

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: P1208912

Luminaire Tested: UPW-SA2-070-827-U-SLL

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208912
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-SA2-070-827-U-SLL
Description: UNDERPASS WALL MOUNT LUMINAIRE
(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR
LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6867 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

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

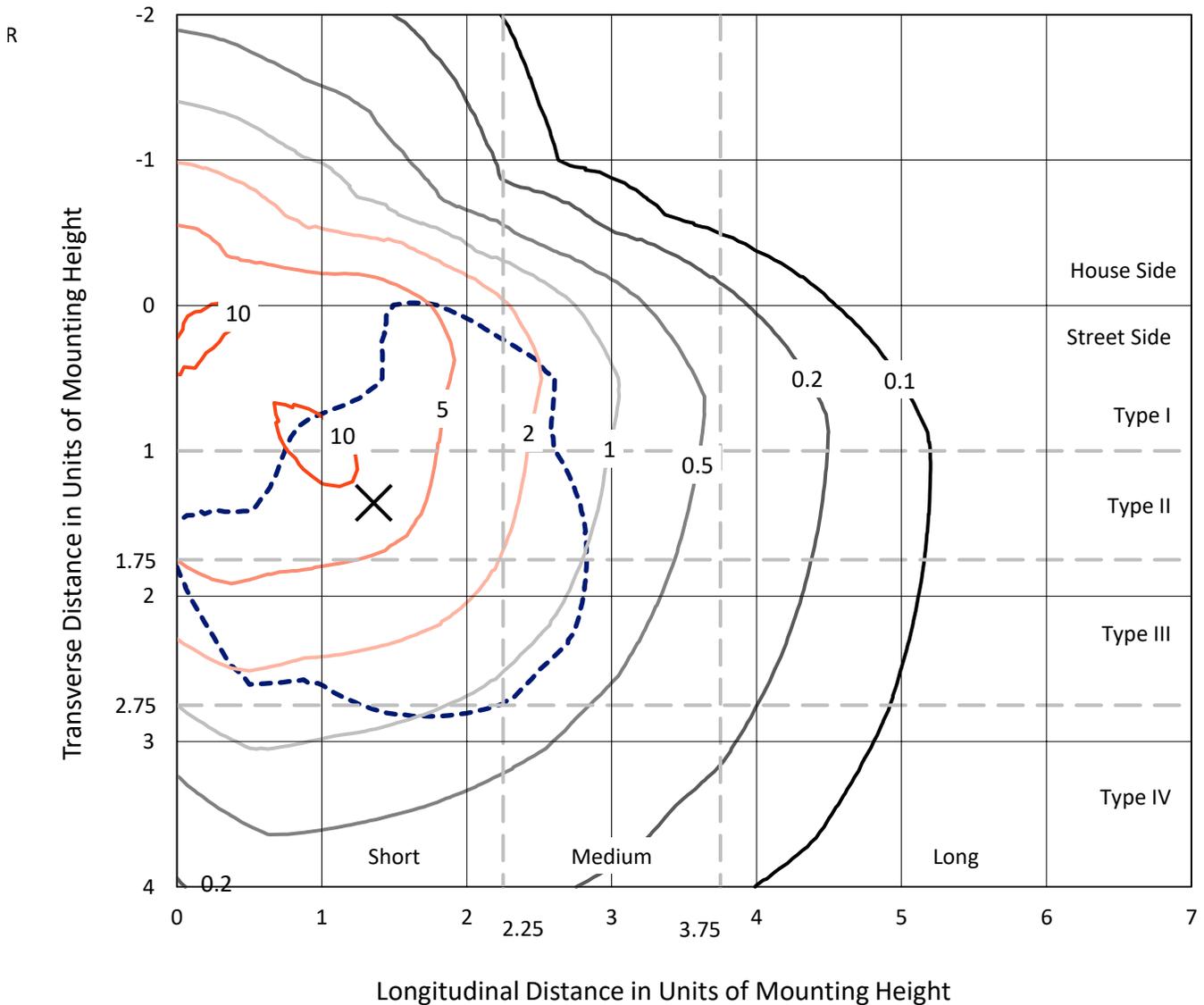


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

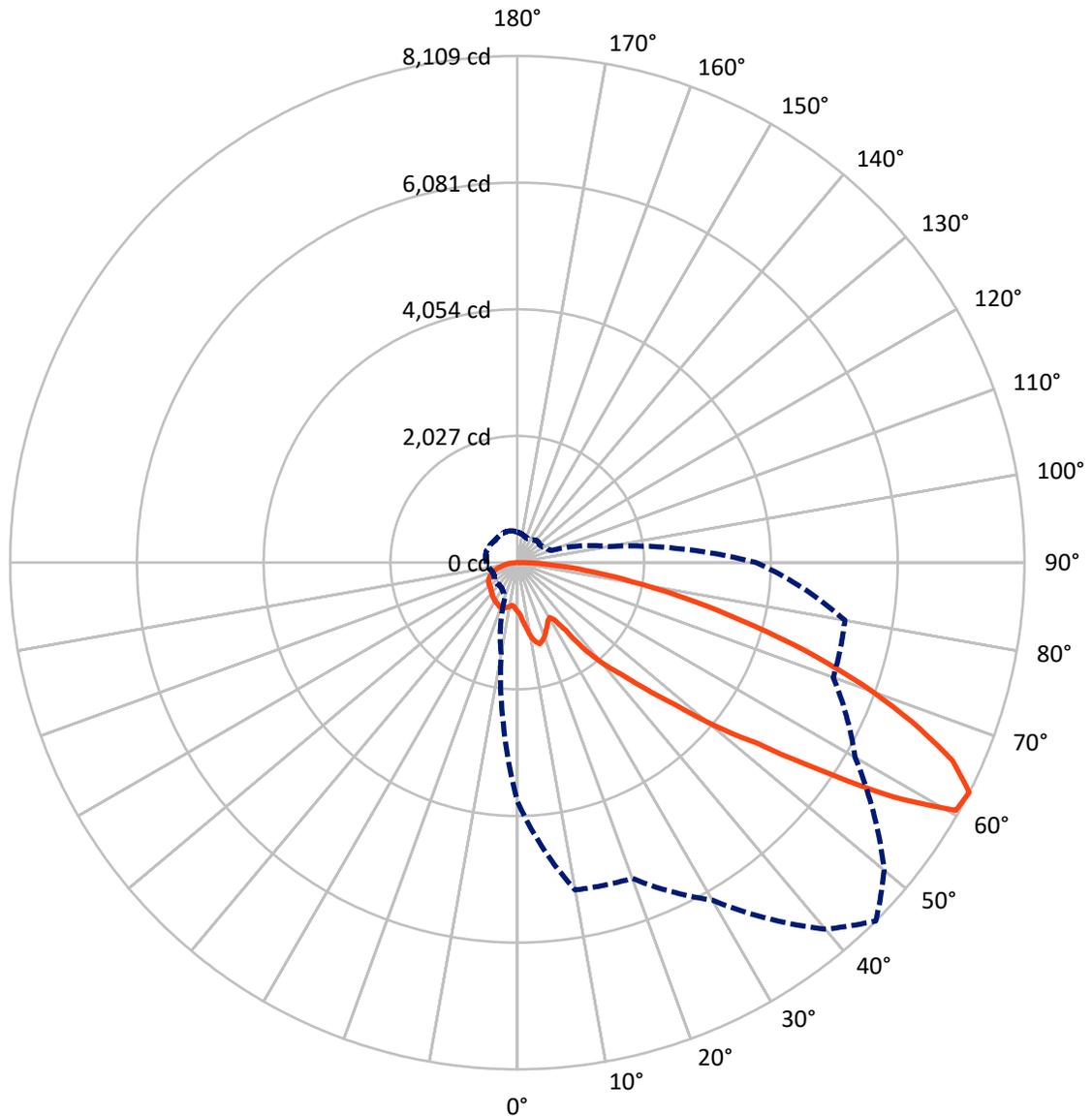


Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
 Type III - Short - N/A

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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	1682.9	0.0	1682.9
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	5184.1	0.0	5184.1
	% Fixture	75.5	0.0	75.5
Total	Lumens	6867.0	0.0	6867.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.1	1.1
10°-20°	263.4	3.8
20°-30°	428.5	6.2
30°-40°	584.4	8.5
40°-50°	884.9	12.9
50°-60°	1521.7	22.2
60°-70°	1784.5	26.0
70°-80°	1064.3	15.5
80°-90°	257.1	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°	6867.0	100.0
0°-180°	6867.0	100.0



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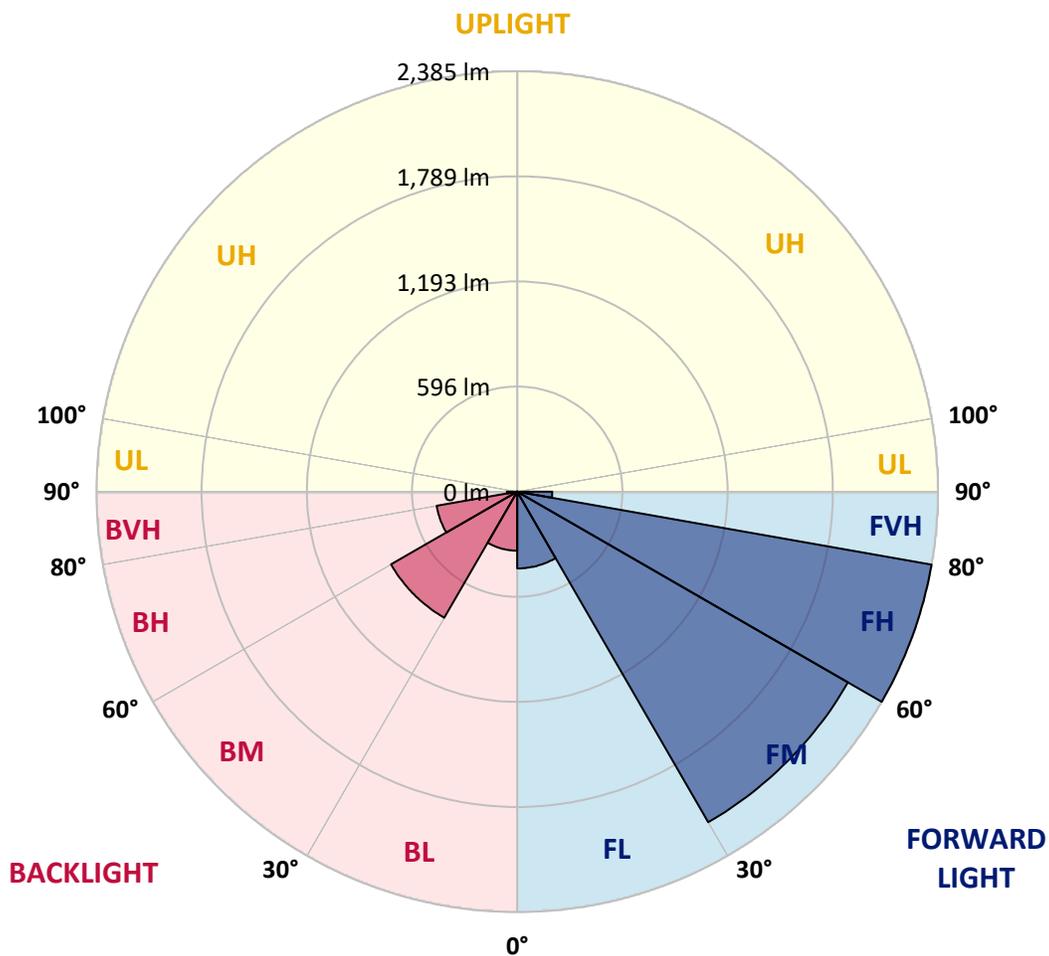
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	435.3	6.3			
FM	(30°-60°)	2165.0	31.5			
FH	(60°-80°)	2385.1	34.7			G2/5000
FVH	(80°-90°)	198.7	2.9			G2/225
BL	(0°-30°)	334.8	4.9	B1/500		
BM	(30°-60°)	826.0	12.0	B1/1000		
BH	(60°-80°)	463.7	6.8	B1/500		G1/500
BVH	(80°-90°)	58.4	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°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	815.0	818.4	821.9	823.4	824.8	826.2	827.7	828.7	829.9	827.3	829.9
5°	871.8	882.5	893.3	902.6	911.8	918.9	925.9	929.3	932.9	938.5	932.9
7.5°	948.9	963.6	978.3	998.5	1018.7	1032.5	1046.1	1052.1	1058.1	1059.8	1058.1
10°	1004.9	1042.5	1080.1	1102.5	1124.9	1141.2	1157.6	1171.7	1185.8	1201.8	1185.8
12.5°	1072.8	1115.7	1158.4	1190.6	1222.9	1243.6	1264.3	1278.2	1292.2	1296.9	1292.2
15°	1140.0	1186.7	1233.4	1263.6	1293.9	1310.0	1326.1	1333.0	1339.9	1348.3	1339.9
17.5°	1214.0	1249.0	1284.0	1304.0	1323.9	1324.6	1325.3	1316.7	1308.0	1306.1	1308.0
20°	1266.6	1295.5	1324.6	1324.9	1325.3	1308.1	1290.8	1275.7	1260.8	1254.0	1260.8
22.5°	1305.4	1325.2	1345.1	1324.6	1304.2	1265.8	1227.5	1205.7	1183.9	1178.0	1183.9
