

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: P1209262

Luminaire Tested: UPW-SA2-110-730-U-SLL-HSS

Issue Date: 11/4/2025

**Test Information**

Test Method: LM-79-2024  
Report Number: P1209262  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-2)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 2/20/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: UPW-SA2-110-730-U-SLL-HSS  
Description: UNDERPASS WALL MOUNT LUMINAIRE  
(2) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATING LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8500 lumens  
Efficiency: N/A  
Efficacy: 75.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G2

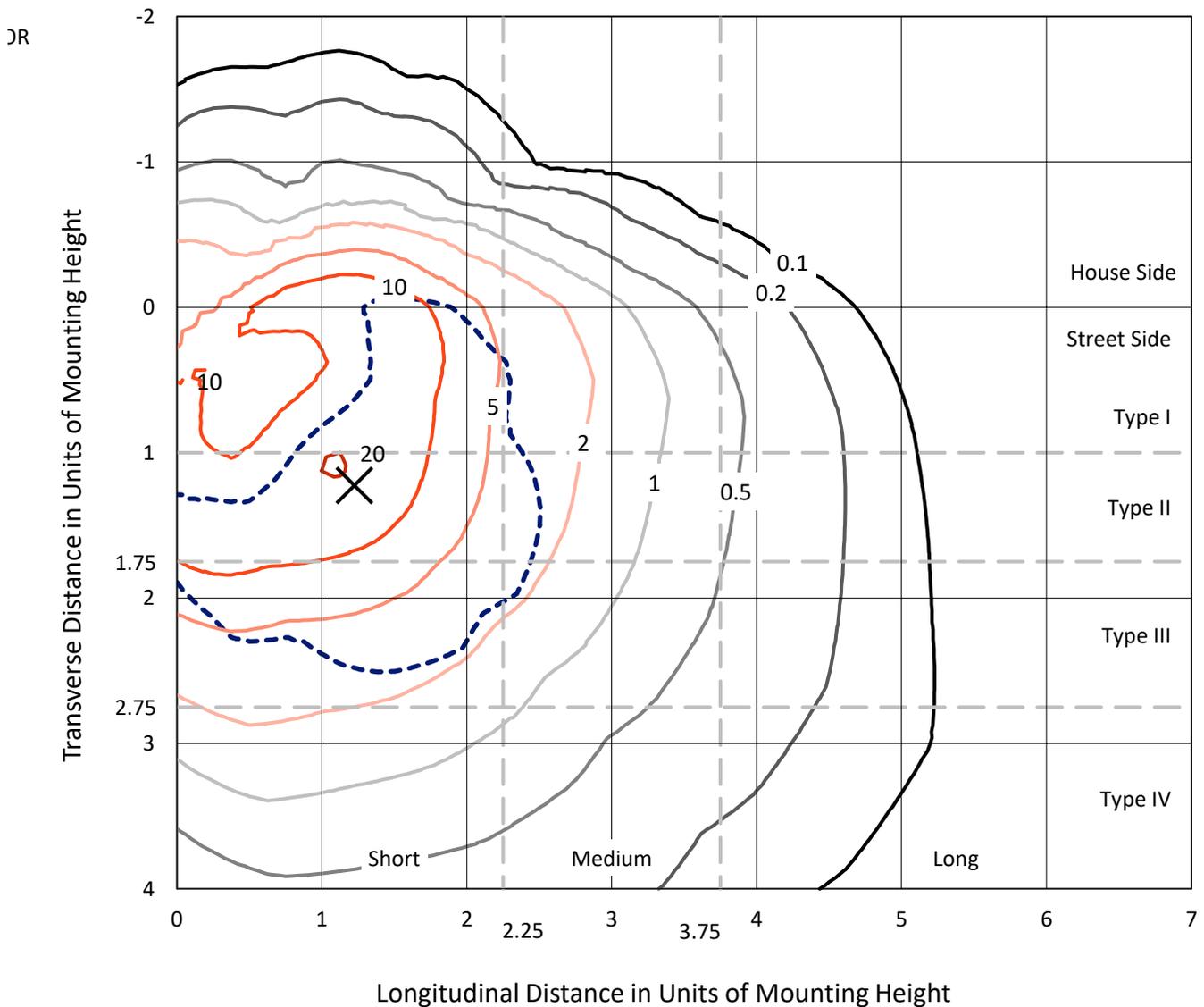
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

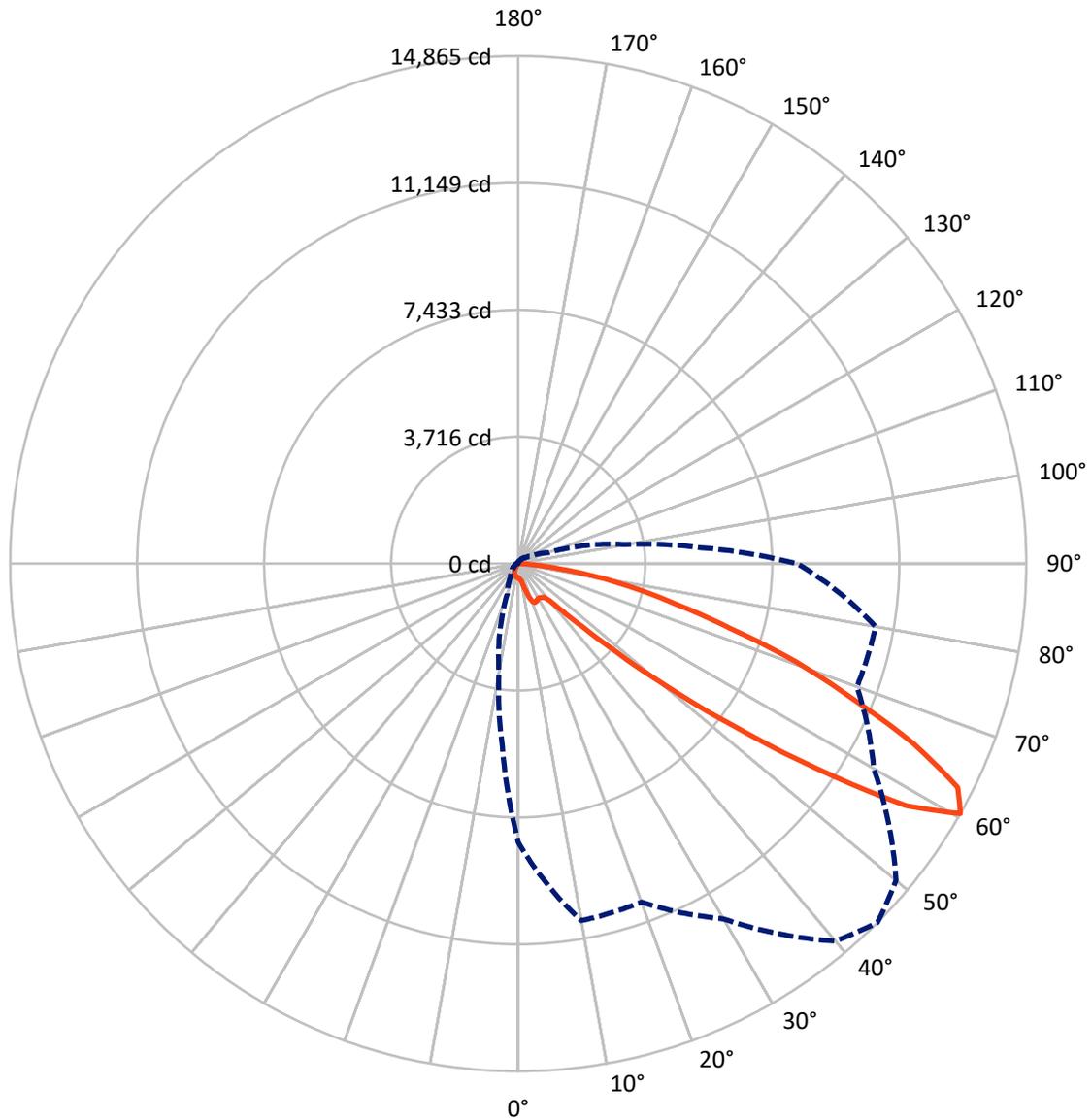
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 60-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	979.2	0.0	979.2
	% Fixture	11.5	0.0	11.5
<b>Street Side</b>	Lumens	7520.7	0.0	7520.7
	% Fixture	88.5	0.0	88.5
<b>Total</b>	Lumens	8500.0	0.0	8500.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	38.6	0.5
10°-20°	131.2	1.5
20°-30°	283.3	3.3
30°-40°	477.2	5.6
40°-50°	963.7	11.3
50°-60°	2478.7	29.2
60°-70°	2694.9	31.7
70°-80°	1269.5	14.9
80°-90°	163.0	1.9
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°	8500.0	100.0
0°-180°	8500.0	100.0



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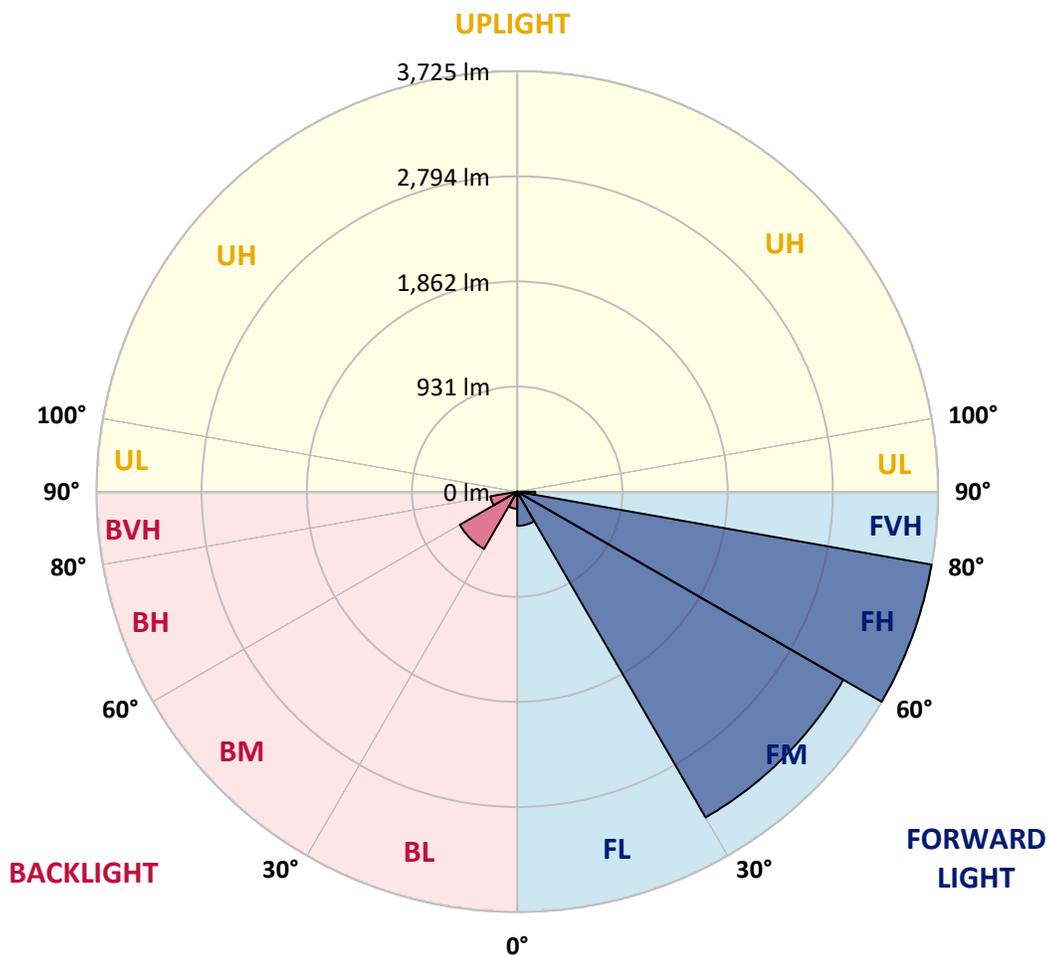
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	302.5	3.6			
FM	(30°-60°)	3333.4	39.2			
FH	(60°-80°)	3724.7	43.8			G2/5000
FVH	(80°-90°)	160.1	1.9			G2/225
BL	(0°-30°)	150.6	1.8	B1/500		
BM	(30°-60°)	586.2	6.9	B1/1000		
BH	(60°-80°)	239.6	2.8	B1/500		G1/500
BVH	(80°-90°)	2.9	0.0			G0/10
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°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	425.6	426.9	428.2	430.1	432.1	433.0	434.0	434.4	434.9	431.4	434.9
5°	424.2	427.8	431.4	435.7	440.1	442.4	444.7	445.8	447.0	450.2	447.0
7.5°	410.5	419.7	428.8	437.2	445.5	451.9	458.5	464.0	469.5	473.2	469.5
10°	411.9	428.7	445.5	461.8	478.3	490.8	503.5	512.1	520.6	525.2	520.6
12.5°	442.2	469.5	496.6	524.0	551.4	577.3	603.1	620.3	637.4	649.3	637.4
15°	505.0	556.2	607.4	655.3	703.4	743.3	783.4	804.7	825.9	828.2	825.9
17.5°	632.0	706.8	781.7	845.3	909.0	951.5	994.1	1014.4	1034.8	1040.3	1034.8
