

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: P1208347

Luminaire Tested: UPW-SA1-060-740-U-SLR

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208347
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-SA1-060-740-U-SLR
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR RIGH OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7255 lumens
Efficiency: N/A
Efficacy: 123.0 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): 59
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

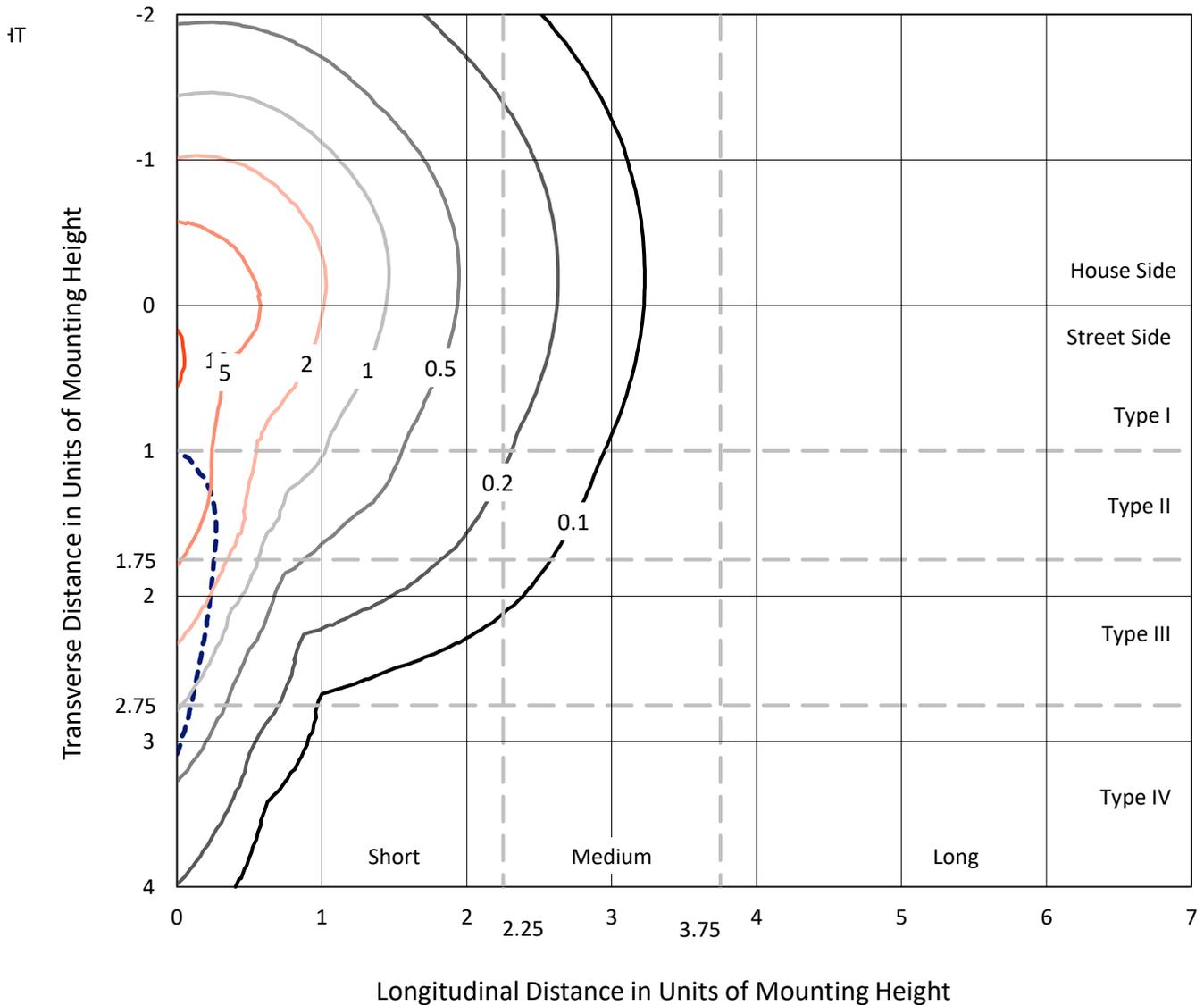


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

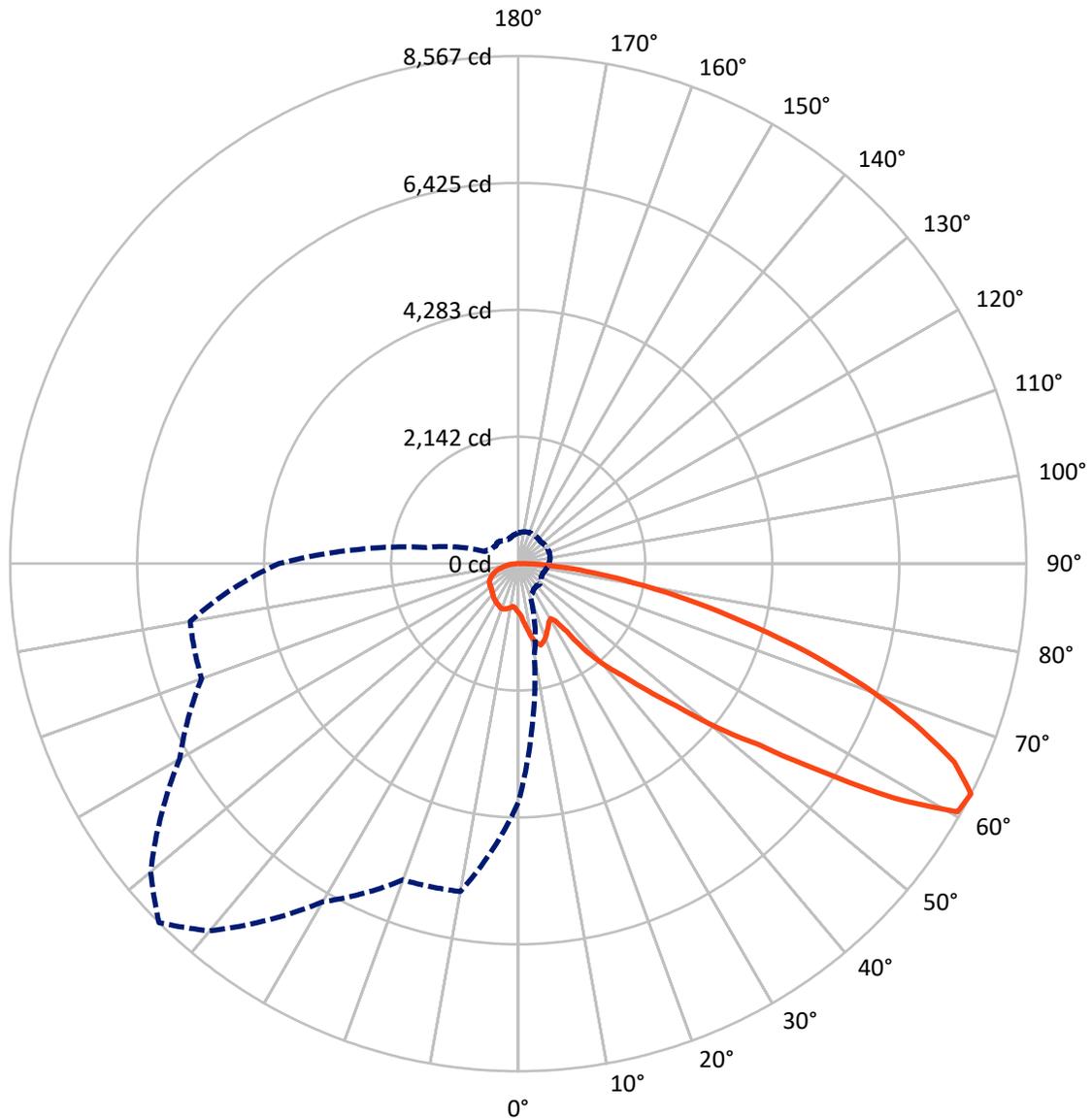


Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1778.0	0.0	1778.0
	% Fixture	24.5	0.0	24.5
Street Side	Lumens	5477.0	0.0	5477.0
	% Fixture	75.5	0.0	75.5
Total	Lumens	7255.0	0.0	7255.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.5	1.1
10°-20°	278.3	3.8
20°-30°	452.7	6.2
30°-40°	617.4	8.5
40°-50°	934.9	12.9
50°-60°	1607.7	22.2
60°-70°	1885.4	26.0
70°-80°	1124.5	15.5
80°-90°	271.6	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°	7255.0	100.0
0°-180°	7255.0	100.0



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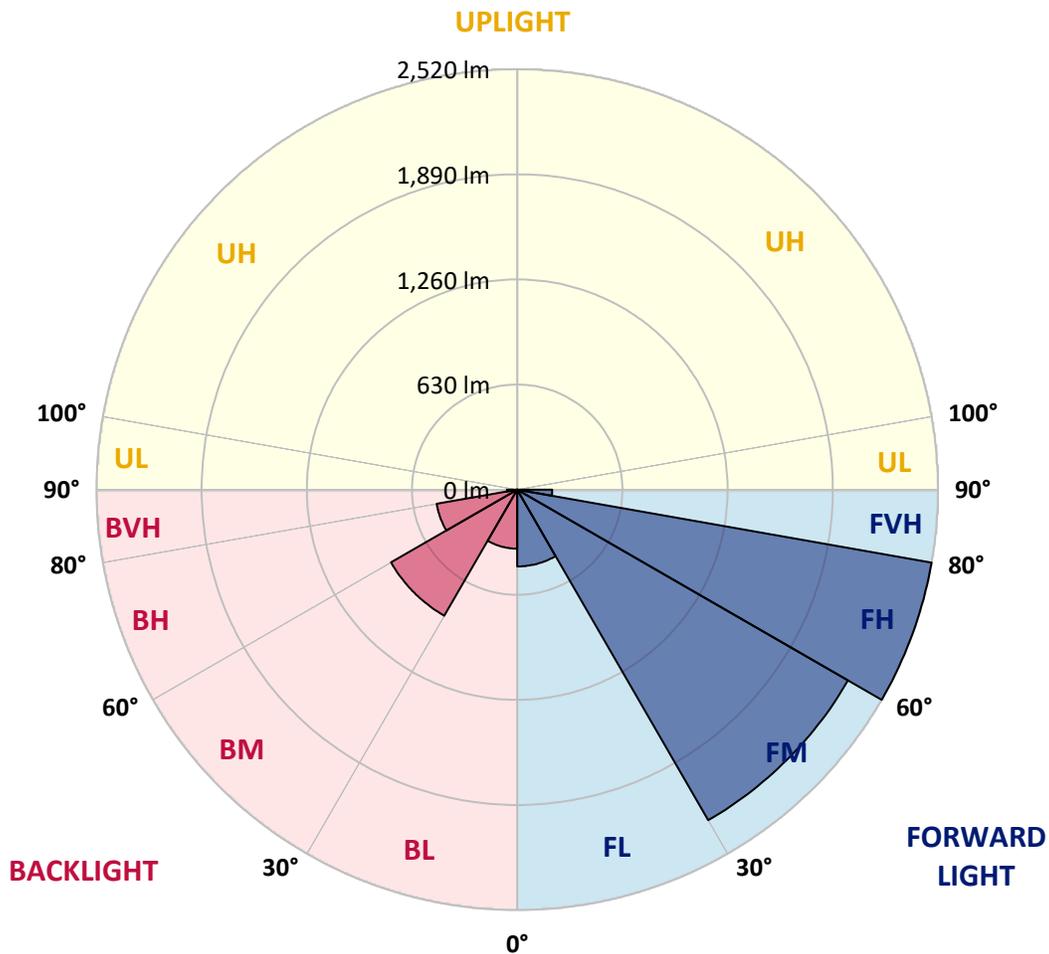
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	459.9	6.3			
FM	(30°-60°)	2287.4	31.5			
FH	(60°-80°)	2519.9	34.7			G2/5000
FVH	(80°-90°)	209.9	2.9			G2/225
BL	(0°-30°)	353.7	4.9	B1/500		
BM	(30°-60°)	872.6	12.0	B1/1000		
BH	(60°-80°)	489.9	6.8	B1/500		G1/500
BVH	(80°-90°)	61.7	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°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	861.0	858.8	858.0	855.0	852.0	846.5	841.2	837.4	833.5	829.0	822.0
5°	921.0	914.3	905.0	891.8	878.5	866.0	853.6	843.1	832.7	823.3	814.7
7.5°	1002.5	972.0	946.3	925.2	904.0	883.9	863.9	848.5	833.1	818.5	804.1
10°	1061.7	1036.5	1006.6	970.6	934.7	906.6	878.7	861.5	844.4	831.0	808.3
12.5°	1133.5	1094.6	1052.4	1008.9	965.5	930.1	894.9	870.0	845.2	826.6	817.1
15°	1204.4	1157.1	1103.9	1046.6	989.3	944.6	899.8	871.3	842.8	823.3	817.9
17.5°	1282.6	1213.5	1145.2	1077.4	1009.6	951.4	893.1	859.6	826.2	807.1	816.0
20°	1338.2	1268.4	1194.4	1112.2	1029.8	956.6	883.1	842.7	802.3	783.6	787.6
22.5°	1379.1	1306.2	1226.7	1131.4	1036.2	949.3	862.3	816.5	770.9	752.4	768.4
25°	1434.7	1347.4	1254.4	1143.6	1032.8	933.7	834.7	788.1	741.5	726.0	742.3
27.5°	1470.3	1391.8	1302.1	1177.3	1052.5	937.6	822.5	770.9	719.2	702.5	718.2
