

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: P1207858

Luminaire Tested: UPW-SA1-030-740-U-SLL-HSS

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1207858
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-2)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-030-740-U-SLL-HSS
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3146 lumens
Efficiency: N/A
Efficacy: 92.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

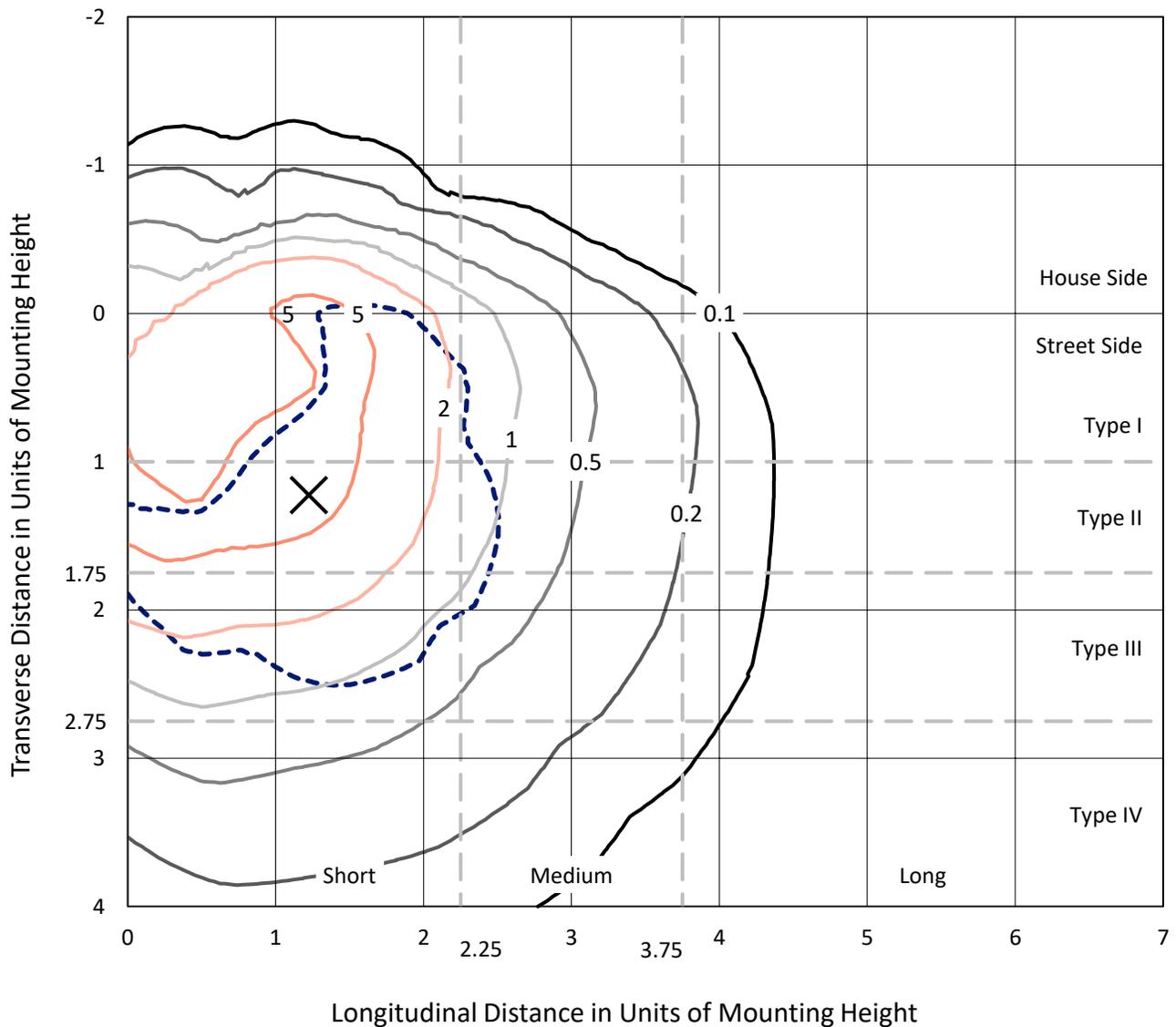
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P1207858
 CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

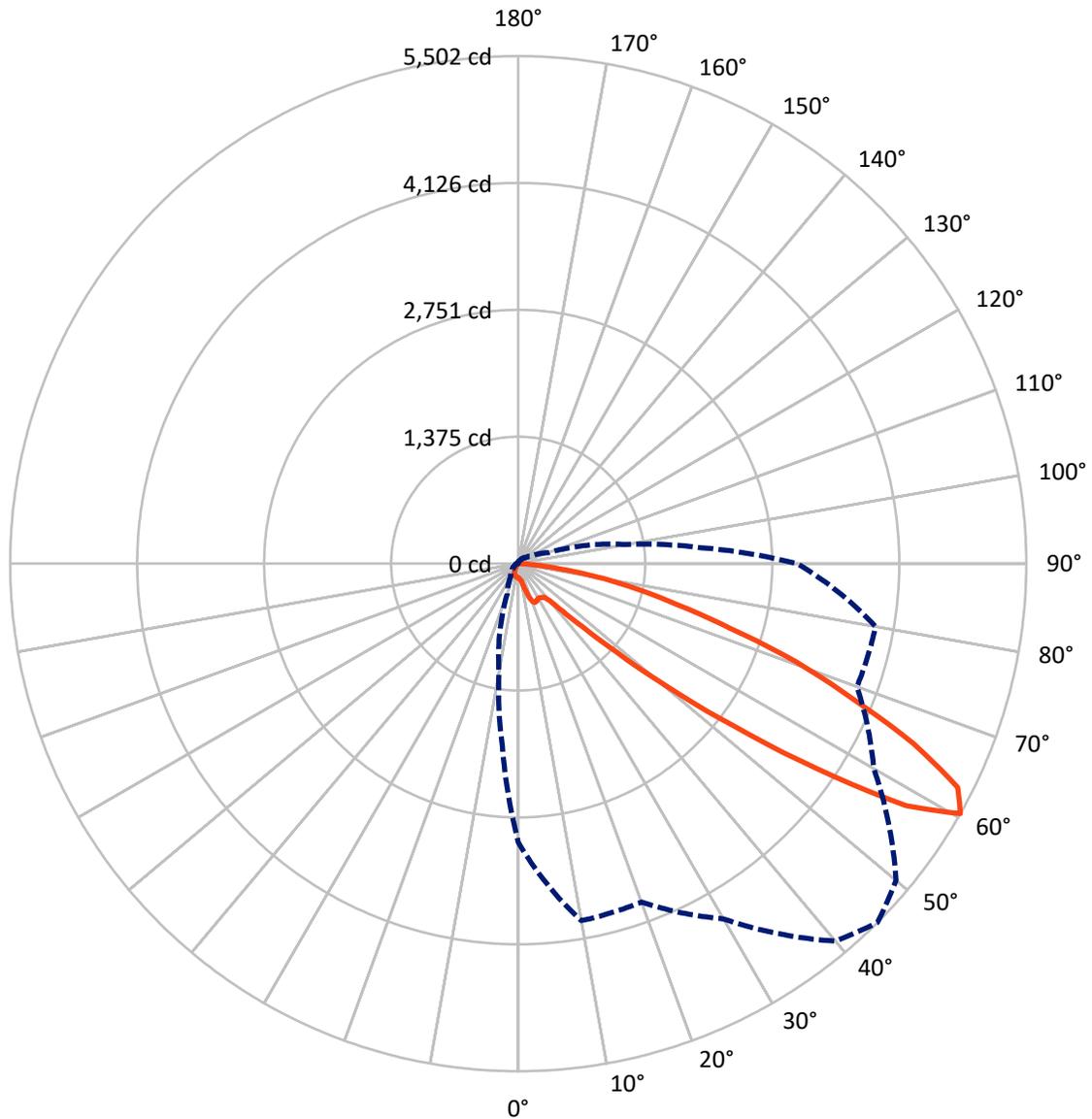
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.6 fc
 Type III - Short - N/A

REPORT NUMBER: P1207858
CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	362.4	0.0	362.4
	% Fixture	11.5	0.0	11.5
Street Side	Lumens	2783.6	0.0	2783.6
	% Fixture	88.5	0.0	88.5
Total	Lumens	3146.0	0.0	3146.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	0.5
10°-20°	48.5	1.5
20°-30°	104.8	3.3
30°-40°	176.6	5.6
40°-50°	356.7	11.3
50°-60°	917.4	29.2
60°-70°	997.4	31.7
70°-80°	469.9	14.9
80°-90°	60.3	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°	3146.0	100.0
0°-180°	3146.0	100.0



REPORT NUMBER: P1207858

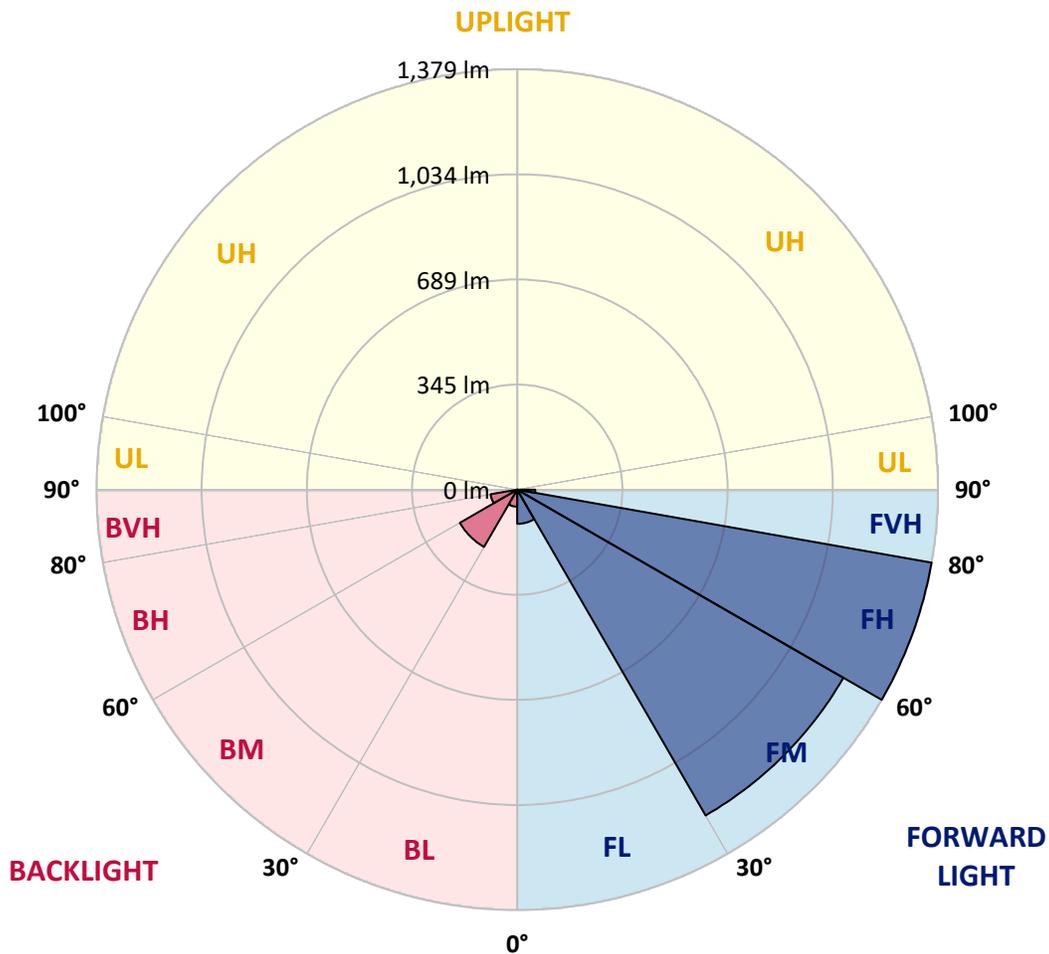
CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	112.0	3.6			
FM	(30°-60°)	1233.8	39.2			
FH	(60°-80°)	1378.6	43.8			G1/1800
FVH	(80°-90°)	59.3	1.9			G1/100
BL	(0°-30°)	55.7	1.8	B0/110		
BM	(30°-60°)	217.0	6.9	B0/220		
BH	(60°-80°)	88.7	2.8	B0/110		G0/110
BVH	(80°-90°)	1.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short





REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	157.5	158.0	158.5	159.2	159.9	160.3	160.6	160.8	161.0	159.7	161.0
5°	157.0	158.3	159.7	161.3	162.9	163.7	164.6	165.0	165.4	166.6	165.4
7.5°	151.9	155.3	158.7	161.8	164.9	167.3	169.7	171.7	173.8	175.2	173.8
10°	152.5	158.7	164.9	170.9	177.0	181.7	186.4	189.5	192.7	194.4	192.7
12.5°	163.7	173.8	183.8	194.0	204.1	213.7	223.2	229.6	235.9	240.3	235.9
15°	186.9	205.9	224.8	242.5	260.3	275.1	290.0	297.8	305.7	306.5	305.7
17.5°	233.9	261.6	289.3	312.9	336.4	352.2	367.9	375.5	383.0	385.0	383.0