20°	795.7	889.9	984.0	1044.0	1104.0	1132.6	1161.2	1171.9	1182.5	1175.9	1182.5
22.5°	988.3	1088.2	1188.2	1229.3	1270.4	1267.7	1265.1	1256.1	1247.2	1232.2	1247.2
25°	1221.3	1304.3	1387.3	1378.6	1369.9	1334.7	1299.7	1270.0	1240.2	1226.4	1240.2
27.5°	1458.7	1503.6	1548.4	1487.0	1425.5	1358.6	1291.6	1251.9	1212.1	1187.4	1212.1
30°	1742.2	1713.2	1684.0	1574.7	1465.2	1380.5	1295.6	1248.6	1201.6	1173.0	1201.6
32.5°	2039.4	1937.0	1834.5	1678.6	1522.5	1423.9	1325.2	1270.8	1216.3	1181.7	1216.3
35°	2310.7	2142.7	1974.9	1777.3	1579.6	1473.4	1367.5	1304.6	1242.0	1214.8	1242.0
37.5°	2613.7	2360.6	2107.7	1867.9	1628.2	1512.4	1396.6	1338.9	1281.4	1252.4	1281.4
40°	2934.0	2601.4	2268.8	1988.8	1708.6	1606.7	1504.9	1467.1	1429.2	1421.2	1429.2
42.5°	3323.5	2915.1	2506.5	2206.9	1907.4	1859.2	1811.0	1823.9	1836.6	1888.6	1836.6
45°	4027.6	3528.5	3029.6	2691.4	2353.2	2371.1	2389.0	2487.3	2585.7	2643.2	2585.7
47.5°	5054.9	4512.2	3969.5	3537.9	3106.4	3226.4	3346.6	3585.2	3824.0	3875.4	3824.0
50°	6416.2	5839.2	5262.2	4723.6	4184.9	4438.1	4691.3	5147.5	5603.6	5678.9	5603.6
52.5°	7645.5	7200.5	6755.5	6125.3	5494.9	5924.9	6354.9	7024.5	7694.2	7899.4	7694.2
55°	8428.9	8574.3	8719.6	8058.1	7396.6	7920.9	8445.1	9327.5	10209.9	10603.2	10209.9
57.5°	8701.6	9560.9	10420.3	9957.0	9493.7	10034.8	10575.8	11666.3	12756.8	13377.8	12756.8
60°	8157.7	9387.5	10617.4	10581.0	10544.8	11279.0	12013.1	13222.5	14431.9	14865.3	14431.9
62.5°	7259.5	8273.8	9288.1	9472.3	9656.7	10691.1	11725.4	12854.9	13984.3	14428.1	13984.3
65°	6207.7	7115.1	8022.3	8164.9	8307.4	9411.7	10516.4	11536.4	12556.5	12706.8	12556.5
67.5°	5318.9	6237.3	7155.6	7245.2	7335.0	8274.5	9214.1	9970.4	10726.7	10541.2	10726.7
70°	4389.0	5360.2	6331.3	6479.8	6628.3	7293.4	7958.5	8400.6	8842.7	8619.4	8842.7
72.5°	3345.2	4328.7	5312.4	5449.5	5586.6	6048.4	6510.3	6729.0	6947.4	6507.1	6947.4
75°	2330.9	3176.2	4021.4	4201.5	4381.5	4705.3	5029.4	5117.4	5205.4	4798.8	5205.4
77.5°	1250.2	1816.8	2383.5	2702.5	3021.5	3372.7	3723.9	3765.7	3807.6	3537.8	3807.6
80°	367.9	627.6	887.3	1262.3	1637.3	2059.2	2481.3	2501.7	2522.0	2321.5	2522.0
82.5°	111.1	223.8	336.5	597.3	858.2	1164.9	1471.7	1442.8	1413.8	1210.5	1413.8
85°	24.5	77.9	131.3	290.0	448.7	588.8	728.9	671.9	614.9	499.2	614.9
87.5°	3.6	21.5	39.2	103.3	167.4	202.0	236.6	193.2	149.8	135.6	149.8
