

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: P1209507

Luminaire Tested: UPW-SA2-130-730-U-SLR-HSS

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1209507
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-SA2-130-730-U-SLR-HSS
Description: UNDERPASS WALL MOUNT LUMINAIRE
(2) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATING
RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9323 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

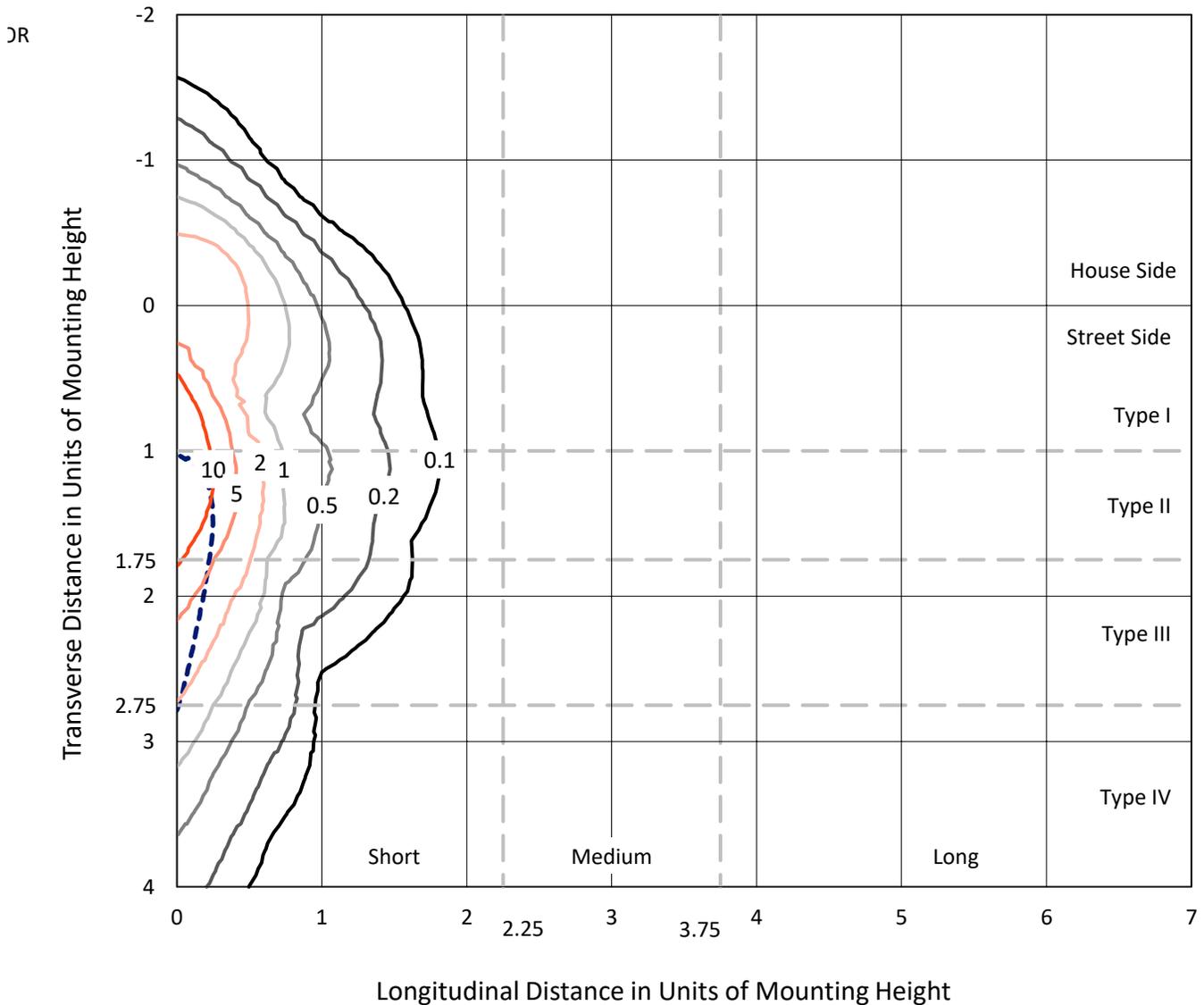
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

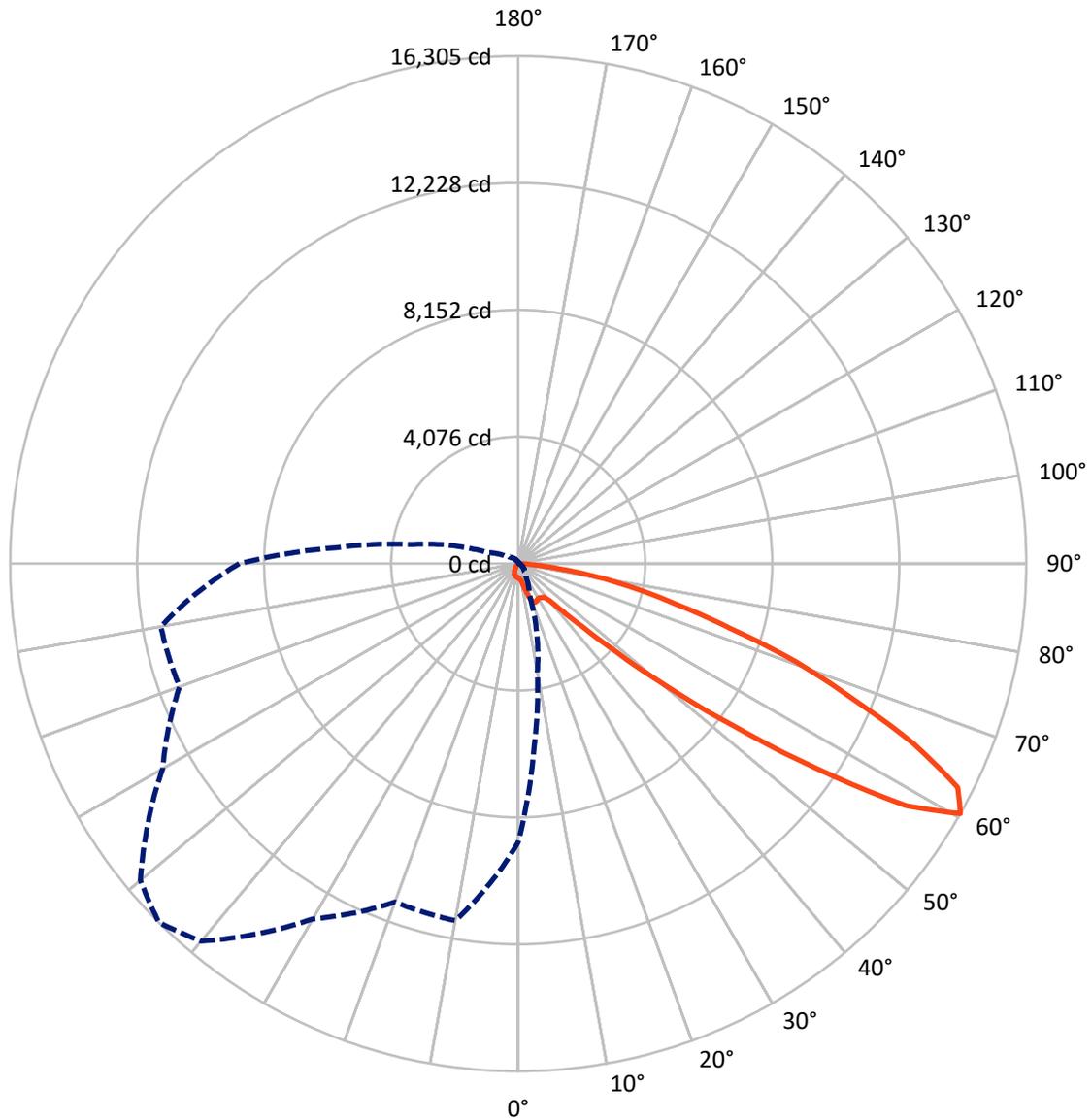
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1074.1	0.0	1074.1
	% Fixture	11.5	0.0	11.5
Street Side	Lumens	8248.9	0.0	8248.9
	% Fixture	88.5	0.0	88.5
Total	Lumens	9323.0	0.0	9323.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.4	0.5
10°-20°	143.9	1.5
20°-30°	310.7	3.3
30°-40°	523.4	5.6
40°-50°	1057.0	11.3
50°-60°	2718.7	29.2
60°-70°	2955.8	31.7
70°-80°	1392.4	14.9
80°-90°	178.8	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°	9323.0	100.0
0°-180°	9323.0	100.0



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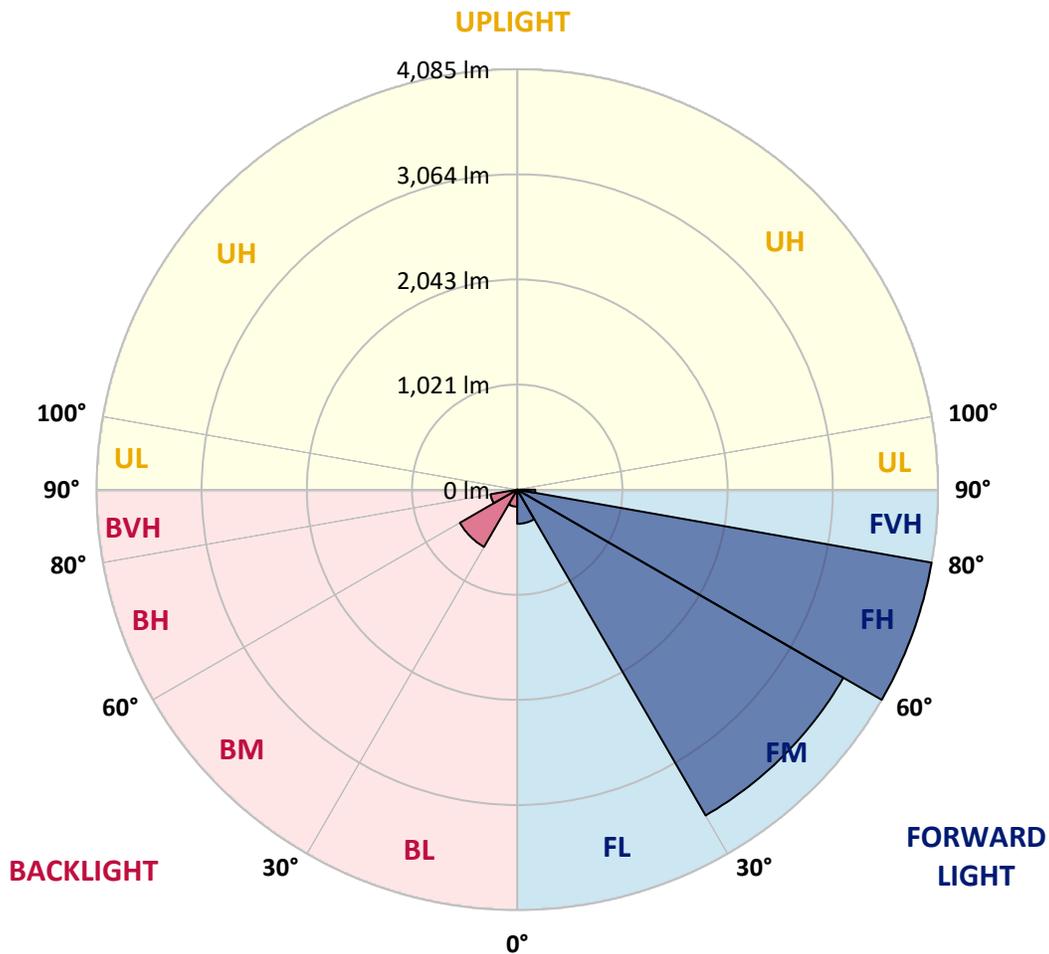
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	331.8	3.6			
FM	(30°-60°)	3656.2	39.2			
FH	(60°-80°)	4085.4	43.8			G2/5000
FVH	(80°-90°)	175.6	1.9			G2/225
BL	(0°-30°)	165.1	1.8	B1/500		
BM	(30°-60°)	642.9	6.9	B1/1000		
BH	(60°-80°)	262.8	2.8	B1/500		G1/500
BVH	(80°-90°)	3.1	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°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	466.8	468.4	467.2	465.3	463.4	462.4	461.8	461.1	460.5	458.9	458.3
5°	465.3	459.2	454.5	451.3	448.2	445.3	442.3	439.1	436.0	433.6	429.8
7.5°	450.2	444.1	438.4	433.6	428.9	424.9	420.9	418.1	415.4	413.8	413.4
10°	451.8	444.2	434.4	427.0	419.4	414.6	409.9	405.4	401.2	397.2	398.0
12.5°	485.0	466.4	446.0	430.8	415.9	408.1	400.4	395.6	390.9	387.7	385.8
15°	553.9	515.6	478.7	450.7	422.5	409.1	395.6	389.5	383.3	378.2	371.6
17.5°	693.1	609.4	538.8	487.6	436.5	413.4	390.6	382.2	373.8	367.9	364.3
20°	872.8	744.7	629.8	545.8	461.8	424.7	387.7	376.3	364.8	359.2	353.5
22.5°	1084.0	928.9	767.2	639.0	510.8	450.4	390.1	372.2	354.5	346.6	337.4
25°	1339.6	1149.7	930.8	749.3	567.8	478.6	389.3	364.3	339.4	330.7	325.7