30°	1522.2	1441.4	1345.9	1206.0	1066.2	939.8	813.4	759.0	704.7	686.7	691.8
32.5°	1574.5	1487.4	1383.3	1224.7	1066.0	929.0	792.0	741.0	690.0	673.8	678.8
35°	1617.5	1531.9	1422.1	1241.8	1061.5	913.7	765.8	719.1	672.3	660.0	658.4
37.5°	1692.9	1590.6	1460.2	1255.1	1050.0	890.9	731.7	687.1	642.5	633.6	630.2
40°	1797.9	1685.4	1528.5	1285.2	1042.0	868.8	695.6	652.6	609.5	606.5	604.0
42.5°	1944.2	1789.1	1591.7	1313.9	1036.2	850.5	664.8	623.6	582.3	576.5	570.0
45°	2195.2	1956.9	1679.5	1353.3	1027.1	835.8	644.6	603.1	561.5	544.4	544.2
47.5°	2615.1	2237.8	1820.8	1416.0	1011.2	820.6	630.0	592.4	554.7	527.8	517.8
50°	3170.5	2639.9	2047.0	1526.8	1006.8	815.0	623.3	588.8	554.4	514.8	495.9
52.5°	3681.3	2990.5	2230.0	1611.8	993.6	801.0	608.2	581.6	555.0	515.7	490.0
55°	4124.4	3226.1	2304.9	1634.0	963.2	772.0	580.9	571.1	561.2	537.9	493.0
57.5°	4443.8	3260.4	2167.0	1530.0	893.1	728.8	564.5	558.3	552.1	552.5	501.7
60°	4389.1	3057.6	1864.1	1303.6	742.8	647.8	552.8	534.2	515.7	533.5	503.5
62.5°	4032.4	2722.1	1565.8	1083.3	600.8	555.7	510.6	495.8	481.0	501.9	491.2
65°	3588.9	2349.6	1285.2	881.3	477.4	468.5	459.5	456.3	453.1	458.5	464.6
67.5°	3078.9	1957.8	1025.0	693.4	361.8	369.8	377.8	393.5	409.3	411.5	425.7
70°	2640.3	1604.3	788.2	538.7	289.0	300.0	310.9	334.2	357.6	368.9	381.6
72.5°	2116.9	1237.9	577.3	406.4	235.5	245.0	254.6	280.9	307.3	332.0	345.7
75°	1557.5	890.9	407.0	300.5	193.9	201.0	208.0	232.4	256.9	288.2	302.5
77.5°	1080.0	613.6	283.9	221.3	158.7	162.2	165.6	187.8	210.0	246.9	261.7
80°	595.5	353.2	183.2	152.8	122.4	124.8	127.1	145.6	164.2	197.0	214.3
82.5°	294.7	188.3	115.3	102.9	90.4	91.7	93.1	107.1	121.2	144.7	163.3
85°	115.9	85.1	64.7	61.3	58.0	58.7	59.3	68.2	77.0	91.6	110.4
87.5°	41.8	32.4	26.9	25.8	24.5	23.7	22.9	27.4	31.8	39.7	62.6
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	818.4	814.8	811.4	807.9	804.7	801.4	799.0	796.6	791.8	787.1	784.4
5°	804.9	795.2	786.8	778.3	773.1	767.8	762.1	756.5	752.1	747.7	744.3
7.5°	792.7	781.2	771.9	762.5	754.9	747.4	741.9	736.6	735.5	734.6	732.3
10°	796.3	784.2	775.1	766.0	759.0	752.2	748.4	744.7	743.5	742.3	742.2
12.5°	811.5	805.9	799.3	792.8	785.8	779.0	779.2	779.6	773.6	767.8	766.3
15°	819.8	821.7	823.8	826.0	824.2	822.3	815.6	808.7	801.8	794.7	792.4
17.5°	822.4	828.8	838.5	848.2	852.3	856.3	848.4	840.4	829.1	817.9	812.6
20°	802.7	817.7	836.0	854.4	861.1	867.9	860.2	852.5	840.0	827.4	819.0
22.5°	786.9	805.3	824.5	843.6	849.6	855.5	851.2	846.9	833.3	819.7	810.7
25°	760.4	778.5	797.0	815.5	823.8	832.3	831.2	830.2	816.1	802.0	792.1