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°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	434.4	434.0	433.0	432.1	430.1	428.2	426.9	425.6	427.1	425.9	424.2
5°	445.8	444.7	442.4	440.1	435.7	431.4	427.8	424.2	418.7	414.4	411.5
7.5°	464.0	458.5	451.9	445.5	437.2	428.8	419.7	410.5	404.9	399.7	395.3
10°	512.1	503.5	490.8	478.3	461.8	445.5	428.7	411.9	405.0	396.1	389.3
12.5°	620.3	603.1	577.3	551.4	524.0	496.6	469.5	442.2	425.2	406.6	392.7
15°	804.7	783.4	743.3	703.4	655.3	607.4	556.2	505.0	470.1	436.5	410.9
17.5°	1014.4	994.1	951.5	909.0	845.3	781.7	706.8	632.0	555.6	491.3	444.5
20°	1171.9	1161.2	1132.6	1104.0	1044.0	984.0	889.9	795.7	679.0	574.2	497.6
22.5°	1256.1	1265.1	1267.7	1270.4	1229.3	1188.2	1088.2	988.3	846.9	699.5	582.6
25°	1270.0	1299.7	1334.7	1369.9	1378.6	1387.3	1304.3	1221.3	1048.2	848.7	683.2
27.5°	1251.9	1291.6	1358.6	1425.5	1487.0	1548.4	1503.6	1458.7	1275.3	1039.5	820.4
30°	1248.6	1295.6	1380.5	1465.2	1574.7	1684.0	1713.2	1742.2	1535.0	1252.1	974.2
32.5°	1270.8	1325.2	1423.9	1522.5	1678.6	1834.5	1937.0	2039.4	1819.8	1489.3	1146.5
35°	1304.6	1367.5	1473.4	1579.6	1777.3	1974.9	2142.7	2310.7	2109.7	1748.4	1342.5
37.5°	1338.9	1396.6	1512.4	1628.2	1867.9	2107.7	2360.6	2613.7	2428.1	2039.8	1564.2
40°	1467.1	1504.9	1606.7	1708.6	1988.8	2268.8	2601.4	2934.0	2777.4	2349.6	1793.7
42.5°	1823.9	1811.0	1859.2	1907.4	2206.9	2506.5	2915.1	3323.5	3149.1	2660.8	2016.5
45°	2487.3	2389.0	2371.1	2353.2	2691.4	3029.6	3528.5	4027.6	3684.1	3036.8	2261.0
47.5°	3585.2	3346.6	3226.4	3106.4	3537.9	3969.5	4512.2	5054.9	4481.4	3518.7	2534.9
50°	5147.5	4691.3	4438.1	4184.9	4723.6	5262.2	5839.2	6416.2	5418.8	4021.1	2797.5
52.5°	7024.5	6354.9	5924.9	5494.9	6125.3	6755.5	7200.5	7645.5	6090.8	4299.6	2910.3
55°	9327.5	8445.1	7920.9	7396.6	8058.1	8719.6	8574.3	8428.9	6346.2	4301.3	2854.7
57.5°	11666.3	10575.8	10034.8	9493.7	9957.0	10420.3	9560.9	8701.6	6024.5	3904.0	2571.2
60°	13222.5	12013.1	11279.0	10544.8	10581.0	10617.4	9387.5	8157.7	5359.6	3226.1	2082.7
62.5°	12854.9	11725.4	10691.1	9656.7	9472.3	9288.1	8273.8	7259.5	4565.2	2607.4	1652.0
65°	11536.4	10516.4	9411.7	8307.4	8164.9	8022.3	7115.1	6207.7	3821.9	2104.8	1297.7
67.5°	9970.4	9214.1	8274.5	7335.0	7245.2	7155.6	6237.3	5318.9	3072.6	1620.6	963.9
70°	8400.6	7958.5	7293.4	6628.3	6479.8	6331.3	5360.2	4389.0	2379.6	1214.8	715.3