27.5°	1599.9	1398.8	1140.2	899.8	659.6	527.0	394.4	360.5	326.3	315.7	310.3
30°	1910.9	1683.6	1373.3	1068.5	764.0	585.2	406.4	359.9	313.3	299.9	295.0
32.5°	2236.9	1996.0	1633.5	1257.5	881.5	650.7	420.2	362.1	303.8	289.6	280.4
35°	2534.4	2313.9	1917.7	1472.5	1027.4	734.0	440.3	363.8	287.2	271.4	263.6
37.5°	2866.7	2663.2	2237.4	1715.6	1194.0	827.0	460.2	365.4	270.6	253.2	248.1
40°	3218.0	3046.3	2577.1	1967.4	1357.8	918.5	479.2	368.1	257.2	238.2	232.0
42.5°	3645.3	3454.0	2918.5	2211.7	1505.0	1000.5	496.1	372.8	249.7	220.0	217.0
45°	4417.6	4040.8	3330.9	2480.0	1629.2	1070.1	511.2	382.0	252.9	204.1	198.8
47.5°	5544.3	4915.3	3859.4	2780.3	1701.2	1112.5	523.8	395.8	267.8	193.9	178.2
50°	7037.4	5943.4	4410.5	3068.3	1726.2	1131.3	536.5	416.4	296.2	204.1	172.5
52.5°	8385.7	6680.6	4715.9	3192.1	1668.3	1100.2	532.0	429.2	326.3	239.0	182.1
55°	9245.0	6960.7	4717.8	3131.2	1544.5	1027.2	509.9	430.8	351.6	287.2	205.9
57.5°	9544.1	6607.8	4282.0	2820.2	1358.6	925.6	492.5	417.0	341.5	306.2	225.0
60°	8947.5	5878.5	3538.5	2284.4	1030.2	767.8	505.6	404.5	303.5	275.4	220.6
62.5°	7962.4	5007.2	2859.9	1812.0	764.0	611.5	458.9	360.2	261.4	218.4	197.0
65°	6808.7	4191.9	2308.6	1423.3	538.1	466.5	394.8	320.9	246.9	171.7	162.7
67.5°	5833.9	3370.1	1777.5	1057.3	337.1	305.3	273.5	241.3	209.2	143.2	126.9
70°	4814.0	2610.0	1332.5	784.6	236.6	218.1	199.4	182.9	166.5	121.1	98.4
72.5°	3669.0	1800.4	879.1	521.6	164.3	151.0	137.7	129.1	120.6	99.7	76.3
75°	2556.5	1149.9	541.2	327.7	114.3	104.4	94.6	86.9	79.1	65.7	49.7
77.5°	1371.2	602.5	284.1	178.5	72.8	65.2	57.8	51.3	44.6	41.1	30.9
80°	403.5	182.8	97.8	71.4	45.1	39.9	34.8	29.8	24.5	22.9	15.8
82.5°	121.9	55.7	34.8	29.8	24.5	21.5	18.7	15.0	11.4	9.5	6.6
85°	26.9	13.6	10.8	9.8	9.2	7.9	6.6	5.4	4.0	2.4	0.9
87.5°	4.0	0.6	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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	458.8	459.2	458.6	457.7	456.4	455.0	456.1	457.3	455.9	454.5	454.8
5°	429.8	429.7	430.8	432.0	432.2	432.3	434.2	436.0	436.6	437.1	437.7
7.5°	410.5	408.0	408.0	408.0	408.3	408.6	409.7	410.7	412.1	413.4	416.8
10°	396.3	394.4	393.3	392.1	391.2	390.6	393.9	397.2	398.2	399.1	403.2
12.5°	383.4	381.1	379.6	378.2	376.6	375.1	376.6	378.2	381.2	384.2	389.9
15°	370.1	368.7	367.0	365.2	363.7	362.1	363.3	364.8	366.4	367.9	373.6