20°	294.5	329.4	364.2	386.4	408.6	419.2	429.8	433.7	437.7	435.2	437.7
22.5°	365.8	402.8	439.8	455.0	470.2	469.2	468.2	464.9	461.6	456.0	461.6
25°	452.0	482.7	513.5	510.2	507.0	494.0	481.0	470.0	459.0	453.9	459.0
27.5°	539.9	556.5	573.1	550.4	527.6	502.8	478.0	463.4	448.6	439.5	448.6
30°	644.8	634.1	623.3	582.8	542.3	510.9	479.5	462.1	444.7	434.2	444.7
32.5°	754.8	716.9	679.0	621.3	563.5	527.0	490.5	470.4	450.2	437.4	450.2
35°	855.2	793.1	731.0	657.8	584.6	545.3	506.1	482.9	459.7	449.6	459.7
37.5°	967.4	873.7	780.1	691.3	602.6	559.7	516.9	495.6	474.3	463.5	474.3
40°	1085.9	962.8	839.7	736.1	632.4	594.7	557.0	543.0	529.0	526.0	529.0
42.5°	1230.1	1078.9	927.7	816.8	706.0	688.1	670.3	675.0	679.7	699.0	679.7
45°	1490.7	1306.0	1121.3	996.1	871.0	877.6	884.2	920.6	957.0	978.3	957.0
47.5°	1870.9	1670.1	1469.2	1309.4	1149.7	1194.2	1238.6	1327.0	1415.3	1434.4	1415.3
50°	2374.7	2161.2	1947.6	1748.3	1548.9	1642.6	1736.3	1905.2	2074.0	2101.9	2074.0
52.5°	2829.7	2665.0	2500.3	2267.1	2033.8	2192.9	2352.0	2599.9	2847.8	2923.7	2847.8
55°	3119.7	3173.5	3227.3	2982.4	2737.6	2931.7	3125.7	3452.3	3778.9	3924.4	3778.9
57.5°	3220.6	3538.7	3856.7	3685.3	3513.8	3714.0	3914.3	4317.9	4721.5	4951.3	4721.5
60°	3019.3	3474.5	3929.7	3916.2	3902.8	4174.6	4446.3	4893.9	5341.5	5501.9	5341.5
62.5°	2686.9	3062.3	3437.7	3505.9	3574.1	3957.0	4339.8	4757.8	5175.8	5340.1	5175.8
65°	2297.6	2633.4	2969.2	3022.0	3074.7	3483.5	3892.3	4269.8	4647.4	4703.0	4647.4
67.5°	1968.6	2308.5	2648.4	2681.6	2714.8	3062.5	3410.3	3690.2	3970.2	3901.5	3970.2
70°	1624.5	1983.9	2343.3	2398.3	2453.2	2699.4	2945.6	3109.2	3272.8	3190.2	3272.8
72.5°	1238.1	1602.1	1966.2	2017.0	2067.7	2238.6	2409.6	2490.5	2571.4	2408.4	2571.4
75°	862.7	1175.6	1488.4	1555.0	1621.7	1741.5	1861.5	1894.0	1926.6	1776.1	1926.6
77.5°	462.7	672.4	882.2	1000.3	1118.3	1248.3	1378.3	1393.8	1409.3	1309.4	1409.3
80°	136.2	232.3	328.4	467.2	606.0	762.1	918.4	925.9	933.4	859.2	933.4
82.5°	41.1	82.8	124.5	221.1	317.6	431.2	544.7	534.0	523.3	448.0	523.3
85°	9.1	28.8	48.6	107.3	166.1	217.9	269.8	248.7	227.6	184.8	227.6
87.5°	1.3	8.0	14.5	38.2	61.9	74.8	87.6	71.5	55.4	50.2	55.4