25°	1357.9	1361.0	1364.1	1322.4	1280.8	1227.2	1173.8	1145.8	1117.8	1111.2	1117.8
27.5°	1391.7	1382.0	1372.3	1309.1	1245.9	1183.0	1120.3	1088.4	1056.6	1047.5	1056.6
30°	1440.8	1405.7	1370.6	1289.2	1207.8	1144.5	1081.3	1054.7	1028.0	1019.9	1028.0
32.5°	1490.3	1431.8	1373.3	1286.0	1198.7	1154.6	1110.6	1103.4	1096.1	1090.5	1096.1
35°	1531.0	1465.3	1399.6	1333.8	1268.2	1274.8	1281.6	1305.2	1328.9	1328.4	1328.9
37.5°	1602.4	1535.1	1467.9	1457.0	1446.2	1531.0	1615.8	1683.9	1751.9	1787.3	1751.9
40°	1701.7	1654.5	1607.3	1646.7	1686.0	1803.9	1921.8	2002.3	2082.9	2141.8	2082.9
42.5°	1840.3	1813.4	1786.5	1835.7	1884.9	2014.3	2143.5	2253.4	2363.2	2445.7	2363.2
45°	2077.8	2050.1	2022.3	2045.8	2069.1	2231.0	2392.9	2565.0	2737.1	2882.4	2737.1
47.5°	2475.3	2410.8	2346.4	2326.7	2307.0	2525.2	2743.3	2994.8	3246.3	3395.8	3246.3
50°	3001.0	2900.2	2799.5	2707.6	2615.7	2923.5	3231.4	3597.6	3963.8	4117.9	3963.8
52.5°	3484.4	3392.0	3299.5	3138.0	2976.4	3340.7	3705.1	4180.6	4656.2	4804.0	4656.2
55°	3903.8	3942.5	3981.2	3762.6	3544.1	3948.3	4352.4	4961.6	5570.8	5831.6	5570.8
57.5°	4206.2	4550.1	4894.2	4660.6	4427.1	4804.3	5181.6	5905.7	6629.9	7066.3	6629.9
60°	4154.4	4843.8	5533.2	5429.5	5325.8	5648.2	5970.5	6756.2	7541.9	8051.7	7541.9
62.5°	3816.7	4567.0	5317.4	5346.6	5375.9	5806.3	6236.8	6947.1	7657.4	8108.5	7657.4
65°	3397.0	4103.2	4809.4	4852.7	4896.1	5393.8	5891.4	6588.2	7284.9	7648.8	7284.9
67.5°	2914.3	3648.7	4383.1	4409.2	4435.5	4890.3	5345.2	5972.3	6599.4	6808.5	6599.4
70°	2499.1	3198.7	3898.3	3955.6	4013.0	4410.2	4807.2	5271.6	5736.0	5855.4	5736.0
72.5°	2003.7	2707.4	3411.0	3498.6	3586.3	3877.3	4168.2	4492.9	4817.5	4806.3	4817.5
75°	1474.2	2133.6	2793.0	2914.3	3035.5	3213.9	3392.3	3563.8	3735.3	3686.7	3735.3
77.5°	1022.2	1555.5	2088.7	2217.1	2345.6	2471.5	2597.3	2718.2	2839.0	2762.7	2839.0
80°	563.7	943.6	1323.6	1468.1	1612.7	1744.3	1875.7	1938.1	2000.4	1871.7	2000.4
82.5°	279.0	491.1	703.3	847.1	990.9	1124.2	1257.4	1296.5	1335.5	1212.5	1335.5
85°	109.7	216.3	322.7	430.1	537.3	642.3	747.3	751.3	755.4	666.9	755.4
87.5°	39.5	83.0	126.6	181.9	237.1	293.5	349.9	347.9	345.9	285.5	345.9
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	828.7	827.7	826.2	824.8	823.4	821.9	818.4	815.0	812.8	812.1	809.2
5°	929.3	925.9	918.9	911.8	902.6	893.3	882.5	871.8	865.4	856.6	844.1
7.5°	1052.1	1046.1	1032.5	1018.7	998.5	978.3	963.6	948.9	920.1	895.7	875.7
10°	1171.7	1157.6	1141.2	1124.9	1102.5	1080.1	1042.5	1004.9	981.1	952.7	918.7