17.5°	360.5	356.9	353.7	350.5	347.8	345.0	343.7	342.6	347.8	352.9	357.8
20°	348.6	343.7	339.4	335.2	331.7	328.4	327.6	326.8	329.0	331.1	337.4
22.5°	333.0	328.8	323.6	318.4	313.7	308.9	307.6	306.2	307.3	308.6	311.8
25°	319.5	313.3	307.6	301.9	296.9	292.0	288.0	284.1	284.2	284.5	286.3
27.5°	304.5	298.8	292.8	286.8	281.1	275.4	270.3	265.1	263.0	261.1	259.4
30°	289.9	284.9	278.7	272.5	265.7	258.7	253.2	247.7	242.0	236.1	232.5
32.5°	274.7	269.0	263.5	257.9	251.3	244.5	234.5	224.7	218.7	212.8	205.9
35°	258.9	254.0	247.8	241.8	234.2	226.6	217.4	208.1	198.0	188.0	177.9
37.5°	244.3	240.5	234.1	227.6	218.2	208.9	199.1	189.1	175.0	161.1	149.4
40°	229.3	226.6	220.3	214.0	203.2	192.3	178.8	165.4	150.2	134.8	122.2
42.5°	213.5	210.2	204.1	198.1	187.7	177.2	161.7	146.4	129.6	112.7	99.5
45°	195.8	192.7	188.6	184.8	172.8	161.1	143.1	125.0	109.2	93.4	82.0
47.5°	176.3	174.4	173.3	172.2	159.5	146.9	128.0	109.2	94.2	79.1	68.4
50°	166.0	159.5	159.5	159.5	146.5	133.7	114.7	95.7	82.0	68.0	58.6
52.5°	163.3	144.3	144.0	143.7	132.3	121.1	102.5	83.9	73.0	62.0	53.0
55°	169.0	132.1	128.8	125.3	115.4	105.2	89.9	74.4	64.6	54.6	46.5
57.5°	175.3	125.3	115.8	106.3	98.0	89.4	76.3	63.3	55.1	46.7	38.9
60°	172.5	124.7	107.6	90.5	82.9	75.2	64.1	53.0	44.9	36.7	30.1
62.5°	162.2	127.4	103.5	79.4	71.5	63.6	52.9	41.9	35.4	28.8	22.9
65°	143.7	124.7	98.7	72.8	63.1	53.5	44.2	34.8	27.7	20.6	15.2
67.5°	113.1	99.4	81.7	64.1	53.6	43.0	34.2	25.3	19.1	13.0	8.5
70°	86.7	75.2	65.8	56.7	45.1	33.5	23.9	14.2	9.5	4.7	2.8
72.5°	65.8	55.4	49.7	44.0	34.2	24.5	15.5	6.3	4.1	1.9	1.3
75°	42.1	34.5	31.5	28.5	22.8	17.1	10.9	4.7	3.0	1.3	0.6
77.5°	26.6	22.2	21.2	20.3	16.8	13.5	8.2	3.2	1.9	0.8	0.3
80°	14.1	12.3	12.3	12.3	10.1	7.9	4.7	1.6	0.8	0.0	0.0
82.5°	5.7	4.7	4.7	4.7	4.0	3.2	1.6	0.0	0.0	0.0	0.0
85°	1.3	1.6	1.4	1.3	0.8	0.3	0.2	0.0	0.0	0.0	0.0
87.5°	0.2	0.3	0.3	0.3	0.2	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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	455.0	453.4	451.8	450.1	448.2	447.9	448.2	450.1	451.8	453.4	455.0
5°	438.4	438.7	439.1	439.3	439.6	439.9	439.6	439.3	439.1	438.7	438.4
7.5°	420.2	421.9	423.8	425.9	428.1	432.0	428.1	425.9	423.8	421.9	420.2
10°	407.0	409.2	411.5	413.2	414.9	417.8	414.9	413.2	411.5	409.2	407.0
12.5°	395.6	400.1	404.3	405.3	406.4	406.7	406.4	405.3	404.3	400.1	395.6
