

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P454149

Luminaire Tested: **GALN-SA5B-727-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454149
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA5B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20542 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 204
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: 24 FT

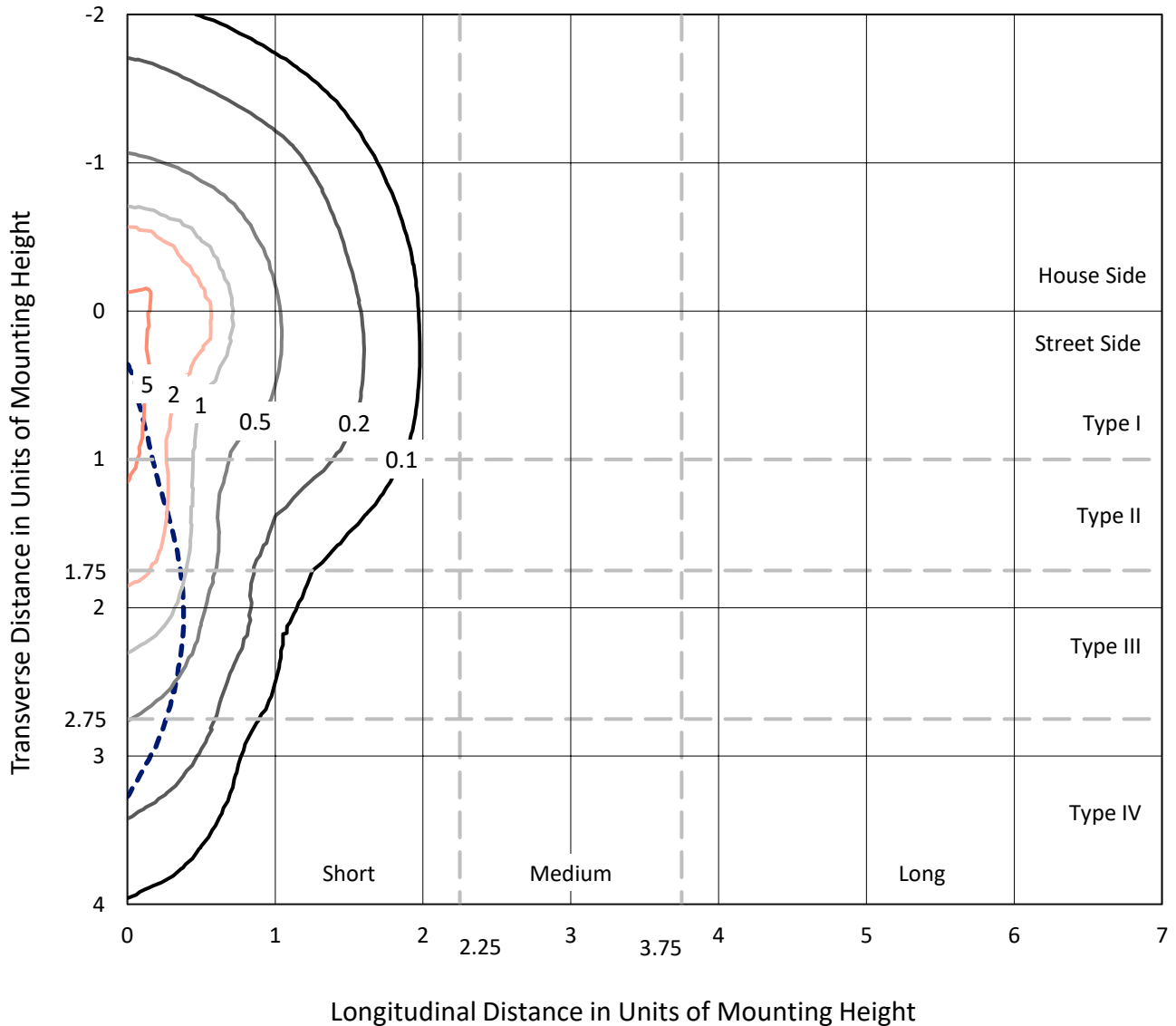




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Iso-Footcandle Lines of Horizontal Illumination

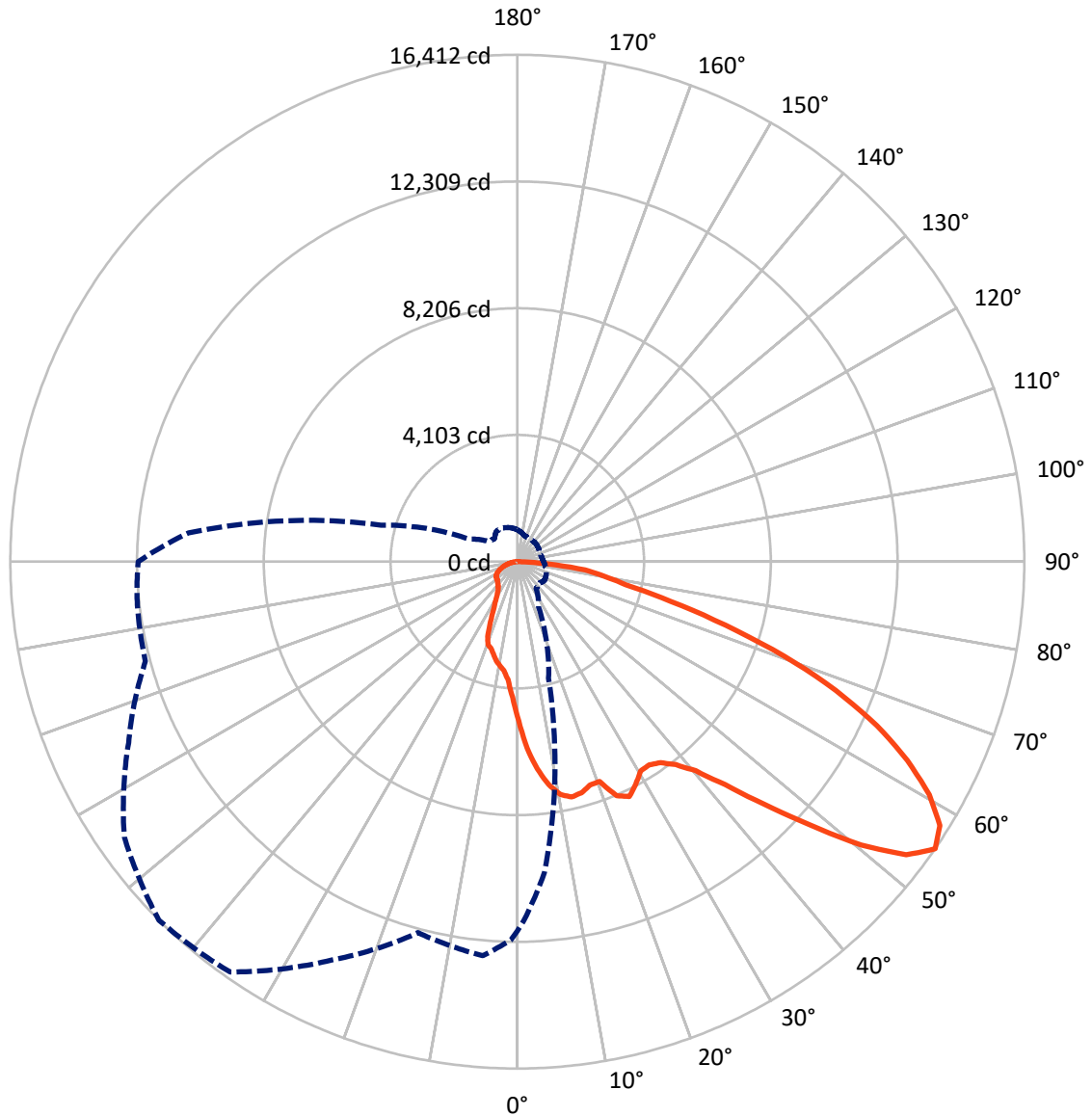
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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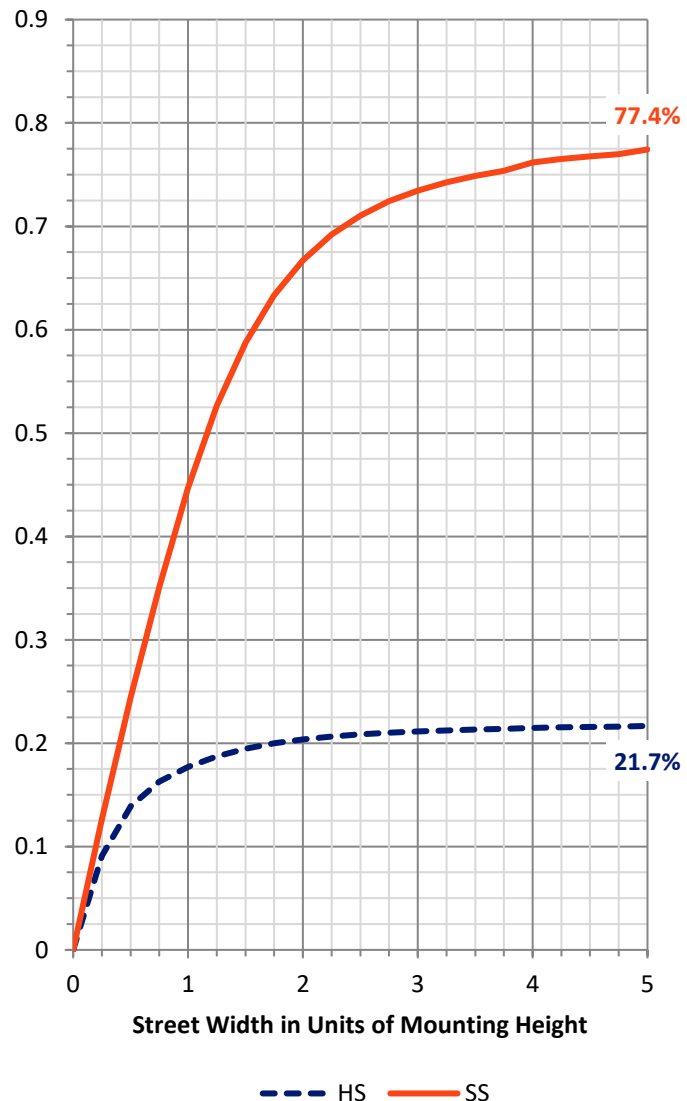
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4493.5	0.0	4493.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	16048.5	0.0	16048.5
	% Fixture	78.1	0.0	78.1
Total	Lumens	20542.0	0.0	20542.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	436.9	2.1
10°-20°	1159.2	5.6
20°-30°	2002.5	9.7
30°-40°	2327.2	11.3
40°-50°	3247.0	15.8