12.5°	1278.2	1264.3	1243.6	1222.9	1190.6	1158.4	1115.7	1072.8	1036.1	996.1	955.0
15°	1333.0	1326.1	1310.0	1293.9	1263.6	1233.4	1186.7	1140.0	1095.3	1044.8	990.7
17.5°	1316.7	1325.3	1324.6	1323.9	1304.0	1284.0	1249.0	1214.0	1148.6	1084.0	1019.8
20°	1275.7	1290.8	1308.1	1325.3	1324.9	1324.6	1295.5	1266.6	1200.5	1130.6	1052.7
22.5°	1205.7	1227.5	1265.8	1304.2	1324.6	1345.1	1325.2	1305.4	1236.4	1161.1	1070.9
25°	1145.8	1173.8	1227.2	1280.8	1322.4	1364.1	1361.0	1357.9	1275.4	1187.3	1082.4
27.5°	1088.4	1120.3	1183.0	1245.9	1309.1	1372.3	1382.0	1391.7	1317.3	1232.5	1114.4
30°	1054.7	1081.3	1144.5	1207.8	1289.2	1370.6	1405.7	1440.8	1364.3	1273.9	1141.5
32.5°	1103.4	1110.6	1154.6	1198.7	1286.0	1373.3	1431.8	1490.3	1407.8	1309.4	1159.2
35°	1305.2	1281.6	1274.8	1268.2	1333.8	1399.6	1465.3	1531.0	1450.0	1346.0	1175.4
37.5°	1683.9	1615.8	1531.0	1446.2	1457.0	1467.9	1535.1	1602.4	1505.5	1382.1	1188.0
40°	2002.3	1921.8	1803.9	1686.0	1646.7	1607.3	1654.5	1701.7	1595.2	1446.7	1216.5
42.5°	2253.4	2143.5	2014.3	1884.9	1835.7	1786.5	1813.4	1840.3	1693.5	1506.6	1243.7
45°	2565.0	2392.9	2231.0	2069.1	2045.8	2022.3	2050.1	2077.8	1852.2	1589.7	1280.9
47.5°	2994.8	2743.3	2525.2	2307.0	2326.7	2346.4	2410.8	2475.3	2118.1	1723.5	1340.3
50°	3597.6	3231.4	2923.5	2615.7	2707.6	2799.5	2900.2	3001.0	2498.7	1937.6	1445.2
52.5°	4180.6	3705.1	3340.7	2976.4	3138.0	3299.5	3392.0	3484.4	2830.6	2110.8	1525.6
55°	4961.6	4352.4	3948.3	3544.1	3762.6	3981.2	3942.5	3903.8	3053.5	2181.6	1546.6
57.5°	5905.7	5181.6	4804.3	4427.1	4660.6	4894.2	4550.1	4206.2	3086.0	2051.1	1448.2
60°	6756.2	5970.5	5648.2	5325.8	5429.5	5533.2	4843.8	4154.4	2894.1	1764.4	1233.8
62.5°	6947.1	6236.8	5806.3	5375.9	5346.6	5317.4	4567.0	3816.7	2576.5	1482.0	1025.3
65°	6588.2	5891.4	5393.8	4896.1	4852.7	4809.4	4103.2	3397.0	2224.0	1216.5	834.2
67.5°	5972.3	5345.2	4890.3	4435.5	4409.2	4383.1	3648.7	2914.3	1853.1	970.2	656.3
70°	5271.6	4807.2	4410.2	4013.0	3955.6	3898.3	3198.7	2499.1	1518.5	746.1	509.9
72.5°	4492.9	4168.2	3877.3	3586.3	3498.6	3411.0	2707.4	2003.7	1171.7	546.4	384.6
75°	3563.8	3392.3	3213.9	3035.5	2914.3	2793.0	2133.6	1474.2	843.2	385.2	284.4
77.5°	2718.2	2597.3	2471.5	2345.6	2217.1	2088.7	1555.5	1022.2	580.8	268.7	209.5
80°	1938.1	1875.7	1744.3	1612.7	1468.1	1323.6	943.6	563.7	334.3	173.4	144.7
82.5°	1296.5	1257.4	1124.2	990.9	847.1	703.3	491.1	279.0	178.3	109.1	97.4
85°	751.3	747.3	642.3	537.3	430.1	322.7	216.3	109.7	80.6	61.2	58.0
87.5°	347.9	349.9	293.5	237.1	181.9	126.6	83.0	39.5	30.7	25.5	24.4