15°	379.5	384.4	389.3	391.7	394.0	395.6	394.0	391.7	389.3	384.4	379.5
17.5°	362.7	367.9	373.2	377.6	382.2	384.5	382.2	377.6	373.2	367.9	362.7
20°	343.7	350.1	356.4	358.4	360.5	359.2	360.5	358.4	356.4	350.1	343.7
22.5°	314.9	319.7	324.4	327.9	331.5	335.5	331.5	327.9	324.4	319.7	314.9
25°	288.0	289.8	291.5	293.6	295.6	297.5	295.6	293.6	291.5	289.8	288.0
27.5°	257.6	257.2	256.7	256.4	256.1	254.8	256.1	256.4	256.7	257.2	257.6
30°	228.7	224.7	220.8	217.8	214.9	213.6	214.9	217.8	220.8	224.7	228.7
32.5°	199.1	191.8	184.8	180.1	175.3	172.5	175.3	180.1	184.8	191.8	199.1
35°	167.7	158.3	148.8	143.4	138.0	136.1	138.0	143.4	148.8	158.3	167.7
37.5°	137.7	128.0	118.4	112.7	107.3	104.4	107.3	112.7	118.4	128.0	137.7
40°	109.5	100.3	91.0	86.2	81.5	79.1	81.5	86.2	91.0	100.3	109.5
42.5°	86.2	78.3	70.4	66.1	61.7	58.6	61.7	66.1	70.4	78.3	86.2
45°	70.4	63.0	55.4	52.1	48.7	47.5	48.7	52.1	55.4	63.0	70.4
47.5°	57.8	50.8	44.0	40.8	37.7	36.4	37.7	40.8	44.0	50.8	57.8
50°	49.1	42.6	36.1	32.9	29.8	28.5	29.8	32.9	36.1	42.6	49.1
52.5°	44.0	37.0	30.1	26.9	23.7	22.2	23.7	26.9	30.1	37.0	44.0
55°	38.3	31.0	23.7	20.4	17.1	15.8	17.1	20.4	23.7	31.0	38.3
57.5°	31.3	24.4	17.4	14.6	11.9	11.1	11.9	14.6	17.4	24.4	31.3
60°	23.4	17.2	11.1	8.2	5.5	4.7	5.5	8.2	11.1	17.2	23.4
62.5°	17.1	11.2	5.5	3.0	0.3	0.0	0.3	3.0	5.5	11.2	17.1
65°	9.8	6.0	1.9	0.9	0.0	0.0	0.0	0.9	1.9	6.0	9.8
67.5°	4.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.0
70°	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8
72.5°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	454.8	454.5	455.9	457.3	456.1	455.0	456.4	457.7	458.6	459.2	458.8
5°	437.7	437.1	436.6	436.0	434.2	432.3	432.2	432.0	430.8	429.7	429.8
7.5°	416.8	413.4	412.1	410.7	409.7	408.6	408.3	408.0	408.0	408.0	410.5
10°	403.2	399.1	398.2	397.2	393.9	390.6	391.2	392.1	393.3	394.4	396.3
12.5°	389.9	384.2	381.2	378.2	376.6	375.1	376.6	378.2	379.6	381.1	383.4
15°	373.6	367.9	366.4	364.8	363.3	362.1	363.7	365.2	367.0	368.7	370.1
17.5°	357.8	352.9	347.8	342.6	343.7	345.0	347.8	350.5	353.7	356.9	360.5
20°	337.4	331.1	329.0	326.8	327.6	328.4	331.7	335.2	339.4	343.7	348.6
22.5°	311.8	308.6	307.3	306.2	307.6	308.9	313.7	318.4	323.6	328.8	333.0
25°	286.3	284.5	284.2	284.1	288.0	292.0	296.9	301.9	307.6	313.3	319.5