50°-60°	4405.8	21.4
60°-70°	4191.6	20.4
70°-80°	2264.4	11.0
80°-90°	507.5	2.5
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°	20542.0	100.0
0°-180°	20542.0	100.0



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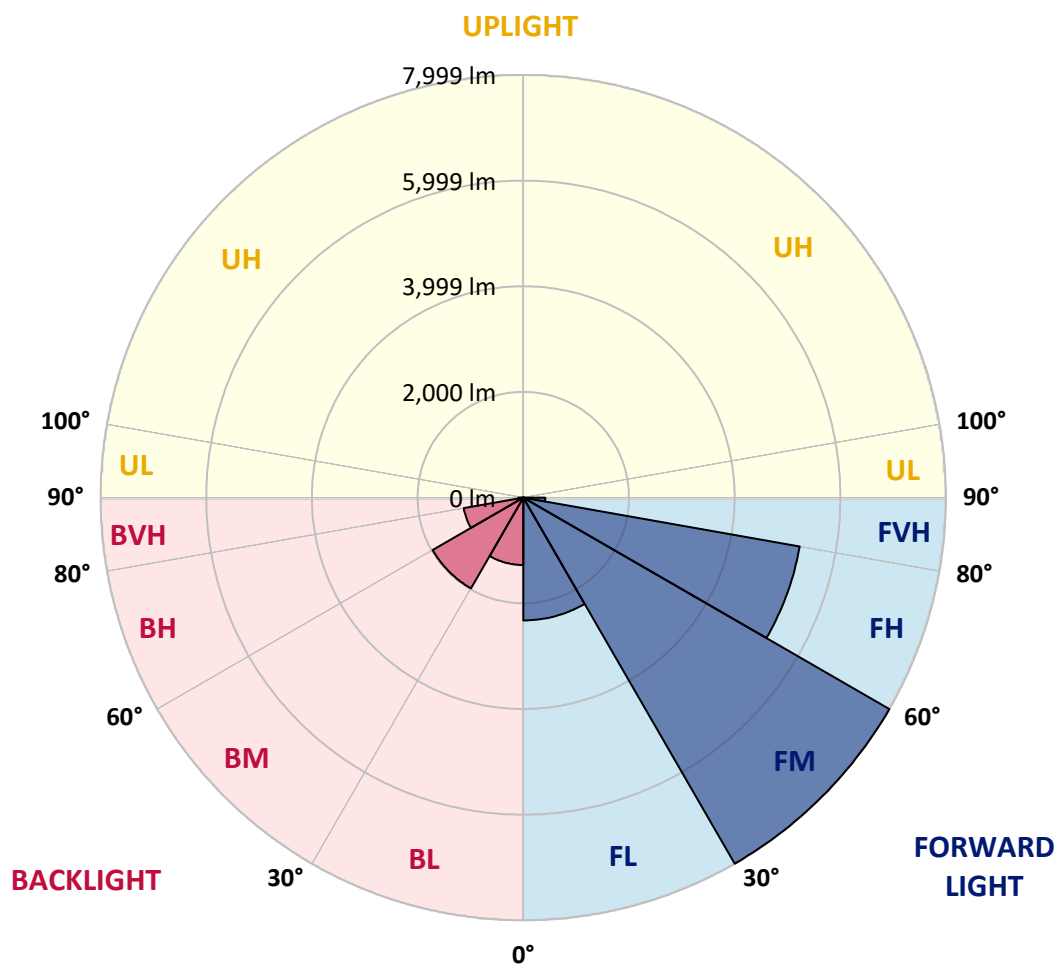
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2323.3	11.3			
FM	(30°-60°)	7998.6	38.9			
FH	(60°-80°)	5311.8	25.9			G3/7500
FVH	(80°-90°)	414.7	2.0			G3/500
BL	(0°-30°)	1275.3	6.2	B3/2500		
BM	(30°-60°)	1981.3	9.6	B2/2500		
BH	(60°-80°)	1144.1	5.6	B3/2500		G3/2500
BVH	(80°-90°)	92.7	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2
2.5°	5727.1	5705.5	5644.5	5484.6	5323.3	5159.3	5033.3	4876.1	4712.1	4624.0	4511.5
5°	5805.7	5781.3	5637.7	5277.2	4950.6	4607.7	4334.0	4094.1	3996.5	3852.9	3737.7
7.5°	5621.4	5610.6	5395.1	4877.4	4430.2	3981.6	3671.3	3478.8	3304.0	3239.0	3252.5
10°	5453.4	5410.0	5140.3	4464.1	3942.3	3577.8	3355.5	3167.1	3043.8	3011.3	3018.1
12.5°	5313.8	5255.5	4937.0	4186.3	3729.6	3438.2	3154.9	2958.4	2846.0	2877.1	2982.8
15°	5285.3	5206.7	4851.7	4091.4	3613.0	3237.6	2927.3	2700.9	2616.9	2684.7	2854.1