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: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	160.8	160.6	160.3	159.9	159.2	158.5	158.0	157.5	158.1	157.6	157.0
5°	165.0	164.6	163.7	162.9	161.3	159.7	158.3	157.0	155.0	153.4	152.3
7.5°	171.7	169.7	167.3	164.9	161.8	158.7	155.3	151.9	149.8	147.9	146.3
10°	189.5	186.4	181.7	177.0	170.9	164.9	158.7	152.5	149.9	146.6	144.1
12.5°	229.6	223.2	213.7	204.1	194.0	183.8	173.8	163.7	157.4	150.5	145.4
15°	297.8	290.0	275.1	260.3	242.5	224.8	205.9	186.9	174.0	161.5	152.1
17.5°	375.5	367.9	352.2	336.4	312.9	289.3	261.6	233.9	205.6	181.8	164.5
20°	433.7	429.8	419.2	408.6	386.4	364.2	329.4	294.5	251.3	212.5	184.2
22.5°	464.9	468.2	469.2	470.2	455.0	439.8	402.8	365.8	313.5	258.9	215.6
25°	470.0	481.0	494.0	507.0	510.2	513.5	482.7	452.0	388.0	314.1	252.9
27.5°	463.4	478.0	502.8	527.6	550.4	573.1	556.5	539.9	472.0	384.8	303.6
30°	462.1	479.5	510.9	542.3	582.8	623.3	634.1	644.8	568.1	463.4	360.6
32.5°	470.4	490.5	527.0	563.5	621.3	679.0	716.9	754.8	673.5	551.2	424.3
35°	482.9	506.1	545.3	584.6	657.8	731.0	793.1	855.2	780.8	647.1	496.9
37.5°	495.6	516.9	559.7	602.6	691.3	780.1	873.7	967.4	898.7	755.0	578.9
40°	543.0	557.0	594.7	632.4	736.1	839.7	962.8	1085.9	1028.0	869.6	663.9
42.5°	675.0	670.3	688.1	706.0	816.8	927.7	1078.9	1230.1	1165.5	984.8	746.3
45°	920.6	884.2	877.6	871.0	996.1	1121.3	1306.0	1490.7	1363.5	1124.0	836.8
47.5°	1327.0	1238.6	1194.2	1149.7	1309.4	1469.2	1670.1	1870.9	1658.6	1302.3	938.2
50°	1905.2	1736.3	1642.6	1548.9	1748.3	1947.6	2161.2	2374.7	2005.6	1488.3	1035.4
52.5°	2599.9	2352.0	2192.9	2033.8	2267.1	2500.3	2665.0	2829.7	2254.3	1591.4	1077.2
55°	3452.3	3125.7	2931.7	2737.6	2982.4	3227.3	3173.5	3119.7	2348.8	1592.0	1056.6
57.5°	4317.9	3914.3	3714.0	3513.8	3685.3	3856.7	3538.7	3220.6	2229.8	1444.9	951.7
60°	4893.9	4446.3	4174.6	3902.8	3916.2	3929.7	3474.5	3019.3	1983.7	1194.0	770.8
62.5°	4757.8	4339.8	3957.0	3574.1	3505.9	3437.7	3062.3	2686.9	1689.7	965.1	611.4
65°	4269.8	3892.3	3483.5	3074.7	3022.0	2969.2	2633.4	2297.6	1414.5	779.0	480.3
67.5°	3690.2	3410.3	3062.5	2714.8	2681.6	2648.4	2308.5	1968.6	1137.2	599.8	356.8
70°	3109.2	2945.6	2699.4	2453.2	2398.3	2343.3	1983.9	1624.5	880.7	449.6	264.8
72.5°	2490.5	2409.6	2238.6	2067.7	2017.0	1966.2	1602.1	1238.1	607.5	296.6	176.0