27.5°	733.4	748.7	765.0	781.2	790.6	800.1	801.4	802.7	792.1	781.6	772.3
30°	702.4	712.8	727.1	741.2	750.9	760.7	764.1	767.4	760.7	754.0	747.7
32.5°	683.2	687.5	697.7	707.8	717.0	726.3	731.4	736.6	735.5	734.4	732.0
35°	658.2	657.9	662.5	667.1	675.5	683.9	693.9	703.8	705.0	706.3	707.3
37.5°	627.4	624.5	627.5	630.4	637.7	645.0	655.3	665.6	673.0	680.4	683.8
40°	600.0	595.9	596.2	596.6	603.1	609.7	619.4	629.2	642.9	656.6	664.1
42.5°	568.0	566.1	565.0	563.9	569.5	575.0	589.8	604.4	619.8	635.0	641.7
45°	539.8	535.5	537.1	538.5	545.6	552.5	565.3	578.1	595.6	613.1	621.5
47.5°	515.5	513.2	515.7	518.1	525.2	532.3	547.9	563.5	580.6	597.7	606.5
50°	494.5	493.1	500.1	506.9	515.0	523.1	536.7	550.1	568.4	586.6	598.8
52.5°	486.4	482.8	493.0	503.1	509.2	515.5	528.1	540.8	560.7	580.7	592.5
55°	481.4	469.8	482.2	494.6	502.0	509.6	523.6	537.5	555.3	573.1	584.4
57.5°	479.7	457.7	469.8	482.0	495.0	507.9	522.1	536.3	554.5	572.6	582.3
60°	477.9	452.2	459.3	466.4	484.9	503.5	516.9	530.2	547.1	563.9	570.6
62.5°	469.4	447.7	446.9	446.1	466.0	485.8	501.1	516.5	531.8	547.1	551.8
65°	450.4	436.2	429.9	423.6	441.1	458.7	475.0	491.3	504.0	516.6	522.5
67.5°	417.9	410.1	405.2	400.4	417.5	434.6	447.1	459.7	472.3	484.8	489.6
70°	382.7	383.7	380.1	376.4	389.0	401.5	417.6	433.8	440.7	447.7	450.4
72.5°	345.7	345.8	344.1	342.3	354.7	367.1	377.7	388.4	394.9	401.5	404.6
75°	303.9	305.3	304.1	303.1	313.7	324.3	334.0	343.8	350.9	358.0	359.8
77.5°	265.0	268.4	267.1	265.8	272.3	278.7	282.9	287.0	295.1	303.2	304.8
80°	219.2	223.9	223.6	223.1	226.2	229.3	230.3	231.5	237.5	243.4	245.0
82.5°	170.8	178.4	183.9	189.3	191.3	193.4	184.5	175.5	180.3	185.0	188.7
85°	124.4	138.2	148.4	158.5	152.5	146.6	123.6	100.5	109.6	118.8	124.9
87.5°	76.8	91.0	96.2	101.3	93.3	85.3	68.4	51.5	58.9	66.3	72.3
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	781.7	780.9	780.0	781.9	783.9	786.5	783.9	781.9	780.0	780.9	781.7
5°	740.9	739.4	738.0	738.5	738.8	738.6	738.8	738.5	738.0	739.4	740.9
7.5°	730.1	729.9	729.7	730.3	730.9	728.1	730.9	730.3	729.7	729.9	730.1
10°	742.0	744.3	746.6	748.4	750.4	749.2	750.4	748.4	746.6	744.3	742.0
12.5°	764.7	767.6	770.4	771.5	772.5	770.2	772.5	771.5	770.4	767.6	764.7
15°	790.1	789.9	789.7	788.7	787.7	786.5	787.7	788.7	789.7	789.9	790.1
17.5°	807.4	805.0	802.7	801.5	800.4	801.9	800.4	801.5	802.7	805.0	807.4
20°	810.8	809.6	808.3	808.3	808.2	807.5	808.2	808.3	808.3	809.6	810.8
22.5°	801.7	797.9	794.2	795.8	797.4	802.7	797.4	795.8	794.2	797.9	801.7
