.3	754.3	834.3	923.9	1013.4	1088.5	1159.0
27.5°	664.5	757.4	850.3	951.1	1051.9	1124.4	1187.8
30°	657.1	759.2	861.3	974.3	1087.3	1164.4	1229.7
32.5°	639.8	750.5	861.2	989.4	1117.5	1201.6	1272.0
35°	618.6	738.1	857.5	1003.2	1148.9	1237.5	1306.7
37.5°	591.1	719.7	848.2	1013.9	1179.6	1285.0	1367.6
40°	562.0	701.9	841.8	1038.3	1234.8	1361.5	1452.4
42.5°	537.1	687.1	837.1	1061.5	1285.9	1445.4	1570.7
45°	520.7	675.2	829.7	1093.2	1356.8	1580.9	1773.4
47.5°	508.9	662.9	816.9	1143.9	1471.0	1807.8	2112.7
50°	503.6	658.4	813.4	1233.5	1653.7	2132.6	2561.3
52.5°	491.4	647.1	802.7	1302.1	1801.5	2415.9	2974.0
55°	469.3	623.7	778.1	1320.1	1862.0	2606.2	3331.9
57.5°	456.0	588.8	721.5	1236.0	1750.7	2633.9	3590.0
60°	446.6	523.3	600.1	1053.1	1506.0	2470.1	3545.8
62.5°	412.5	448.9	485.3	875.1	1264.9	2199.1	3257.6
65°	371.2	378.5	385.7	712.0	1038.3	1898.2	2899.3
67.5°	305.2	298.7	292.3	560.1	828.0	1581.6	2487.3
70°	251.2	242.3	233.5	435.2	636.8	1296.0	2133.0
72.5°	205.7	197.9	190.3	328.3	466.4	1000.0	1710.2
75°	168.0	162.4	156.7	242.7	328.8	719.7	1258.2
77.5°	133.7	131.0	128.2	178.8	229.4	495.7	872.4
80°	102.7	100.8	98.9	123.5	148.0	285.3	481.1
82.5°	75.2	74.1	73.0	83.1	93.1	152.2	238.1
85°	47.9	47.4	46.8	49.5	52.3	68.8	93.7
87.5°	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

(END OF REPORT)