75°	1894.0	1861.5	1741.5	1621.7	1555.0	1488.4	1175.6	862.7	388.0	182.6	110.6
77.5°	1393.8	1378.3	1248.3	1118.3	1000.3	882.2	672.4	462.7	203.3	95.9	60.2
80°	925.9	918.4	762.1	606.0	467.2	328.4	232.3	136.2	61.7	33.0	24.1
82.5°	534.0	544.7	431.2	317.6	221.1	124.5	82.8	41.1	18.8	11.7	10.0
85°	248.7	269.8	217.9	166.1	107.3	48.6	28.8	9.1	4.6	3.6	3.3
87.5°	71.5	87.6	74.8	61.9	38.2	14.5	8.0	1.3	0.2	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



REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	156.4	156.0	155.8	155.6	155.4	154.9	154.6	154.8	155.0	154.8	154.4
5°	151.2	150.3	149.3	148.2	147.1	146.3	145.0	145.0	145.0	145.4	145.8
7.5°	144.7	143.4	142.0	141.1	140.2	139.6	139.5	138.5	137.7	137.7	137.7
10°	141.5	139.9	138.3	136.8	135.4	134.0	134.3	133.7	133.1	132.7	132.3
12.5°	140.3	137.7	135.1	133.5	131.9	130.8	130.2	129.4	128.6	128.1	127.6
15°	142.6	138.0	133.5	131.4	129.3	127.6	125.4	124.9	124.4	123.8	123.2
17.5°	147.3	139.5	131.8	129.0	126.1	124.2	122.9	121.6	120.4	119.4	118.3
20°	155.8	143.3	130.8	127.0	123.1	121.2	119.3	117.6	116.0	114.5	113.1
22.5°	172.4	152.0	131.6	125.6	119.6	116.9	113.9	112.4	111.0	109.2	107.4
25°	191.6	161.5	131.4	122.9	114.5	111.6	109.9	107.8	105.7	103.8	101.9
27.5°	222.6	177.8	133.1	121.6	110.1	106.5	104.7	102.7	100.8	98.8	96.8
30°	257.8	197.5	137.1	121.4	105.7	101.2	99.5	97.8	96.1	94.0	92.0
32.5°	297.4	219.6	141.8	122.2	102.5	97.7	94.6	92.7	90.8	88.9	87.0
35°	346.7	247.7	148.6	122.8	96.9	91.6	89.0	87.4	85.7	83.6	81.6
37.5°	402.9	279.1	155.3	123.3	91.3	85.4	83.7	82.5	81.2	79.0	76.8
40°	458.2	309.9	161.7	124.2	86.8	80.4	78.3	77.4	76.5	74.3	72.2
42.5°	507.8	337.6	167.4	125.8	84.3	74.2	73.2	72.0	70.9	68.9	66.9
45°	549.8	361.1	172.5	128.9	85.3	68.9	67.1	66.1	65.0	63.7	62.4
47.5°	574.1	375.4	176.8	133.6	90.4	65.4	60.1	59.5	58.8	58.5	58.1
50°	582.5	381.8	181.0	140.5	100.0	68.9	58.2	56.0	53.8	53.8	53.8
52.5°	563.0	371.2	179.5	144.8	110.1	80.6	61.5	55.1	48.7	48.6	48.5
55°	521.2	346.6	172.1	145.4	118.7	96.9	69.5	57.0	44.6	43.5	42.3
57.5°	458.4	312.3	166.2	140.7	115.2	103.3	75.9	59.2	42.3	39.1	35.9
60°	347.6	259.1	170.6	136.5	102.4	92.9	74.4	58.2	42.1	36.3	30.5
62.5°	257.8	206.3	154.9	121.5	88.2	73.7	66.5	54.7	43.0	34.9	26.8