27.5°	259.4	261.1	263.0	265.1	270.3	275.4	281.1	286.8	292.8	298.8	304.5
30°	232.5	236.1	242.0	247.7	253.2	258.7	265.7	272.5	278.7	284.9	289.9
32.5°	205.9	212.8	218.7	224.7	234.5	244.5	251.3	257.9	263.5	269.0	274.7
35°	177.9	188.0	198.0	208.1	217.4	226.6	234.2	241.8	247.8	254.0	258.9
37.5°	149.4	161.1	175.0	189.1	199.1	208.9	218.2	227.6	234.1	240.5	244.3
40°	122.2	134.8	150.2	165.4	178.8	192.3	203.2	214.0	220.3	226.6	229.3
42.5°	99.5	112.7	129.6	146.4	161.7	177.2	187.7	198.1	204.1	210.2	213.5
45°	82.0	93.4	109.2	125.0	143.1	161.1	172.8	184.8	188.6	192.7	195.8
47.5°	68.4	79.1	94.2	109.2	128.0	146.9	159.5	172.2	173.3	174.4	176.3
50°	58.6	68.0	82.0	95.7	114.7	133.7	146.5	159.5	159.5	159.5	166.0
52.5°	53.0	62.0	73.0	83.9	102.5	121.1	132.3	143.7	144.0	144.3	163.3
55°	46.5	54.6	64.6	74.4	89.9	105.2	115.4	125.3	128.8	132.1	169.0
57.5°	38.9	46.7	55.1	63.3	76.3	89.4	98.0	106.3	115.8	125.3	175.3
60°	30.1	36.7	44.9	53.0	64.1	75.2	82.9	90.5	107.6	124.7	172.5
62.5°	22.9	28.8	35.4	41.9	52.9	63.6	71.5	79.4	103.5	127.4	162.2
65°	15.2	20.6	27.7	34.8	44.2	53.5	63.1	72.8	98.7	124.7	143.7
67.5°	8.5	13.0	19.1	25.3	34.2	43.0	53.6	64.1	81.7	99.4	113.1
70°	2.8	4.7	9.5	14.2	23.9	33.5	45.1	56.7	65.8	75.2	86.7
72.5°	1.3	1.9	4.1	6.3	15.5	24.5	34.2	44.0	49.7	55.4	65.8
75°	0.6	1.3	3.0	4.7	10.9	17.1	22.8	28.5	31.5	34.5	42.1
77.5°	0.3	0.8	1.9	3.2	8.2	13.5	16.8	20.3	21.2	22.2	26.6
80°	0.0	0.0	0.8	1.6	4.7	7.9	10.1	12.3	12.3	12.3	14.1
82.5°	0.0	0.0	0.0	0.0	1.6	3.2	4.0	4.7	4.7	4.7	5.7
85°	0.0	0.0	0.0	0.0	0.2	0.3	0.8	1.3	1.4	1.6	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.2
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	458.3	458.9	460.5	461.1	461.8	462.4	463.4	465.3	467.2	468.4	466.8
5°	429.8	433.6	436.0	439.1	442.3	445.3	448.2	451.3	454.5	459.2	465.3
7.5°	413.4	413.8	415.4	418.1	420.9	424.9	428.9	433.6	438.4	444.1	450.2
10°	398.0	397.2	401.2	405.4	409.9	414.6	419.4	427.0	434.4	444.2	451.8
12.5°	385.8	387.7	390.9	395.6	400.4	408.1	415.9	430.8	446.0	466.4	485.0
15°	371.6	378.2	383.3	389.5	395.6	409.1	422.5	450.7	478.7	515.6	553.9
17.5°	364.3	367.9	373.8	382.2	390.6	413.4	436.5	487.6	538.8	609.4	693.1
20°	353.5	359.2	364.8	376.3	387.7	424.7	461.8	545.8	629.8	744.7	872.8
22.5°	337.4	346.6	354.5	372.2	390.1	450.4	510.8	639.0	767.2	928.9	1084.0