17.5°	5469.6	5370.7	4998.0	4122.6	3501.9	3033.0	2652.2	2393.3	2322.8	2431.3	2652.2
20°	6061.9	5915.5	5454.7	4302.8	3491.0	2931.3	2492.2	2232.0	2261.9	2467.8	2698.2
22.5°	7156.9	6937.3	6254.3	4565.7	3548.0	2905.6	2459.7	2324.2	2488.2	2663.0	2814.8
25°	7373.7	7201.6	6398.0	4625.4	3535.8	2888.0	2551.9	2619.6	2802.6	2889.3	2836.5
27.5°	7495.7	7299.2	6388.5	4329.9	3161.7	2619.6	2439.4	2551.9	2597.9	2513.9	2370.3
30°	7780.3	7575.7	6549.8	4019.6	2603.4	1943.4	1703.5	1657.4	1688.6	1704.9	1653.4
32.5°	8171.9	7970.0	6853.3	3816.3	2251.0	1607.3	1371.5	1306.4	1291.5	1273.9	1253.6
35°	8678.8	8368.5	7151.5	3686.2	2106.0	1486.7	1269.8	1219.7	1199.4	1175.0	1153.3
37.5°	9193.8	8868.5	7528.2	3549.3	2009.8	1402.6	1202.1	1179.0	1143.8	1118.1	1086.9
40°	9741.3	9376.7	7871.1	3430.1	1916.3	1348.4	1153.3	1150.6	1104.5	1074.7	1038.1
42.5°	10215.6	9840.2	8177.4	3356.9	1844.4	1291.5	1123.5	1131.6	1084.2	1039.5	992.0
45°	10592.4	10223.7	8460.6	3356.9	1786.2	1234.6	1118.1	1112.6	1065.2	1009.6	955.4
47.5°	10923.0	10542.2	8737.1	3442.2	1749.6	1187.2	1088.2	1097.7	1048.9	978.5	925.6