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°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	806.4	801.3	796.2	792.6	788.9	784.7	778.0	774.6	771.3	768.0	764.7
5°	831.5	819.7	807.9	798.0	788.1	779.3	771.1	761.9	752.7	744.7	736.7
7.5°	855.7	836.6	817.7	803.1	788.5	774.7	761.1	750.3	739.4	730.6	721.8
10°	884.7	858.1	831.7	815.5	799.3	786.6	765.1	753.7	742.2	733.6	725.1
12.5°	913.8	880.4	847.1	823.5	800.0	782.4	773.4	768.1	762.8	756.6	750.4
15°	936.4	894.0	851.7	824.7	797.7	779.3	774.2	775.9	777.8	779.8	781.8
17.5°	955.6	900.5	845.3	813.6	782.0	764.0	772.3	778.5	784.4	793.7	802.9
20°	974.8	905.4	835.9	797.6	759.4	741.7	745.5	759.7	773.9	791.3	808.7
22.5°	980.8	898.5	816.1	772.9	729.7	712.2	727.3	744.8	762.2	780.4	798.5
25°	977.5	883.8	790.1	745.9	701.8	687.2	702.6	719.8	736.9	754.4	771.9
27.5°	996.3	887.4	778.5	729.7	680.7	665.0	679.8	694.2	708.7	724.1	739.4
30°	1009.1	889.5	769.9	718.5	667.0	650.0	654.8	664.8	674.7	688.2	701.6
32.5°	1009.0	879.3	749.6	701.3	653.1	637.7	642.5	646.6	650.8	660.4	670.0
35°	1004.7	864.8	724.8	680.6	636.3	624.7	623.2	623.0	622.8	627.1	631.4
37.5°	993.8	843.2	692.6	650.4	608.2	599.7	596.5	593.8	591.1	593.9	596.7
40°	986.3	822.4	658.4	617.7	576.9	574.0	571.7	567.9	564.0	564.4	564.7
42.5°	980.8	805.0	629.3	590.2	551.2	545.6	539.5	537.6	535.8	534.8	533.7
45°	972.2	791.1	610.1	570.8	531.4	515.3	515.1	510.9	506.9	508.3	509.7
47.5°	957.1	776.7	596.3	560.7	525.1	499.6	490.1	487.9	485.8	488.1	490.4
50°	953.0	771.4	590.0	557.3	524.8	487.3	469.3	468.0	466.7	473.3	479.8
52.5°	940.5	758.1	575.7	550.5	525.3	488.1	463.7	460.4	457.0	466.6	476.2
55°	911.7	730.7	549.9	540.6	531.2	509.2	466.6	455.6	444.7	456.5	468.1
57.5°	845.3	689.8	534.3	528.4	522.6	523.0	474.9	454.0	433.2	444.7	456.2
60°	703.1	613.2	523.2	505.6	488.1	505.0	476.6	452.3	428.1	434.7	441.4
62.5°	568.7	526.0	483.3	469.3	455.2	475.0	464.9	444.3	423.8	423.0	422.2
65°	451.9	443.4	435.0	431.9	428.8	434.0	439.7	426.3	412.9	406.9	401.0
67.5°	342.4	350.0	357.6	372.5	387.4	389.5	402.9	395.5	388.2	383.6	378.9
70°	273.6	283.9	294.3	316.3	338.4	349.2	361.2	362.2	363.1	359.8	356.2
72.5°	222.9	231.9	241.0	265.9	290.8	314.3	327.2	327.2	327.3	325.7	324.0
75°	183.6	190.2	196.8	219.9	243.1	272.8	286.3	287.6	288.9	287.9	286.9
77.5°	150.3	153.5	156.7	177.7	198.8	233.7	247.7	250.9	254.0	252.8	251.6
80°	115.9	118.1	120.3	137.8	155.4	186.5	202.8	207.4	212.0	211.7	211.2
82.5°	85.6	86.8	88.1	101.4	114.7	137.0	154.6	161.7	168.8	174.0	179.2