25°	782.2	780.4	778.5	778.0	777.5	775.1	777.5	778.0	778.5	780.4	782.2
27.5°	763.1	761.5	759.9	762.0	763.9	765.4	763.9	762.0	759.9	761.5	763.1
30°	741.5	741.8	742.0	745.2	748.3	754.0	748.3	745.2	742.0	741.8	741.5
32.5°	729.5	726.3	723.0	724.1	725.2	729.7	725.2	724.1	723.0	726.3	729.5
35°	708.2	708.2	708.2	710.9	713.5	719.2	713.5	710.9	708.2	708.2	708.2
37.5°	687.1	689.8	692.4	693.5	694.7	694.8	694.7	693.5	692.4	689.8	687.1
40°	671.7	672.1	672.3	670.7	669.1	669.7	669.1	670.7	672.3	672.1	671.7
42.5°	648.5	651.4	654.3	655.0	655.8	657.5	655.8	655.0	654.3	651.4	648.5
45°	629.8	631.3	632.8	632.4	632.0	630.0	632.0	632.4	632.8	631.3	629.8
47.5°	615.4	616.7	618.0	619.0	620.1	621.9	620.1	619.0	618.0	616.7	615.4
50°	610.9	610.5	610.1	606.9	603.6	602.4	603.6	606.9	610.1	610.5	610.9
52.5°	604.2	605.2	606.3	604.4	602.6	603.2	602.6	604.4	606.3	605.2	604.2
55°	595.8	596.9	598.2	594.6	591.1	588.6	591.1	594.6	598.2	596.9	595.8
57.5°	592.0	589.8	587.6	584.9	582.1	582.9	582.1	584.9	587.6	589.8	592.0
60°	577.3	574.7	572.0	566.0	560.1	555.4	560.1	566.0	572.0	574.7	577.3
62.5°	556.6	554.1	551.5	544.8	537.9	529.4	537.9	544.8	551.5	554.1	556.6
65°	528.2	524.1	519.9	513.1	506.3	501.9	506.3	513.1	519.9	524.1	528.2
67.5°	494.4	489.8	485.2	476.3	467.4	460.5	467.4	476.3	485.2	489.8	494.4
70°	453.1	448.7	444.3	438.6	433.0	428.1	433.0	438.6	444.3	448.7	453.1
72.5°	407.7	402.8	397.9	390.3	382.7	377.8	382.7	390.3	397.9	402.8	407.7
75°	361.6	355.5	349.4	341.5	333.6	326.7	333.6	341.5	349.4	355.5	361.6
77.5°	306.3	301.7	297.1	289.8	282.3	275.7	282.3	289.8	297.1	301.7	306.3
80°	246.6	244.4	242.3	236.1	230.1	221.3	230.1	236.1	242.3	244.4	246.6
82.5°	192.3	191.3	190.4	185.3	180.2	172.7	180.2	185.3	190.4	191.3	192.3
85°	130.9	132.0	133.0	129.4	125.8	120.0	125.8	129.4	133.0	132.0	130.9
87.5°	78.5	74.5	70.5	62.4	54.3	45.4	54.3	62.4	70.5	74.5	78.5
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°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	784.4	787.1	791.8	796.6	799.0	801.4	804.7	807.9	811.4	814.8	818.4
5°	744.3	747.7	752.1	756.5	762.1	767.8	773.1	778.3	786.8	795.2	804.9
7.5°	732.3	734.6	735.5	736.6	741.9	747.4	754.9	762.5	771.9	781.2	792.7
10°	742.2	742.3	743.5	744.7	748.4	752.2	759.0	766.0	775.1	784.2	796.3
12.5°	766.3	767.8	773.6	779.6	779.2	779.0	785.8	792.8	799.3	805.9	811.5
15°	792.4	794.7	801.8	808.7	815.6	822.3	824.2	826.0	823.8	821.7	819.8
17.5°	812.6	817.9	829.1	840.4	848.4	856.3	852.3	848.2	838.5	828.8	822.4