65°	181.6	157.4	133.2	108.3	83.3	57.9	54.9	48.5	42.1	33.3	24.6
67.5°	113.7	103.0	92.3	81.4	70.6	48.3	42.8	38.2	33.5	27.6	21.6
70°	79.8	73.6	67.3	61.7	56.2	40.9	33.2	29.3	25.4	22.2	19.1
72.5°	55.4	50.9	46.5	43.6	40.7	33.6	25.7	22.2	18.7	16.8	14.8
75°	38.6	35.2	31.9	29.3	26.7	22.2	16.8	14.2	11.6	10.6	9.6
77.5°	24.6	22.0	19.5	17.3	15.1	13.9	10.4	9.0	7.5	7.2	6.8
80°	15.2	13.5	11.7	10.0	8.3	7.7	5.3	4.8	4.2	4.2	4.2
82.5°	8.3	7.3	6.3	5.1	3.8	3.2	2.2	1.9	1.6	1.6	1.6
85°	3.1	2.7	2.2	1.8	1.3	0.8	0.3	0.4	0.5	0.5	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
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: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	154.0	153.5	153.9	154.3	153.8	153.4	153.5	153.5	153.0	152.5	151.9
5°	145.8	145.9	146.5	147.1	147.3	147.5	147.7	147.9	148.0	148.2	148.2
7.5°	137.8	137.9	138.3	138.6	139.1	139.5	140.7	141.8	142.4	143.0	143.7
10°	132.0	131.8	132.9	134.0	134.4	134.7	136.1	137.3	138.1	138.8	139.4
12.5°	127.1	126.6	127.1	127.6	128.6	129.7	131.6	133.5	135.0	136.4	136.8
15°	122.7	122.2	122.6	123.1	123.6	124.2	126.1	128.1	129.7	131.4	132.2
17.5°	117.4	116.4	116.0	115.6	117.4	119.1	120.7	122.4	124.2	125.9	127.4
20°	111.9	110.8	110.5	110.3	111.0	111.7	113.9	116.0	118.1	120.3	121.0
22.5°	105.8	104.2	103.8	103.3	103.7	104.1	105.2	106.3	107.9	109.5	110.6
25°	100.2	98.5	97.2	95.9	95.9	96.0	96.6	97.2	97.8	98.4	99.1
27.5°	94.8	92.9	91.2	89.4	88.8	88.1	87.5	86.9	86.8	86.6	86.5
30°	89.7	87.3	85.4	83.6	81.7	79.7	78.4	77.2	75.8	74.5	73.5
32.5°	84.8	82.5	79.1	75.8	73.8	71.8	69.5	67.2	64.7	62.4	60.8
35°	79.0	76.5	73.4	70.2	66.8	63.4	60.0	56.6	53.4	50.2	48.4
37.5°	73.6	70.5	67.2	63.8	59.1	54.4	50.4	46.5	43.2	39.9	38.0
40°	68.6	64.9	60.3	55.8	50.7	45.5	41.2	37.0	33.9	30.7	29.1
42.5°	63.3	59.8	54.6	49.4	43.7	38.0	33.6	29.1	26.4	23.8	22.3
45°	58.3	54.4	48.3	42.2	36.8	31.5	27.7	23.8	21.3	18.7	17.6
47.5°	53.8	49.6	43.2	36.8	31.8	26.7	23.1	19.5	17.1	14.8	13.8
50°	49.4	45.1	38.7	32.3	27.7	23.0	19.8	16.6	14.4	12.2	11.1
52.5°	44.6	40.9	34.6	28.3	24.6	20.9	17.9	14.8	12.5	10.1	9.1
55°	38.9	35.5	30.3	25.1	21.8	18.4	15.7	12.9	10.5	8.0	6.9
57.5°	33.1	30.2	25.7	21.4	18.6	15.8	13.1	10.6	8.2	5.9	4.9
60°	28.0	25.4	21.6	17.9	15.2	12.4	10.1	7.9	5.8	3.7	2.8