72.5°	6729.0	6510.3	6048.4	5586.6	5449.5	5312.4	4328.7	3345.2	1641.5	801.5	475.6
75°	5117.4	5029.4	4705.3	4381.5	4201.5	4021.4	3176.2	2330.9	1048.3	493.4	298.8
77.5°	3765.7	3723.9	3372.7	3021.5	2702.5	2383.5	1816.8	1250.2	549.3	259.0	162.7
80°	2501.7	2481.3	2059.2	1637.3	1262.3	887.3	627.6	367.9	166.6	89.2	65.1
82.5°	1442.8	1471.7	1164.9	858.2	597.3	336.5	223.8	111.1	50.8	31.7	27.1
85°	671.9	728.9	588.8	448.7	290.0	131.3	77.9	24.5	12.4	9.8	8.9
87.5°	193.2	236.6	202.0	167.4	103.3	39.2	21.5	3.6	0.6	0.0	0.0
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°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	422.5	421.6	421.0	420.4	419.9	418.4	417.8	418.3	418.7	418.1	417.3
5°	408.6	406.0	403.3	400.4	397.5	395.3	391.9	391.9	391.7	392.7	393.9
7.5°	391.0	387.4	383.8	381.2	378.7	377.3	376.9	374.3	372.0	372.0	372.0
10°	382.3	378.0	373.7	369.6	365.8	362.1	362.9	361.3	359.5	358.5	357.5
12.5°	379.2	372.1	365.0	360.7	356.4	353.5	351.8	349.6	347.4	346.1	344.8
15°	385.2	373.0	360.7	355.1	349.4	344.8	338.8	337.5	336.2	334.6	333.0
17.5°	397.9	376.9	356.1	348.4	340.8	335.5	332.1	328.7	325.4	322.5	319.6
20°	421.0	387.3	353.5	343.1	332.6	327.5	322.3	317.9	313.4	309.5	305.6
22.5°	465.7	410.6	355.7	339.3	323.2	316.0	307.6	303.6	299.8	295.1	290.3
25°	517.7	436.3	354.9	332.1	309.5	301.5	296.9	291.3	285.7	280.5	275.3
27.5°	601.4	480.5	359.5	328.7	297.5	287.8	282.9	277.6	272.4	266.9	261.4
30°	696.6	533.6	370.5	328.1	285.7	273.4	268.9	264.3	259.7	254.1	248.5
32.5°	803.6	593.3	383.1	330.1	277.0	264.0	255.7	250.5	245.3	240.2	235.2
35°	936.7	669.2	401.4	331.7	261.9	247.4	240.4	236.0	231.6	225.9	220.5
37.5°	1088.6	754.0	419.6	333.1	246.7	230.8	226.2	222.8	219.3	213.4	207.5
40°	1237.9	837.4	436.9	335.6	234.5	217.1	211.5	209.1	206.6	200.8	195.1
42.5°	1372.1	912.1	452.3	339.9	227.7	200.6	197.8	194.6	191.6	186.1	180.6
45°	1485.4	975.6	466.0	348.3	230.6	186.1	181.2	178.5	175.7	172.0	168.5
47.5°	1551.0	1014.3	477.6	360.8	244.1	176.7	162.5	160.7	159.0	158.0	157.0
50°	1573.8	1031.5	489.1	379.6	270.1	186.1	157.3	151.4	145.4	145.4	145.4
52.5°	1521.0	1003.0	485.1	391.3	297.5	217.9	166.1	148.9	131.6	131.3	131.0
55°	1408.2	936.5	464.9	392.7	320.6	261.9	187.7	154.1	120.5	117.4	114.3
57.5°	1238.7	843.9	449.0	380.2	311.4	279.2	205.2	159.9	114.3	105.6	97.0
60°	939.3	700.1	461.0	368.8	276.7	251.0	201.1	157.3	113.7	98.1	82.5