85°	54.9	55.6	56.2	64.5	72.9	86.7	104.5	117.7	130.8	140.4	150.0
87.5°	23.2	22.4	21.6	25.9	30.1	37.6	59.2	72.7	86.1	91.0	95.9
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-SA2-070-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	761.7	758.6	756.3	754.0	749.5	745.0	742.5	739.9	739.1	738.3	740.1
5°	731.7	726.7	721.4	716.0	711.9	707.7	704.5	701.3	699.9	698.5	699.0
7.5°	714.5	707.4	702.3	697.2	696.2	695.3	693.1	691.1	690.8	690.7	691.3
10°	718.5	712.0	708.4	704.9	703.7	702.6	702.5	702.3	704.5	706.6	708.4
12.5°	743.8	737.3	737.6	737.9	732.3	726.7	725.3	723.8	726.6	729.2	730.2
15°	780.1	778.3	771.9	765.5	758.9	752.2	750.1	747.8	747.6	747.5	746.5
17.5°	806.7	810.5	803.0	795.4	784.8	774.2	769.1	764.2	762.0	759.7	758.7
20°	815.1	821.5	814.2	806.9	795.0	783.1	775.2	767.4	766.3	765.1	765.0
22.5°	804.2	809.8	805.7	801.6	788.7	775.9	767.3	758.8	755.2	751.7	753.2
25°	779.8	787.7	786.8	785.8	772.5	759.1	749.8	740.4	738.6	736.9	736.4
27.5°	748.3	757.3	758.5	759.7	749.8	739.8	731.0	722.3	720.8	719.2	721.2
30°	710.8	720.0	723.2	726.4	720.0	713.7	707.7	701.8	702.1	702.3	705.3
32.5°	678.7	687.4	692.3	697.2	696.1	695.1	692.8	690.5	687.4	684.4	685.4
35°	639.3	647.3	656.8	666.1	667.3	668.6	669.5	670.3	670.3	670.3	672.9
37.5°	603.6	610.5	620.2	630.0	637.0	644.0	647.2	650.4	652.9	655.4	656.4
40°	570.9	577.1	586.3	595.5	608.5	621.5	628.6	635.8	636.1	636.3	634.8
42.5°	539.0	544.2	558.2	572.1	586.6	601.0	607.4	613.8	616.5	619.3	620.0
45°	516.4	523.0	535.0	547.2	563.7	580.3	588.2	596.1	597.5	599.0	598.6
47.5°	497.1	503.8	518.6	533.4	549.5	565.7	574.1	582.5	583.7	584.9	585.9
50°	487.5	495.1	508.0	520.7	538.0	555.2	566.7	578.2	577.9	577.5	574.4
52.5°	482.0	487.9	499.9	511.9	530.7	549.6	560.8	571.9	572.9	573.9	572.1
55°	475.2	482.3	495.6	508.8	525.6	542.4	553.2	563.9	565.0	566.2	562.8
57.5°	468.5	480.8	494.2	507.6	524.8	541.9	551.2	560.4	558.3	556.2	553.6
60°	459.0	476.6	489.2	501.9	517.9	533.7	540.1	546.4	543.9	541.4	535.7
62.5°	441.1	459.8	474.3	488.8	503.3	517.9	522.3	526.8	524.5	522.0	515.6
65°	417.5	434.2	449.6	465.1	477.0	489.0	494.5	500.0	496.1	492.1	485.7
67.5°	395.1	411.3	423.2	435.1	447.0	458.9	463.4	468.0	463.6	459.3	450.9
70°	368.2	380.0	395.3	410.6	417.2	423.8	426.3	428.8	424.7	420.5	415.2
72.5°	335.7	347.5	357.5	367.6	373.8	380.0	382.9	385.9	381.3	376.6	369.4
75°	296.9	307.0	316.2	325.4	332.1	338.8	340.6	342.3	336.5	330.8	323.2
77.5°	257.7	263.8	267.8	271.7	279.3	287.0	288.5	289.9	285.6	281.3	274.3
80°	214.1	217.0	218.0	219.1	224.8	230.4	231.9	233.4	231.4	229.3	223.5