62.5°	24.1	21.5	17.8	14.2	12.0	9.7	7.7	5.8	3.8	1.9	1.0
65°	21.3	18.0	14.9	11.7	9.3	6.9	5.1	3.3	2.0	0.6	0.3
67.5°	18.1	14.5	11.5	8.5	6.5	4.4	2.9	1.3	0.6	0.0	0.0
70°	15.2	11.3	8.1	4.8	3.2	1.6	1.0	0.3	0.1	0.0	0.0
72.5°	11.5	8.3	5.2	2.1	1.4	0.6	0.4	0.1	0.1	0.0	0.0
75°	7.7	5.8	3.7	1.6	1.0	0.4	0.2	0.0	0.0	0.0	0.0
77.5°	5.7	4.5	2.8	1.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0
80°	3.4	2.7	1.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.1	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



REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	151.2	151.1	151.2	151.9	152.5	153.0	153.5	153.5	153.4	153.8	154.3
5°	148.3	148.5	148.3	148.2	148.2	148.0	147.9	147.7	147.5	147.3	147.1
7.5°	144.4	145.8	144.4	143.7	143.0	142.4	141.8	140.7	139.5	139.1	138.6
10°	140.0	141.0	140.0	139.4	138.8	138.1	137.3	136.1	134.7	134.4	134.0
12.5°	137.1	137.2	137.1	136.8	136.4	135.0	133.5	131.6	129.7	128.6	127.6
15°	133.0	133.5	133.0	132.2	131.4	129.7	128.1	126.1	124.2	123.6	123.1
17.5°	129.0	129.8	129.0	127.4	125.9	124.2	122.4	120.7	119.1	117.4	115.6
20°	121.6	121.2	121.6	121.0	120.3	118.1	116.0	113.9	111.7	111.0	110.3
22.5°	111.9	113.2	111.9	110.6	109.5	107.9	106.3	105.2	104.1	103.7	103.3
25°	99.8	100.4	99.8	99.1	98.4	97.8	97.2	96.6	96.0	95.9	95.9
27.5°	86.4	86.0	86.4	86.5	86.6	86.8	86.9	87.5	88.1	88.8	89.4
30°	72.5	72.1	72.5	73.5	74.5	75.8	77.2	78.4	79.7	81.7	83.6
32.5°	59.2	58.2	59.2	60.8	62.4	64.7	67.2	69.5	71.8	73.8	75.8
35°	46.6	45.9	46.6	48.4	50.2	53.4	56.6	60.0	63.4	66.8	70.2
37.5°	36.2	35.2	36.2	38.0	39.9	43.2	46.5	50.4	54.4	59.1	63.8
40°	27.5	26.7	27.5	29.1	30.7	33.9	37.0	41.2	45.5	50.7	55.8
42.5°	20.8	19.8	20.8	22.3	23.8	26.4	29.1	33.6	38.0	43.7	49.4
45°	16.4	16.0	16.4	17.6	18.7	21.3	23.8	27.7	31.5	36.8	42.2
47.5°	12.7	12.3	12.7	13.8	14.8	17.1	19.5	23.1	26.7	31.8	36.8
50°	10.0	9.6	10.0	11.1	12.2	14.4	16.6	19.8	23.0	27.7	32.3
52.5°	8.0	7.5	8.0	9.1	10.1	12.5	14.8	17.9	20.9	24.6	28.3
55°	5.8	5.3	5.8	6.9	8.0	10.5	12.9	15.7	18.4	21.8	25.1
57.5°	4.0	3.7	4.0	4.9	5.9	8.2	10.6	13.1	15.8	18.6	21.4
60°	1.9	1.6	1.9	2.8	3.7	5.8	7.9	10.1	12.4	15.2	17.9
62.5°	0.1	0.0	0.1	1.0	1.9	3.8	5.8	7.7	9.7	12.0	14.2