62.5°	696.6	557.5	418.4	328.4	238.4	199.1	179.6	147.9	116.1	94.4	72.4
65°	490.6	425.3	360.0	292.6	225.1	156.5	148.3	131.0	113.7	90.0	66.4
67.5°	307.3	278.3	249.3	220.0	190.7	130.6	115.7	103.2	90.6	74.4	58.4
70°	215.7	198.8	181.8	166.8	151.8	110.4	89.7	79.1	68.5	60.0	51.7
72.5°	149.8	137.6	125.5	117.7	109.9	90.9	69.5	60.0	50.5	45.3	40.1
75°	104.2	95.2	86.3	79.2	72.1	59.9	45.3	38.4	31.5	28.7	26.0
77.5°	66.4	59.4	52.7	46.7	40.7	37.5	28.1	24.2	20.2	19.3	18.5
80°	41.1	36.4	31.7	27.1	22.4	20.9	14.4	12.8	11.3	11.3	11.3
82.5°	22.4	19.6	17.0	13.7	10.4	8.7	6.1	5.2	4.3	4.3	4.3
85°	8.4	7.2	6.1	4.9	3.6	2.2	0.9	1.2	1.4	1.3	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.3
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-SA2-110-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	416.1	414.8	415.8	417.0	415.7	414.4	414.7	414.8	413.4	411.9	410.3
5°	394.0	394.2	395.9	397.5	398.1	398.5	399.1	399.7	399.9	400.4	400.5
7.5°	372.2	372.5	373.5	374.4	375.7	376.9	380.0	383.1	384.7	386.4	388.3
10°	356.7	356.1	359.1	362.1	363.0	363.9	367.6	371.1	373.1	375.1	376.7
12.5°	343.4	341.9	343.4	344.8	347.6	350.3	355.5	360.7	364.7	368.6	369.5
15°	331.6	330.1	331.3	332.6	334.0	335.5	340.6	346.0	350.5	354.9	357.1
17.5°	317.1	314.5	313.4	312.4	317.1	321.7	326.2	330.7	335.5	340.2	344.3
20°	302.4	299.4	298.7	297.9	300.0	301.8	307.6	313.4	319.1	324.9	326.8
22.5°	286.0	281.6	280.5	279.2	280.2	281.3	284.2	287.1	291.4	295.8	299.0
25°	270.7	266.2	262.6	259.0	259.1	259.4	261.0	262.6	264.2	265.8	267.6
27.5°	256.2	251.0	246.4	241.7	239.8	238.1	236.5	234.9	234.5	234.0	233.7
30°	242.2	235.9	230.8	225.8	220.6	215.3	211.9	208.5	204.9	201.3	198.5
32.5°	229.1	222.9	213.8	204.9	199.4	194.1	187.7	181.5	174.9	168.5	164.2
35°	213.5	206.6	198.2	189.7	180.5	171.4	162.2	152.9	144.3	135.6	130.7
37.5°	199.0	190.5	181.5	172.4	159.6	146.9	136.2	125.5	116.7	107.9	102.7
40°	185.3	175.3	163.0	150.8	136.9	122.9	111.4	99.8	91.5	83.0	78.6
42.5°	171.1	161.6	147.5	133.5	118.2	102.7	90.8	78.6	71.4	64.2	60.3
45°	157.6	146.9	130.4	114.0	99.6	85.1	74.7	64.2	57.4	50.5	47.5
47.5°	145.4	133.9	116.7	99.6	85.8	72.1	62.3	52.7	46.3	40.1	37.2
50°	133.6	121.9	104.6	87.3	74.7	62.0	53.4	44.7	38.8	32.9	30.0
52.5°	120.6	110.4	93.5	76.5	66.5	56.6	48.3	40.1	33.8	27.4	24.5
55°	105.2	95.9	82.0	67.8	58.9	49.8	42.4	34.9	28.3	21.6	18.6
57.5°	89.3	81.5	69.5	57.7	50.2	42.6	35.5	28.6	22.2	15.9	13.3