20°	819.0	827.4	840.0	852.5	860.2	867.9	861.1	854.4	836.0	817.7	802.7
22.5°	810.7	819.7	833.3	846.9	851.2	855.5	849.6	843.6	824.5	805.3	786.9
25°	792.1	802.0	816.1	830.2	831.2	832.3	823.8	815.5	797.0	778.5	760.4
27.5°	772.3	781.6	792.1	802.7	801.4	800.1	790.6	781.2	765.0	748.7	733.4
30°	747.7	754.0	760.7	767.4	764.1	760.7	750.9	741.2	727.1	712.8	702.4
32.5°	732.0	734.4	735.5	736.6	731.4	726.3	717.0	707.8	697.7	687.5	683.2
35°	707.3	706.3	705.0	703.8	693.9	683.9	675.5	667.1	662.5	657.9	658.2
37.5°	683.8	680.4	673.0	665.6	655.3	645.0	637.7	630.4	627.5	624.5	627.4
40°	664.1	656.6	642.9	629.2	619.4	609.7	603.1	596.6	596.2	595.9	600.0
42.5°	641.7	635.0	619.8	604.4	589.8	575.0	569.5	563.9	565.0	566.1	568.0
45°	621.5	613.1	595.6	578.1	565.3	552.5	545.6	538.5	537.1	535.5	539.8
47.5°	606.5	597.7	580.6	563.5	547.9	532.3	525.2	518.1	515.7	513.2	515.5
50°	598.8	586.6	568.4	550.1	536.7	523.1	515.0	506.9	500.1	493.1	494.5
52.5°	592.5	580.7	560.7	540.8	528.1	515.5	509.2	503.1	493.0	482.8	486.4
55°	584.4	573.1	555.3	537.5	523.6	509.6	502.0	494.6	482.2	469.8	481.4
57.5°	582.3	572.6	554.5	536.3	522.1	507.9	495.0	482.0	469.8	457.7	479.7
60°	570.6	563.9	547.1	530.2	516.9	503.5	484.9	466.4	459.3	452.2	477.9
62.5°	551.8	547.1	531.8	516.5	501.1	485.8	466.0	446.1	446.9	447.7	469.4
65°	522.5	516.6	504.0	491.3	475.0	458.7	441.1	423.6	429.9	436.2	450.4
67.5°	489.6	484.8	472.3	459.7	447.1	434.6	417.5	400.4	405.2	410.1	417.9
70°	450.4	447.7	440.7	433.8	417.6	401.5	389.0	376.4	380.1	383.7	382.7
72.5°	404.6	401.5	394.9	388.4	377.7	367.1	354.7	342.3	344.1	345.8	345.7
75°	359.8	358.0	350.9	343.8	334.0	324.3	313.7	303.1	304.1	305.3	303.9
77.5°	304.8	303.2	295.1	287.0	282.9	278.7	272.3	265.8	267.1	268.4	265.0
80°	245.0	243.4	237.5	231.5	230.3	229.3	226.2	223.1	223.6	223.9	219.2
82.5°	188.7	185.0	180.3	175.5	184.5	193.4	191.3	189.3	183.9	178.4	170.8
85°	124.9	118.8	109.6	100.5	123.6	146.6	152.5	158.5	148.4	138.2	124.4
87.5°	72.3	66.3	58.9	51.5	68.4	85.3	93.3	101.3	96.2	91.0	76.8
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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CATALOG NUMBER: UPW-SA1-060-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	822.0	829.0	833.5	837.4	841.2	846.5	852.0	855.0	858.0	858.8	861.0
5°	814.7	823.3	832.7	843.1	853.6	866.0	878.5	891.8	905.0	914.3	921.0
7.5°	804.1	818.5	833.1	848.5	863.9	883.9	904.0	925.2	946.3	972.0	1002.5
10°	808.3	831.0	844.4	861.5	878.7	906.6	934.7	970.6	1006.6	1036.5	1061.7