65°	0.0	0.0	0.0	0.3	0.6	2.0	3.3	5.1	6.9	9.3	11.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.3	2.9	4.4	6.5	8.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.0	1.6	3.2	4.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.6	1.4	2.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.0	1.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
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



REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	153.9	153.5	154.0	154.4	154.8	155.0	154.8	154.6	154.9	155.4	155.6
5°	146.5	145.9	145.8	145.8	145.4	145.0	145.0	145.0	146.3	147.1	148.2
7.5°	138.3	137.9	137.8	137.7	137.7	137.7	138.5	139.5	139.6	140.2	141.1
10°	132.9	131.8	132.0	132.3	132.7	133.1	133.7	134.3	134.0	135.4	136.8
12.5°	127.1	126.6	127.1	127.6	128.1	128.6	129.4	130.2	130.8	131.9	133.5
15°	122.6	122.2	122.7	123.2	123.8	124.4	124.9	125.4	127.6	129.3	131.4
17.5°	116.0	116.4	117.4	118.3	119.4	120.4	121.6	122.9	124.2	126.1	129.0
20°	110.5	110.8	111.9	113.1	114.5	116.0	117.6	119.3	121.2	123.1	127.0
22.5°	103.8	104.2	105.8	107.4	109.2	111.0	112.4	113.9	116.9	119.6	125.6
25°	97.2	98.5	100.2	101.9	103.8	105.7	107.8	109.9	111.6	114.5	122.9
27.5°	91.2	92.9	94.8	96.8	98.8	100.8	102.7	104.7	106.5	110.1	121.6
30°	85.4	87.3	89.7	92.0	94.0	96.1	97.8	99.5	101.2	105.7	121.4
32.5°	79.1	82.5	84.8	87.0	88.9	90.8	92.7	94.6	97.7	102.5	122.2
35°	73.4	76.5	79.0	81.6	83.6	85.7	87.4	89.0	91.6	96.9	122.8
37.5°	67.2	70.5	73.6	76.8	79.0	81.2	82.5	83.7	85.4	91.3	123.3
40°	60.3	64.9	68.6	72.2	74.3	76.5	77.4	78.3	80.4	86.8	124.2
42.5°	54.6	59.8	63.3	66.9	68.9	70.9	72.0	73.2	74.2	84.3	125.8
45°	48.3	54.4	58.3	62.4	63.7	65.0	66.1	67.1	68.9	85.3	128.9
47.5°	43.2	49.6	53.8	58.1	58.5	58.8	59.5	60.1	65.4	90.4	133.6
50°	38.7	45.1	49.4	53.8	53.8	53.8	56.0	58.2	68.9	100.0	140.5
52.5°	34.6	40.9	44.6	48.5	48.6	48.7	55.1	61.5	80.6	110.1	144.8
55°	30.3	35.5	38.9	42.3	43.5	44.6	57.0	69.5	96.9	118.7	145.4
57.5°	25.7	30.2	33.1	35.9	39.1	42.3	59.2	75.9	103.3	115.2	140.7
60°	21.6	25.4	28.0	30.5	36.3	42.1	58.2	74.4	92.9	102.4	136.5
62.5°	17.8	21.5	24.1	26.8	34.9	43.0	54.7	66.5	73.7	88.2	121.5
65°	14.9	18.0	21.3	24.6	33.3	42.1	48.5	54.9	57.9	83.3	108.3
67.5°	11.5	14.5	18.1	21.6	27.6	33.5	38.2	42.8	48.3	70.6	81.4
70°	8.1	11.3	15.2	19.1	22.2	25.4	29.3	33.2	40.9	56.2	61.7