82.5°	181.1	183.0	174.6	166.1	170.7	175.1	178.7	182.0	181.1	180.2	175.4
85°	144.4	138.7	117.0	95.2	103.8	112.4	118.2	123.9	124.9	125.9	122.5
87.5°	88.3	80.7	64.8	48.7	55.7	62.8	68.5	74.3	70.5	66.8	59.1
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: P1208912

CATALOG NUMBER: UPW-SA2-070-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	741.9	744.4	741.9	740.1	738.3	739.1	739.9	742.5	745.0	749.5	754.0
5°	699.3	699.1	699.3	699.0	698.5	699.9	701.3	704.5	707.7	711.9	716.0
7.5°	691.8	689.1	691.8	691.3	690.7	690.8	691.1	693.1	695.3	696.2	697.2
10°	710.2	709.1	710.2	708.4	706.6	704.5	702.3	702.5	702.6	703.7	704.9
12.5°	731.2	729.0	731.2	730.2	729.2	726.6	723.8	725.3	726.7	732.3	737.9
15°	745.5	744.4	745.5	746.5	747.5	747.6	747.8	750.1	752.2	758.9	765.5
17.5°	757.6	759.0	757.6	758.7	759.7	762.0	764.2	769.1	774.2	784.8	795.4
20°	765.0	764.3	765.0	765.0	765.1	766.3	767.4	775.2	783.1	795.0	806.9
22.5°	754.8	759.7	754.8	753.2	751.7	755.2	758.8	767.3	775.9	788.7	801.6
25°	735.9	733.6	735.9	736.4	736.9	738.6	740.4	749.8	759.1	772.5	785.8
27.5°	723.1	724.4	723.1	721.2	719.2	720.8	722.3	731.0	739.8	749.8	759.7
30°	708.3	713.7	708.3	705.3	702.3	702.1	701.8	707.7	713.7	720.0	726.4
32.5°	686.5	690.7	686.5	685.4	684.4	687.4	690.5	692.8	695.1	696.1	697.2
35°	675.3	680.7	675.3	672.9	670.3	670.3	670.3	669.5	668.6	667.3	666.1
37.5°	657.5	657.7	657.5	656.4	655.4	652.9	650.4	647.2	644.0	637.0	630.0
40°	633.3	633.9	633.3	634.8	636.3	636.1	635.8	628.6	621.5	608.5	595.5
42.5°	620.7	622.4	620.7	620.0	619.3	616.5	613.8	607.4	601.0	586.6	572.1
45°	598.2	596.3	598.2	598.6	599.0	597.5	596.1	588.2	580.3	563.7	547.2
47.5°	586.9	588.6	586.9	585.9	584.9	583.7	582.5	574.1	565.7	549.5	533.4
50°	571.3	570.2	571.3	574.4	577.5	577.9	578.2	566.7	555.2	538.0	520.7
52.5°	570.3	571.0	570.3	572.1	573.9	572.9	571.9	560.8	549.6	530.7	511.9
55°	559.4	557.1	559.4	562.8	566.2	565.0	563.9	553.2	542.4	525.6	508.8
57.5°	551.0	551.8	551.0	553.6	556.2	558.3	560.4	551.2	541.9	524.8	507.6
60°	530.1	525.7	530.1	535.7	541.4	543.9	546.4	540.1	533.7	517.9	501.9
62.5°	509.2	501.1	509.2	515.6	522.0	524.5	526.8	522.3	517.9	503.3	488.8
65°	479.2	475.0	479.2	485.7	492.1	496.1	500.0	494.5	489.0	477.0	465.1
67.5°	442.4	435.9	442.4	450.9	459.3	463.6	468.0	463.4	458.9	447.0	435.1
70°	409.8	405.2	409.8	415.2	420.5	424.7	428.8	426.3	423.8	417.2	410.6
72.5°	362.2	357.6	362.2	369.4	376.6	381.3	385.9	382.9	380.0	373.8	367.6
75°	315.8	309.3	315.8	323.2	330.8	336.5	342.3	340.6	338.8	332.1	325.4