25°	325.7	330.7	339.4	364.3	389.3	478.6	567.8	749.3	930.8	1149.7	1339.6
27.5°	310.3	315.7	326.3	360.5	394.4	527.0	659.6	899.8	1140.2	1398.8	1599.9
30°	295.0	299.9	313.3	359.9	406.4	585.2	764.0	1068.5	1373.3	1683.6	1910.9
32.5°	280.4	289.6	303.8	362.1	420.2	650.7	881.5	1257.5	1633.5	1996.0	2236.9
35°	263.6	271.4	287.2	363.8	440.3	734.0	1027.4	1472.5	1917.7	2313.9	2534.4
37.5°	248.1	253.2	270.6	365.4	460.2	827.0	1194.0	1715.6	2237.4	2663.2	2866.7
40°	232.0	238.2	257.2	368.1	479.2	918.5	1357.8	1967.4	2577.1	3046.3	3218.0
42.5°	217.0	220.0	249.7	372.8	496.1	1000.5	1505.0	2211.7	2918.5	3454.0	3645.3
45°	198.8	204.1	252.9	382.0	511.2	1070.1	1629.2	2480.0	3330.9	4040.8	4417.6
47.5°	178.2	193.9	267.8	395.8	523.8	1112.5	1701.2	2780.3	3859.4	4915.3	5544.3
50°	172.5	204.1	296.2	416.4	536.5	1131.3	1726.2	3068.3	4410.5	5943.4	7037.4
52.5°	182.1	239.0	326.3	429.2	532.0	1100.2	1668.3	3192.1	4715.9	6680.6	8385.7
55°	205.9	287.2	351.6	430.8	509.9	1027.2	1544.5	3131.2	4717.8	6960.7	9245.0
57.5°	225.0	306.2	341.5	417.0	492.5	925.6	1358.6	2820.2	4282.0	6607.8	9544.1
60°	220.6	275.4	303.5	404.5	505.6	767.8	1030.2	2284.4	3538.5	5878.5	8947.5
62.5°	197.0	218.4	261.4	360.2	458.9	611.5	764.0	1812.0	2859.9	5007.2	7962.4
65°	162.7	171.7	246.9	320.9	394.8	466.5	538.1	1423.3	2308.6	4191.9	6808.7
67.5°	126.9	143.2	209.2	241.3	273.5	305.3	337.1	1057.3	1777.5	3370.1	5833.9
70°	98.4	121.1	166.5	182.9	199.4	218.1	236.6	784.6	1332.5	2610.0	4814.0
72.5°	76.3	99.7	120.6	129.1	137.7	151.0	164.3	521.6	879.1	1800.4	3669.0
75°	49.7	65.7	79.1	86.9	94.6	104.4	114.3	327.7	541.2	1149.9	2556.5
77.5°	30.9	41.1	44.6	51.3	57.8	65.2	72.8	178.5	284.1	602.5	1371.2
80°	15.8	22.9	24.5	29.8	34.8	39.9	45.1	71.4	97.8	182.8	403.5
82.5°	6.6	9.5	11.4	15.0	18.7	21.5	24.5	29.8	34.8	55.7	121.9
85°	0.9	2.4	4.0	5.4	6.6	7.9	9.2	9.8	10.8	13.6	26.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.0
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°	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	468.3	469.7	471.7	474.0	474.9	476.0	476.5	477.0	473.2	477.0	476.5
5°	469.2	473.2	477.9	482.7	485.2	487.7	489.0	490.3	493.7	490.3	489.0
7.5°	460.4	470.3	479.5	488.7	495.6	502.9	508.9	514.9	519.1	514.9	508.9
10°	470.2	488.7	506.6	524.6	538.4	552.3	561.6	571.0	576.0	571.0	561.6
12.5°	514.9	544.7	574.8	604.8	633.2	661.5	680.3	699.2	712.1	699.2	680.3