72.5°	5.2	8.3	11.5	14.8	16.8	18.7	22.2	25.7	33.6	40.7	43.6
75°	3.7	5.8	7.7	9.6	10.6	11.6	14.2	16.8	22.2	26.7	29.3
77.5°	2.8	4.5	5.7	6.8	7.2	7.5	9.0	10.4	13.9	15.1	17.3
80°	1.6	2.7	3.4	4.2	4.2	4.2	4.8	5.3	7.7	8.3	10.0
82.5°	0.5	1.1	1.3	1.6	1.6	1.6	1.9	2.2	3.2	3.8	5.1
85°	0.1	0.1	0.3	0.4	0.5	0.5	0.4	0.3	0.8	1.3	1.8
87.5°	0.0	0.0	0.1	0.1	0.1	0.1	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



REPORT NUMBER: P1207858

CATALOG NUMBER: UPW-SA1-030-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	155.8	156.0	156.4	157.0	157.6	158.1	157.5
5°	149.3	150.3	151.2	152.3	153.4	155.0	157.0
7.5°	142.0	143.4	144.7	146.3	147.9	149.8	151.9
10°	138.3	139.9	141.5	144.1	146.6	149.9	152.5
12.5°	135.1	137.7	140.3	145.4	150.5	157.4	163.7
15°	133.5	138.0	142.6	152.1	161.5	174.0	186.9
17.5°	131.8	139.5	147.3	164.5	181.8	205.6	233.9
20°	130.8	143.3	155.8	184.2	212.5	251.3	294.5
22.5°	131.6	152.0	172.4	215.6	258.9	313.5	365.8
25°	131.4	161.5	191.6	252.9	314.1	388.0	452.0
27.5°	133.1	177.8	222.6	303.6	384.8	472.0	539.9
30°	137.1	197.5	257.8	360.6	463.4	568.1	644.8
32.5°	141.8	219.6	297.4	424.3	551.2	673.5	754.8
35°	148.6	247.7	346.7	496.9	647.1	780.8	855.2
37.5°	155.3	279.1	402.9	578.9	755.0	898.7	967.4
40°	161.7	309.9	458.2	663.9	869.6	1028.0	1085.9
42.5°	167.4	337.6	507.8	746.3	984.8	1165.5	1230.1
45°	172.5	361.1	549.8	836.8	1124.0	1363.5	1490.7
47.5°	176.8	375.4	574.1	938.2	1302.3	1658.6	1870.9
50°	181.0	381.8	582.5	1035.4	1488.3	2005.6	2374.7
52.5°	179.5	371.2	563.0	1077.2	1591.4	2254.3	2829.7
55°	172.1	346.6	521.2	1056.6	1592.0	2348.8	3119.7
57.5°	166.2	312.3	458.4	951.7	1444.9	2229.8	3220.6
60°	170.6	259.1	347.6	770.8	1194.0	1983.7	3019.3
62.5°	154.9	206.3	257.8	611.4	965.1	1689.7	2686.9
65°	133.2	157.4	181.6	480.3	779.0	1414.5	2297.6
67.5°	92.3	103.0	113.7	356.8	599.8	1137.2	1968.6
70°	67.3	73.6	79.8	264.8	449.6	880.7	1624.5
72.5°	46.5	50.9	55.4	176.0	296.6	607.5	1238.1
75°	31.9	35.2	38.6	110.6	182.6	388.0	862.7
77.5°	19.5	22.0	24.6	60.2	95.9	203.3	462.7
80°	11.7	13.5	15.2	24.1	33.0	61.7	136.2
82.5°	6.3	7.3	8.3	10.0	11.7	18.8	41.1
85°	2.2	2.7	3.1	3.3	3.6	4.6	9.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	1.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)