50°	11179.2	10843.1	9109.8	3575.1	1713.0	1149.2	1050.3	1101.8	1035.4	962.2	901.2
52.5°	11505.8	11204.9	9558.3	3756.7	1681.8	1107.2	1016.4	1101.8	1034.0	963.6	897.2
55°	11958.4	11641.3	10099.1	3907.1	1631.7	1067.9	986.6	1070.6	1030.0	956.8	886.3
57.5°	12275.5	12038.4	10481.2	4007.4	1559.9	1017.8	959.5	1040.8	1012.3	931.0	853.8
58°	12290.4	12058.7	10536.8	4030.4	1542.2	1008.3	952.7	1027.3	1004.2	920.2	842.9
60°	12119.7	11920.5	10547.6	3997.9	1441.9	960.8	917.5	971.7	960.8	856.5	784.7
62.5°	11499.0	11286.2	10109.9	3733.6	1309.1	902.6	863.3	897.2	872.8	767.1	700.6
65°	10616.8	10225.1	9210.0	3318.9	1214.3	840.2	790.1	792.8	767.1	691.2	632.9
67.5°	9441.8	9004.1	7797.9	2797.2	1142.4	771.1	703.4	696.6	665.4	616.6	569.2
70°	7995.8	7696.3	6337.0	2275.4	1062.5	695.2	605.8	601.7	582.7	546.2	504.1
72.5°	6480.6	6099.8	5117.3	1821.4	964.9	622.0	515.0	523.1	498.7	473.0	435.0
75°	4782.6	4533.2	3955.9	1460.9	833.5	542.1	429.6	432.3	421.5	394.4	364.6
77.5°	3149.5	3075.0	2829.7	959.5	641.0	431.0	351.0	353.7	345.6	321.2	290.0