77.5°	267.2	260.9	267.2	274.3	281.3	285.6	289.9	288.5	287.0	279.3	271.7
80°	217.8	209.5	217.8	223.5	229.3	231.4	233.4	231.9	230.4	224.8	219.1
82.5°	170.5	163.5	170.5	175.4	180.2	181.1	182.0	178.7	175.1	170.7	166.1
85°	119.1	113.6	119.1	122.5	125.9	124.9	123.9	118.2	112.4	103.8	95.2
87.5°	51.4	43.0	51.4	59.1	66.8	70.5	74.3	68.5	62.8	55.7	48.7
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: P1208912

CATALOG NUMBER: UPW-SA2-070-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	756.3	758.6	761.7	764.7	768.0	771.3	774.6	778.0	784.7	788.9	792.6
5°	721.4	726.7	731.7	736.7	744.7	752.7	761.9	771.1	779.3	788.1	798.0
7.5°	702.3	707.4	714.5	721.8	730.6	739.4	750.3	761.1	774.7	788.5	803.1
10°	708.4	712.0	718.5	725.1	733.6	742.2	753.7	765.1	786.6	799.3	815.5
12.5°	737.6	737.3	743.8	750.4	756.6	762.8	768.1	773.4	782.4	800.0	823.5
15°	771.9	778.3	780.1	781.8	779.8	777.8	775.9	774.2	779.3	797.7	824.7
17.5°	803.0	810.5	806.7	802.9	793.7	784.4	778.5	772.3	764.0	782.0	813.6
20°	814.2	821.5	815.1	808.7	791.3	773.9	759.7	745.5	741.7	759.4	797.6
22.5°	805.7	809.8	804.2	798.5	780.4	762.2	744.8	727.3	712.2	729.7	772.9
25°	786.8	787.7	779.8	771.9	754.4	736.9	719.8	702.6	687.2	701.8	745.9
27.5°	758.5	757.3	748.3	739.4	724.1	708.7	694.2	679.8	665.0	680.7	729.7
30°	723.2	720.0	710.8	701.6	688.2	674.7	664.8	654.8	650.0	667.0	718.5
32.5°	692.3	687.4	678.7	670.0	660.4	650.8	646.6	642.5	637.7	653.1	701.3
35°	656.8	647.3	639.3	631.4	627.1	622.8	623.0	623.2	624.7	636.3	680.6
37.5°	620.2	610.5	603.6	596.7	593.9	591.1	593.8	596.5	599.7	608.2	650.4
40°	586.3	577.1	570.9	564.7	564.4	564.0	567.9	571.7	574.0	576.9	617.7
42.5°	558.2	544.2	539.0	533.7	534.8	535.8	537.6	539.5	545.6	551.2	590.2
45°	535.0	523.0	516.4	509.7	508.3	506.9	510.9	515.1	515.3	531.4	570.8
47.5°	518.6	503.8	497.1	490.4	488.1	485.8	487.9	490.1	499.6	525.1	560.7
50°	508.0	495.1	487.5	479.8	473.3	466.7	468.0	469.3	487.3	524.8	557.3
52.5°	499.9	487.9	482.0	476.2	466.6	457.0	460.4	463.7	488.1	525.3	550.5
55°	495.6	482.3	475.2	468.1	456.5	444.7	455.6	466.6	509.2	531.2	540.6
57.5°	494.2	480.8	468.5	456.2	444.7	433.2	454.0	474.9	523.0	522.6	528.4
60°	489.2	476.6	459.0	441.4	434.7	428.1	452.3	476.6	505.0	488.1	505.6
62.5°	474.3	459.8	441.1	422.2	423.0	423.8	444.3	464.9	475.0	455.2	469.3
65°	449.6	434.2	417.5	401.0	406.9	412.9	426.3	439.7	434.0	428.8	431.9
67.5°	423.2	411.3	395.1	378.9	383.6	388.2	395.5	402.9	389.5	387.4	372.5
70°	395.3	380.0	368.2	356.2	359.8	363.1	362.2	361.2	349.2	338.4	316.3