60°	75.6	68.5	58.4	48.3	41.0	33.5	27.4	21.4	15.7	10.1	7.5
62.5°	65.2	58.0	48.2	38.2	32.3	26.3	20.9	15.6	10.2	5.0	2.7
65°	57.6	48.8	40.3	31.7	25.2	18.8	13.9	8.9	5.5	1.7	0.9
67.5°	48.9	39.2	31.2	23.1	17.5	11.8	7.8	3.6	1.7	0.0	0.0
70°	41.1	30.6	21.8	13.0	8.7	4.3	2.6	0.7	0.3	0.0	0.0
72.5°	31.2	22.4	14.1	5.8	3.8	1.7	1.2	0.3	0.1	0.0	0.0
75°	20.8	15.6	10.0	4.3	2.7	1.2	0.6	0.0	0.0	0.0	0.0
77.5°	15.3	12.3	7.5	2.9	1.7	0.7	0.3	0.0	0.0	0.0	0.0
80°	9.2	7.2	4.3	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.6	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CATALOG NUMBER: UPW-SA2-110-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	408.6	408.3	408.6	410.3	411.9	413.4	414.8	414.7	414.4	415.7	417.0
5°	400.8	401.1	400.8	400.5	400.4	399.9	399.7	399.1	398.5	398.1	397.5
7.5°	390.3	393.9	390.3	388.3	386.4	384.7	383.1	380.0	376.9	375.7	374.4
10°	378.3	380.9	378.3	376.7	375.1	373.1	371.1	367.6	363.9	363.0	362.1
12.5°	370.5	370.8	370.5	369.5	368.6	364.7	360.7	355.5	350.3	347.6	344.8
15°	359.3	360.7	359.3	357.1	354.9	350.5	346.0	340.6	335.5	334.0	332.6
17.5°	348.4	350.6	348.4	344.3	340.2	335.5	330.7	326.2	321.7	317.1	312.4
20°	328.7	327.5	328.7	326.8	324.9	319.1	313.4	307.6	301.8	300.0	297.9
22.5°	302.3	305.9	302.3	299.0	295.8	291.4	287.1	284.2	281.3	280.2	279.2
25°	269.5	271.2	269.5	267.6	265.8	264.2	262.6	261.0	259.4	259.1	259.0
27.5°	233.4	232.3	233.4	233.7	234.0	234.5	234.9	236.5	238.1	239.8	241.7
30°	195.9	194.8	195.9	198.5	201.3	204.9	208.5	211.9	215.3	220.6	225.8
32.5°	159.9	157.3	159.9	164.2	168.5	174.9	181.5	187.7	194.1	199.4	204.9
35°	125.8	124.1	125.8	130.7	135.6	144.3	152.9	162.2	171.4	180.5	189.7
37.5°	97.8	95.2	97.8	102.7	107.9	116.7	125.5	136.2	146.9	159.6	172.4
40°	74.3	72.1	74.3	78.6	83.0	91.5	99.8	111.4	122.9	136.9	150.8
42.5°	56.3	53.4	56.3	60.3	64.2	71.4	78.6	90.8	102.7	118.2	133.5
45°	44.4	43.3	44.4	47.5	50.5	57.4	64.2	74.7	85.1	99.6	114.0
47.5°	34.3	33.2	34.3	37.2	40.1	46.3	52.7	62.3	72.1	85.8	99.6
50°	27.1	26.0	27.1	30.0	32.9	38.8	44.7	53.4	62.0	74.7	87.3
52.5°	21.6	20.2	21.6	24.5	27.4	33.8	40.1	48.3	56.6	66.5	76.5
55°	15.6	14.4	15.6	18.6	21.6	28.3	34.9	42.4	49.8	58.9	67.8
57.5°	10.8	10.1	10.8	13.3	15.9	22.2	28.6	35.5	42.6	50.2	57.7
60°	5.0	4.3	5.0	7.5	10.1	15.7	21.4	27.4	33.5	41.0	48.3
62.5°	0.3	0.0	0.3	2.7	5.0	10.2	15.6	20.9	26.3	32.3	38.2
65°	0.0	0.0	0.0	0.9	1.7	5.5	8.9	13.9	18.8	25.2	31.7