80°	2119.6	2069.4	1917.6	618.0	428.2	311.7	271.0	273.8	272.4	246.6	204.6
82.5°	1306.4	1284.7	1236.0	417.4	296.8	223.6	178.9	187.0	201.9	173.5	139.6
85°	616.6	618.0	746.7	227.7	174.8	143.7	97.6	104.4	104.4	104.4	78.6
87.5°	80.0	84.0	103.0	96.2	63.7	54.2	35.2	29.8	25.7	33.9	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2
2.5°	4472.2	4445.1	4386.8	4373.3	4365.1	4388.2	4327.2	4343.5	4316.4	4392.3	4380.1
5°	3744.5	3747.2	3794.6	3825.8	3836.6	3825.8	3785.1	3714.6	3660.4	3638.8	3644.2
7.5°	3226.8	3274.2	3355.5	3446.3	3529.0	3553.4	3530.3	3396.2	3249.8	3157.7	3127.8
10°	3054.7	3118.4	3211.9	3283.7	3356.9	3415.1	3427.3	3323.0	3149.5	2931.3	2846.0
12.5°	3064.1	3150.9	3240.3	3263.4	3256.6	3279.6	3268.8	3251.2	3137.3	2859.5	2717.2
15°	2974.7	3077.7	3140.0	3127.8	3106.2	3085.8	3057.4	3012.6	2972.0	2776.8	2619.6
17.5°	2768.7	2874.4	2925.9	2930.0	2930.0	2924.6	2855.4	2839.2	2833.8	2738.9	2642.7
20°	2806.7	2864.9	2841.9	2803.9	2814.8	2851.4	2810.7	2802.6	2833.8	2875.8	2858.1
22.5°	2828.3	2808.0	2634.5	2466.5	2428.5	2542.4	2565.4	2656.2	2782.3	2934.0	3033.0