15°	610.1	666.2	718.8	771.5	815.3	859.3	882.6	905.8	908.4	905.8	882.6
17.5°	775.3	857.4	927.2	997.0	1043.7	1090.3	1112.7	1135.0	1141.0	1135.0	1112.7
20°	976.1	1079.3	1145.1	1210.9	1242.3	1273.6	1285.3	1297.0	1289.7	1297.0	1285.3
22.5°	1193.5	1303.2	1348.3	1393.4	1390.4	1387.5	1377.7	1367.9	1351.5	1367.9	1377.7
25°	1430.6	1521.6	1512.1	1502.6	1464.0	1425.5	1392.9	1360.3	1345.1	1360.3	1392.9
27.5°	1649.1	1698.3	1630.9	1563.5	1490.1	1416.7	1373.1	1329.5	1302.4	1329.5	1373.1
30°	1879.1	1847.1	1727.2	1607.0	1514.1	1421.1	1369.5	1317.9	1286.6	1317.9	1369.5
32.5°	2124.5	2012.2	1841.1	1669.9	1561.8	1453.5	1393.9	1334.1	1296.1	1334.1	1393.9
35°	2350.2	2166.1	1949.3	1732.5	1616.1	1499.9	1430.9	1362.2	1332.5	1362.2	1430.9
37.5°	2589.1	2311.7	2048.7	1785.9	1658.8	1531.9	1468.6	1405.4	1373.6	1405.4	1468.6
40°	2853.3	2488.5	2181.3	1874.0	1762.3	1650.6	1609.1	1567.6	1558.8	1567.6	1609.1
42.5°	3197.3	2749.1	2420.6	2092.1	2039.2	1986.4	2000.5	2014.4	2071.5	2014.4	2000.5
45°	3870.2	3323.0	2952.0	2581.1	2600.7	2620.3	2728.1	2836.0	2899.2	2836.0	2728.1
47.5°	4949.1	4353.8	3880.5	3407.1	3538.8	3670.6	3932.4	4194.3	4250.6	4194.3	3932.4
50°	6404.6	5771.7	5181.0	4590.1	4867.8	5145.5	5645.9	6146.2	6228.8	6146.2	5645.9
52.5°	7897.7	7409.6	6718.4	6027.0	6498.6	6970.2	7704.6	8439.2	8664.2	8439.2	7704.6
55°	9404.5	9563.9	8838.3	8112.7	8687.8	9262.7	10230.6	11198.5	11629.9	11198.5	10230.6
57.5°	10486.7	11429.2	10921.1	10412.9	11006.4	11599.8	12795.9	13991.9	14673.0	13991.9	12795.9
60°	10296.4	11645.4	11605.5	11565.8	12371.1	13176.3	14502.8	15829.2	16304.6	15829.2	14502.8
62.5°	9074.9	10187.4	10389.5	10591.7	11726.2	12860.7	14099.5	15338.3	15825.1	15338.3	14099.5
65°	7804.0	8799.1	8955.4	9111.8	10323.0	11534.6	12653.4	13772.3	13937.2	13772.3	12653.4
67.5°	6841.2	7848.5	7946.7	8045.2	9075.7	10106.2	10935.8	11765.3	11561.8	11765.3	10935.8
70°	5879.2	6944.4	7107.2	7270.1	7999.6	8729.1	9214.0	9698.9	9453.9	9698.9	9214.0
72.5°	4747.8	5826.8	5977.1	6127.5	6634.0	7140.6	7380.5	7620.1	7137.1	7620.1	7380.5
75°	3483.7	4410.8	4608.3	4805.8	5160.9	5516.3	5612.8	5709.4	5263.4	5709.4	5612.8
77.5°	1992.7	2614.3	2964.2	3314.1	3699.3	4084.5	4130.4	4176.2	3880.3	4176.2	4130.4
80°	688.4	973.2	1384.5	1795.8	2258.6	2721.6	2743.9	2766.2	2546.3	2766.2	2743.9