12.5°	817.1	826.6	845.2	870.0	894.9	930.1	965.5	1008.9	1052.4	1094.6	1133.5
15°	817.9	823.3	842.8	871.3	899.8	944.6	989.3	1046.6	1103.9	1157.1	1204.4
17.5°	816.0	807.1	826.2	859.6	893.1	951.4	1009.6	1077.4	1145.2	1213.5	1282.6
20°	787.6	783.6	802.3	842.7	883.1	956.6	1029.8	1112.2	1194.4	1268.4	1338.2
22.5°	768.4	752.4	770.9	816.5	862.3	949.3	1036.2	1131.4	1226.7	1306.2	1379.1
25°	742.3	726.0	741.5	788.1	834.7	933.7	1032.8	1143.6	1254.4	1347.4	1434.7
27.5°	718.2	702.5	719.2	770.9	822.5	937.6	1052.5	1177.3	1302.1	1391.8	1470.3
30°	691.8	686.7	704.7	759.0	813.4	939.8	1066.2	1206.0	1345.9	1441.4	1522.2
32.5°	678.8	673.8	690.0	741.0	792.0	929.0	1066.0	1224.7	1383.3	1487.4	1574.5
35°	658.4	660.0	672.3	719.1	765.8	913.7	1061.5	1241.8	1422.1	1531.9	1617.5
37.5°	630.2	633.6	642.5	687.1	731.7	890.9	1050.0	1255.1	1460.2	1590.6	1692.9
40°	604.0	606.5	609.5	652.6	695.6	868.8	1042.0	1285.2	1528.5	1685.4	1797.9
42.5°	570.0	576.5	582.3	623.6	664.8	850.5	1036.2	1313.9	1591.7	1789.1	1944.2
45°	544.2	544.4	561.5	603.1	644.6	835.8	1027.1	1353.3	1679.5	1956.9	2195.2
47.5°	517.8	527.8	554.7	592.4	630.0	820.6	1011.2	1416.0	1820.8	2237.8	2615.1
50°	495.9	514.8	554.4	588.8	623.3	815.0	1006.8	1526.8	2047.0	2639.9	3170.5
52.5°	490.0	515.7	555.0	581.6	608.2	801.0	993.6	1611.8	2230.0	2990.5	3681.3
55°	493.0	537.9	561.2	571.1	580.9	772.0	963.2	1634.0	2304.9	3226.1	4124.4
57.5°	501.7	552.5	552.1	558.3	564.5	728.8	893.1	1530.0	2167.0	3260.4	4443.8
60°	503.5	533.5	515.7	534.2	552.8	647.8	742.8	1303.6	1864.1	3057.6	4389.1
62.5°	491.2	501.9	481.0	495.8	510.6	555.7	600.8	1083.3	1565.8	2722.1	4032.4
65°	464.6	458.5	453.1	456.3	459.5	468.5	477.4	881.3	1285.2	2349.6	3588.9
67.5°	425.7	411.5	409.3	393.5	377.8	369.8	361.8	693.4	1025.0	1957.8	3078.9
70°	381.6	368.9	357.6	334.2	310.9	300.0	289.0	538.7	788.2	1604.3	2640.3
72.5°	345.7	332.0	307.3	280.9	254.6	245.0	235.5	406.4	577.3	1237.9	2116.9
75°	302.5	288.2	256.9	232.4	208.0	201.0	193.9	300.5	407.0	890.9	1557.5
77.5°	261.7	246.9	210.0	187.8	165.6	162.2	158.7	221.3	283.9	613.6	1080.0
80°	214.3	197.0	164.2	145.6	127.1	124.8	122.4	152.8	183.2	353.2	595.5
82.5°	163.3	144.7	121.2	107.1	93.1	91.7	90.4	102.9	115.3	188.3	294.7
85°	110.4	91.6	77.0	68.2	59.3	58.7	58.0	61.3	64.7	85.1	115.9
87.5°	62.6	39.7	31.8	27.4	22.9	23.7	24.5	25.8	26.9	32.4	41.8
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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CATALOG NUMBER: UPW-SA1-060-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	864.7	868.3	869.9	871.4	872.9	874.4	875.6	876.8	874.0	876.8	875.6