67.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.6	7.8	11.8	17.5	23.1
70°	0.0	0.0	0.0	0.0	0.0	0.3	0.7	2.6	4.3	8.7	13.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.2	1.7	3.8	5.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.7	4.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.7	2.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CATALOG NUMBER: UPW-SA2-110-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	415.8	414.8	416.1	417.3	418.1	418.7	418.3	417.8	418.4	419.9	420.4
5°	395.9	394.2	394.0	393.9	392.7	391.7	391.9	391.9	395.3	397.5	400.4
7.5°	373.5	372.5	372.2	372.0	372.0	372.0	374.3	376.9	377.3	378.7	381.2
10°	359.1	356.1	356.7	357.5	358.5	359.5	361.3	362.9	362.1	365.8	369.6
12.5°	343.4	341.9	343.4	344.8	346.1	347.4	349.6	351.8	353.5	356.4	360.7
15°	331.3	330.1	331.6	333.0	334.6	336.2	337.5	338.8	344.8	349.4	355.1
17.5°	313.4	314.5	317.1	319.6	322.5	325.4	328.7	332.1	335.5	340.8	348.4
20°	298.7	299.4	302.4	305.6	309.5	313.4	317.9	322.3	327.5	332.6	343.1
22.5°	280.5	281.6	286.0	290.3	295.1	299.8	303.6	307.6	316.0	323.2	339.3
25°	262.6	266.2	270.7	275.3	280.5	285.7	291.3	296.9	301.5	309.5	332.1
27.5°	246.4	251.0	256.2	261.4	266.9	272.4	277.6	282.9	287.8	297.5	328.7
30°	230.8	235.9	242.2	248.5	254.1	259.7	264.3	268.9	273.4	285.7	328.1
32.5°	213.8	222.9	229.1	235.2	240.2	245.3	250.5	255.7	264.0	277.0	330.1
35°	198.2	206.6	213.5	220.5	225.9	231.6	236.0	240.4	247.4	261.9	331.7
37.5°	181.5	190.5	199.0	207.5	213.4	219.3	222.8	226.2	230.8	246.7	333.1
40°	163.0	175.3	185.3	195.1	200.8	206.6	209.1	211.5	217.1	234.5	335.6
42.5°	147.5	161.6	171.1	180.6	186.1	191.6	194.6	197.8	200.6	227.7	339.9
45°	130.4	146.9	157.6	168.5	172.0	175.7	178.5	181.2	186.1	230.6	348.3
47.5°	116.7	133.9	145.4	157.0	158.0	159.0	160.7	162.5	176.7	244.1	360.8
50°	104.6	121.9	133.6	145.4	145.4	145.4	151.4	157.3	186.1	270.1	379.6
52.5°	93.5	110.4	120.6	131.0	131.3	131.6	148.9	166.1	217.9	297.5	391.3
55°	82.0	95.9	105.2	114.3	117.4	120.5	154.1	187.7	261.9	320.6	392.7
57.5°	69.5	81.5	89.3	97.0	105.6	114.3	159.9	205.2	279.2	311.4	380.2
60°	58.4	68.5	75.6	82.5	98.1	113.7	157.3	201.1	251.0	276.7	368.8
62.5°	48.2	58.0	65.2	72.4	94.4	116.1	147.9	179.6	199.1	238.4	328.4
65°	40.3	48.8	57.6	66.4	90.0	113.7	131.0	148.3	156.5	225.1	292.6
67.5°	31.2	39.2	48.9	58.4	74.4	90.6	103.2	115.7	130.6	190.7	220.0