82.5°	245.4	369.0	655.2	941.3	1277.7	1614.2	1582.5	1550.7	1327.7	1550.7	1582.5
85°	85.5	144.0	318.1	492.2	645.8	799.5	737.0	674.5	547.5	674.5	737.0
87.5°	23.6	43.0	113.3	183.6	221.6	259.5	211.9	164.3	148.8	164.3	211.9
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: P1209507

CATALOG NUMBER: UPW-SA2-130-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	463.7	463.7	463.7	463.7	463.7	463.7	463.7
2.5°	476.0	474.9	474.0	471.7	469.7	468.3	466.8
5°	487.7	485.2	482.7	477.9	473.2	469.2	465.3
7.5°	502.9	495.6	488.7	479.5	470.3	460.4	450.2
10°	552.3	538.4	524.6	506.6	488.7	470.2	451.8
12.5°	661.5	633.2	604.8	574.8	544.7	514.9	485.0
15°	859.3	815.3	771.5	718.8	666.2	610.1	553.9
17.5°	1090.3	1043.7	997.0	927.2	857.4	775.3	693.1
20°	1273.6	1242.3	1210.9	1145.1	1079.3	976.1	872.8
22.5°	1387.5	1390.4	1393.4	1348.3	1303.2	1193.5	1084.0
25°	1425.5	1464.0	1502.6	1512.1	1521.6	1430.6	1339.6
27.5°	1416.7	1490.1	1563.5	1630.9	1698.3	1649.1	1599.9
30°	1421.1	1514.1	1607.0	1727.2	1847.1	1879.1	1910.9
32.5°	1453.5	1561.8	1669.9	1841.1	2012.2	2124.5	2236.9
35°	1499.9	1616.1	1732.5	1949.3	2166.1	2350.2	2534.4
37.5°	1531.9	1658.8	1785.9	2048.7	2311.7	2589.1	2866.7
40°	1650.6	1762.3	1874.0	2181.3	2488.5	2853.3	3218.0
42.5°	1986.4	2039.2	2092.1	2420.6	2749.1	3197.3	3645.3
45°	2620.3	2600.7	2581.1	2952.0	3323.0	3870.2	4417.6
47.5°	3670.6	3538.8	3407.1	3880.5	4353.8	4949.1	5544.3
50°	5145.5	4867.8	4590.1	5181.0	5771.7	6404.6	7037.4
52.5°	6970.2	6498.6	6027.0	6718.4	7409.6	7897.7	8385.7
55°	9262.7	8687.8	8112.7	8838.3	9563.9	9404.5	9245.0
57.5°	11599.8	11006.4	10412.9	10921.1	11429.2	10486.7	9544.1
60°	13176.3	12371.1	11565.8	11605.5	11645.4	10296.4	8947.5
62.5°	12860.7	11726.2	10591.7	10389.5	10187.4	9074.9	7962.4
65°	11534.6	10323.0	9111.8	8955.4	8799.1	7804.0	6808.7
67.5°	10106.2	9075.7	8045.2	7946.7	7848.5	6841.2	5833.9
70°	8729.1	7999.6	7270.1	7107.2	6944.4	5879.2	4814.0
72.5°	7140.6	6634.0	6127.5	5977.1	5826.8	4747.8	3669.0
75°	5516.3	5160.9	4805.8	4608.3	4410.8	3483.7	2556.5
77.5°	4084.5	3699.3	3314.1	2964.2	2614.3	1992.7	1371.2
80°	2721.6	2258.6	1795.8	1384.5	973.2	688.4	403.5
82.5°	1614.2	1277.7	941.3	655.2	369.0	245.4	121.9
85°	799.5	645.8	492.2	318.1	144.0	85.5	26.9
87.5°	259.5	221.6	183.6	113.3	43.0	23.6	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)