72.5°	357.5	347.5	335.7	324.0	325.7	327.3	327.2	327.2	314.3	290.8	265.9
75°	316.2	307.0	296.9	286.9	287.9	288.9	287.6	286.3	272.8	243.1	219.9
77.5°	267.8	263.8	257.7	251.6	252.8	254.0	250.9	247.7	233.7	198.8	177.7
80°	218.0	217.0	214.1	211.2	211.7	212.0	207.4	202.8	186.5	155.4	137.8
82.5°	174.6	183.0	181.1	179.2	174.0	168.8	161.7	154.6	137.0	114.7	101.4
85°	117.0	138.7	144.4	150.0	140.4	130.8	117.7	104.5	86.7	72.9	64.5
87.5°	64.8	80.7	88.3	95.9	91.0	86.1	72.7	59.2	37.6	30.1	25.9
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: P1208912

CATALOG NUMBER: UPW-SA2-070-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	782.0	782.0	782.0	782.0	782.0	782.0	782.0
2.5°	796.2	801.3	806.4	809.2	812.1	812.8	815.0
5°	807.9	819.7	831.5	844.1	856.6	865.4	871.8
7.5°	817.7	836.6	855.7	875.7	895.7	920.1	948.9
10°	831.7	858.1	884.7	918.7	952.7	981.1	1004.9
12.5°	847.1	880.4	913.8	955.0	996.1	1036.1	1072.8
15°	851.7	894.0	936.4	990.7	1044.8	1095.3	1140.0
17.5°	845.3	900.5	955.6	1019.8	1084.0	1148.6	1214.0
20°	835.9	905.4	974.8	1052.7	1130.6	1200.5	1266.6
22.5°	816.1	898.5	980.8	1070.9	1161.1	1236.4	1305.4
25°	790.1	883.8	977.5	1082.4	1187.3	1275.4	1357.9
27.5°	778.5	887.4	996.3	1114.4	1232.5	1317.3	1391.7
30°	769.9	889.5	1009.1	1141.5	1273.9	1364.3	1440.8
32.5°	749.6	879.3	1009.0	1159.2	1309.4	1407.8	1490.3
35°	724.8	864.8	1004.7	1175.4	1346.0	1450.0	1531.0
37.5°	692.6	843.2	993.8	1188.0	1382.1	1505.5	1602.4
40°	658.4	822.4	986.3	1216.5	1446.7	1595.2	1701.7
42.5°	629.3	805.0	980.8	1243.7	1506.6	1693.5	1840.3
45°	610.1	791.1	972.2	1280.9	1589.7	1852.2	2077.8
47.5°	596.3	776.7	957.1	1340.3	1723.5	2118.1	2475.3
50°	590.0	771.4	953.0	1445.2	1937.6	2498.7	3001.0
52.5°	575.7	758.1	940.5	1525.6	2110.8	2830.6	3484.4
55°	549.9	730.7	911.7	1546.6	2181.6	3053.5	3903.8
57.5°	534.3	689.8	845.3	1448.2	2051.1	3086.0	4206.2
60°	523.2	613.2	703.1	1233.8	1764.4	2894.1	4154.4
62.5°	483.3	526.0	568.7	1025.3	1482.0	2576.5	3816.7
65°	435.0	443.4	451.9	834.2	1216.5	2224.0	3397.0
67.5°	357.6	350.0	342.4	656.3	970.2	1853.1	2914.3
70°	294.3	283.9	273.6	509.9	746.1	1518.5	2499.1
72.5°	241.0	231.9	222.9	384.6	546.4	1171.7	2003.7
75°	196.8	190.2	183.6	284.4	385.2	843.2	1474.2
77.5°	156.7	153.5	150.3	209.5	268.7	580.8	1022.2
80°	120.3	118.1	115.9	144.7	173.4	334.3	563.7
82.5°	88.1	86.8	85.6	97.4	109.1	178.3	279.0
85°	56.2	55.6	54.9	58.0	61.2	80.6	109.7
87.5°	21.6	22.4	23.2	24.4	25.5	30.7	39.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)