70°	21.8	30.6	41.1	51.7	60.0	68.5	79.1	89.7	110.4	151.8	166.8
72.5°	14.1	22.4	31.2	40.1	45.3	50.5	60.0	69.5	90.9	109.9	117.7
75°	10.0	15.6	20.8	26.0	28.7	31.5	38.4	45.3	59.9	72.1	79.2
77.5°	7.5	12.3	15.3	18.5	19.3	20.2	24.2	28.1	37.5	40.7	46.7
80°	4.3	7.2	9.2	11.3	11.3	11.3	12.8	14.4	20.9	22.4	27.1
82.5°	1.4	2.9	3.6	4.3	4.3	4.3	5.2	6.1	8.7	10.4	13.7
85°	0.1	0.3	0.7	1.2	1.3	1.4	1.2	0.9	2.2	3.6	4.9
87.5°	0.0	0.0	0.1	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0
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):**

	330°	335°	340°	345°	350°	355°	360°
0°	422.7	422.7	422.7	422.7	422.7	422.7	422.7
2.5°	421.0	421.6	422.5	424.2	425.9	427.1	425.6
5°	403.3	406.0	408.6	411.5	414.4	418.7	424.2
7.5°	383.8	387.4	391.0	395.3	399.7	404.9	410.5
10°	373.7	378.0	382.3	389.3	396.1	405.0	411.9
12.5°	365.0	372.1	379.2	392.7	406.6	425.2	442.2
15°	360.7	373.0	385.2	410.9	436.5	470.1	505.0
17.5°	356.1	376.9	397.9	444.5	491.3	555.6	632.0
20°	353.5	387.3	421.0	497.6	574.2	679.0	795.7
22.5°	355.7	410.6	465.7	582.6	699.5	846.9	988.3
25°	354.9	436.3	517.7	683.2	848.7	1048.2	1221.3
27.5°	359.5	480.5	601.4	820.4	1039.5	1275.3	1458.7
30°	370.5	533.6	696.6	974.2	1252.1	1535.0	1742.2
32.5°	383.1	593.3	803.6	1146.5	1489.3	1819.8	2039.4
35°	401.4	669.2	936.7	1342.5	1748.4	2109.7	2310.7
37.5°	419.6	754.0	1088.6	1564.2	2039.8	2428.1	2613.7
40°	436.9	837.4	1237.9	1793.7	2349.6	2777.4	2934.0
42.5°	452.3	912.1	1372.1	2016.5	2660.8	3149.1	3323.5
45°	466.0	975.6	1485.4	2261.0	3036.8	3684.1	4027.6
47.5°	477.6	1014.3	1551.0	2534.9	3518.7	4481.4	5054.9
50°	489.1	1031.5	1573.8	2797.5	4021.1	5418.8	6416.2
52.5°	485.1	1003.0	1521.0	2910.3	4299.6	6090.8	7645.5
55°	464.9	936.5	1408.2	2854.7	4301.3	6346.2	8428.9
57.5°	449.0	843.9	1238.7	2571.2	3904.0	6024.5	8701.6
60°	461.0	700.1	939.3	2082.7	3226.1	5359.6	8157.7
62.5°	418.4	557.5	696.6	1652.0	2607.4	4565.2	7259.5
65°	360.0	425.3	490.6	1297.7	2104.8	3821.9	6207.7
67.5°	249.3	278.3	307.3	963.9	1620.6	3072.6	5318.9
70°	181.8	198.8	215.7	715.3	1214.8	2379.6	4389.0
72.5°	125.5	137.6	149.8	475.6	801.5	1641.5	3345.2
75°	86.3	95.2	104.2	298.8	493.4	1048.3	2330.9
77.5°	52.7	59.4	66.4	162.7	259.0	549.3	1250.2
80°	31.7	36.4	41.1	65.1	89.2	166.6	367.9
82.5°	17.0	19.6	22.4	27.1	31.7	50.8	111.1
85°	6.1	7.2	8.4	8.9	9.8	12.4	24.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)