5°	932.4	943.7	953.6	963.4	970.8	978.2	981.8	985.6	991.6	985.6	981.8
7.5°	1018.0	1033.6	1054.9	1076.3	1090.8	1105.2	1111.6	1117.9	1119.7	1117.9	1111.6
10°	1101.4	1141.2	1164.8	1188.4	1205.7	1223.1	1237.9	1252.8	1269.7	1252.8	1237.9
12.5°	1178.7	1223.9	1257.9	1292.0	1313.9	1335.7	1350.4	1365.2	1370.2	1365.2	1350.4
15°	1253.8	1303.1	1335.0	1367.0	1384.0	1401.0	1408.3	1415.6	1424.5	1415.6	1408.3
17.5°	1319.6	1356.6	1377.7	1398.7	1399.5	1400.2	1391.0	1381.9	1379.9	1381.9	1391.0
20°	1368.7	1399.4	1399.8	1400.2	1382.0	1363.7	1347.8	1332.0	1324.8	1332.0	1347.8
22.5°	1400.1	1421.1	1399.5	1377.9	1337.4	1296.8	1273.8	1250.8	1244.5	1250.8	1273.8
25°	1437.9	1441.1	1397.1	1353.2	1296.6	1240.1	1210.6	1181.0	1174.0	1181.0	1210.6
27.5°	1460.1	1449.8	1383.1	1316.3	1249.9	1183.6	1149.9	1116.3	1106.7	1116.3	1149.9
30°	1485.2	1448.0	1362.0	1276.0	1209.2	1142.4	1114.2	1086.1	1077.5	1086.1	1114.2
32.5°	1512.7	1450.9	1358.7	1266.4	1219.9	1173.4	1165.7	1158.0	1152.1	1158.0	1165.7
35°	1548.1	1478.7	1409.2	1339.8	1346.9	1354.0	1379.0	1404.0	1403.4	1404.0	1379.0
37.5°	1621.9	1550.8	1539.3	1527.9	1617.5	1707.1	1779.0	1850.8	1888.3	1850.8	1779.0
40°	1748.0	1698.2	1739.8	1781.3	1905.8	2030.3	2115.5	2200.6	2262.9	2200.6	2115.5
42.5°	1915.9	1887.5	1939.5	1991.4	2128.1	2264.7	2380.8	2496.7	2583.9	2496.7	2380.8
45°	2165.9	2136.6	2161.4	2186.0	2357.1	2528.2	2709.9	2891.7	3045.3	2891.7	2709.9
47.5°	2547.0	2478.9	2458.2	2437.3	2667.9	2898.4	3164.0	3429.7	3587.7	3429.7	3164.0
50°	3064.1	2957.7	2860.6	2763.5	3088.7	3414.0	3800.9	4187.8	4350.6	4187.8	3800.9
52.5°	3583.6	3485.9	3315.3	3144.6	3529.5	3914.4	4416.9	4919.3	5075.4	4919.3	4416.9
55°	4165.3	4206.1	3975.2	3744.3	4171.3	4598.3	5242.0	5885.6	6161.1	5885.6	5242.0
57.5°	4807.2	5170.7	4923.9	4677.2	5075.8	5474.3	6239.4	7004.5	7465.6	7004.5	6239.4
60°	5117.5	5845.8	5736.3	5626.8	5967.3	6307.8	7137.9	7968.0	8506.6	7968.0	7137.9
62.5°	4825.1	5617.8	5648.7	5679.6	6134.4	6589.2	7339.6	8090.1	8566.6	8090.1	7339.6
65°	4335.0	5081.1	5126.9	5172.7	5698.5	6224.3	6960.4	7696.5	8081.0	7696.5	6960.4
67.5°	3854.8	4630.7	4658.4	4686.1	5166.7	5647.2	6309.8	6972.3	7193.2	6972.3	6309.8
70°	3379.4	4118.6	4179.1	4239.7	4659.4	5078.8	5569.4	6060.0	6186.2	6060.0	5569.4
72.5°	2860.3	3603.7	3696.3	3788.9	4096.4	4403.7	4746.8	5089.7	5077.9	5089.7	4746.8
75°	2254.1	2950.8	3078.9	3207.0	3395.5	3584.0	3765.2	3946.4	3895.0	3946.4	3765.2
77.5°	1643.4	2206.8	2342.4	2478.1	2611.1	2744.1	2871.8	2999.5	2918.8	2999.5	2871.8
80°	996.9	1398.4	1551.1	1703.8	1842.8	1981.7	2047.6	2113.4	1977.5	2113.4	2047.6
82.5°	518.9	743.1	895.0	1046.9	1187.7	1328.5	1369.7	1410.9	1281.0	1410.9	1369.7
85°	228.5	340.9	454.4	567.7	678.6	789.5	793.7	798.0	704.6	798.0	793.7
87.5°	87.7	133.8	192.2	250.5	310.1	369.7	367.6	365.4	301.6	365.4	367.6
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: P1208347

CATALOG NUMBER: UPW-SA1-060-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	826.2	826.2	826.2	826.2	826.2	826.2	826.2
2.5°	874.4	872.9	871.4	869.9	868.3	864.7	861.0
5°	978.2	970.8	963.4	953.6	943.7	932.4	921.0
7.5°	1105.2	1090.8	1076.3	1054.9	1033.6	1018.0	1002.5
10°	1223.1	1205.7	1188.4	1164.8	1141.2	1101.4	1061.7
12.5°	1335.7	1313.9	1292.0	1257.9	1223.9	1178.7	1133.5
15°	1401.0	1384.0	1367.0	1335.0	1303.1	1253.8	1204.4
17.5°	1400.2	1399.5	1398.7	1377.7	1356.6	1319.6	1282.6
20°	1363.7	1382.0	1400.2	1399.8	1399.4	1368.7	1338.2
22.5°	1296.8	1337.4	1377.9	1399.5	1421.1	1400.1	1379.1
25°	1240.1	1296.6	1353.2	1397.1	1441.1	1437.9	1434.7
27.5°	1183.6	1249.9	1316.3	1383.1	1449.8	1460.1	1470.3
30°	1142.4	1209.2	1276.0	1362.0	1448.0	1485.2	1522.2
32.5°	1173.4	1219.9	1266.4	1358.7	1450.9	1512.7	1574.5
35°	1354.0	1346.9	1339.8	1409.2	1478.7	1548.1	1617.5
37.5°	1707.1	1617.5	1527.9	1539.3	1550.8	1621.9	1692.9
40°	2030.3	1905.8	1781.3	1739.8	1698.2	1748.0	1797.9
42.5°	2264.7	2128.1	1991.4	1939.5	1887.5	1915.9	1944.2
45°	2528.2	2357.1	2186.0	2161.4	2136.6	2165.9	2195.2
47.5°	2898.4	2667.9	2437.3	2458.2	2478.9	2547.0	2615.1
50°	3414.0	3088.7	2763.5	2860.6	2957.7	3064.1	3170.5
52.5°	3914.4	3529.5	3144.6	3315.3	3485.9	3583.6	3681.3
55°	4598.3	4171.3	3744.3	3975.2	4206.1	4165.3	4124.4
57.5°	5474.3	5075.8	4677.2	4923.9	5170.7	4807.2	4443.8
60°	6307.8	5967.3	5626.8	5736.3	5845.8	5117.5	4389.1
62.5°	6589.2	6134.4	5679.6	5648.7	5617.8	4825.1	4032.4
65°	6224.3	5698.5	5172.7	5126.9	5081.1	4335.0	3588.9
67.5°	5647.2	5166.7	4686.1	4658.4	4630.7	3854.8	3078.9
70°	5078.8	4659.4	4239.7	4179.1	4118.6	3379.4	2640.3
72.5°	4403.7	4096.4	3788.9	3696.3	3603.7	2860.3	2116.9
75°	3584.0	3395.5	3207.0	3078.9	2950.8	2254.1	1557.5
77.5°	2744.1	2611.1	2478.1	2342.4	2206.8	1643.4	1080.0
80°	1981.7	1842.8	1703.8	1551.1	1398.4	996.9	595.5
82.5°	1328.5	1187.7	1046.9	895.0	743.1	518.9	294.7
85°	789.5	678.6	567.7	454.4	340.9	228.5	115.9
87.5°	369.7	310.1	250.5	192.2	133.8	87.7	41.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)