25°	2694.2	2530.2	2219.8	2030.1	1923.1	2028.8	2167.0	2335.0	2523.4	2718.6	2833.8
27.5°	2252.4	2127.7	1905.4	1734.7	1641.2	1657.4	1775.3	1928.5	2103.3	2234.8	2318.8
30°	1696.7	1641.2	1526.0	1467.7	1410.8	1397.2	1447.4	1505.6	1582.9	1599.2	1620.8
32.5°	1249.5	1241.4	1248.2	1229.2	1218.3	1217.0	1202.1	1215.6	1223.8	1233.2	1214.3
35°	1130.2	1119.4	1100.4	1095.0	1088.2	1090.9	1084.2	1077.4	1082.8	1090.9	1096.4
37.5°	1069.3	1053.0	1025.9	1016.4	1016.4	1020.5	1009.6	1006.9	1016.4	1042.2	1055.7
40°	1021.8	1002.9	971.7	959.5	967.6	978.5	963.6	958.1	981.2	1008.3	1030.0
42.5°	977.1	962.2	932.4	918.8	925.6	945.9	924.3	920.2	950.0	979.8	1005.6
45°	939.2	924.3	897.2	890.4	893.1	912.1	897.2	897.2	925.6	958.1	981.2
47.5°	909.3	890.4	872.8	867.3	870.0	880.9	878.2	878.2	905.3	939.2	962.2
50°	879.5	863.3	840.2	842.9	849.7	864.6	863.3	867.3	894.4	936.5	960.8
52.5°	866.0	841.6	815.8	818.6	838.9	856.5	851.1	855.1	886.3	964.9	1000.1
55°	851.1	818.6	788.7	792.8	815.8	841.6	834.8	840.2	876.8	983.9	1032.7
57.5°	822.6	784.7	752.1	754.9	788.7	815.8	805.0	811.8	855.1	963.6	1015.1
58°	810.4	777.9	746.7	748.1	780.6	810.4	798.2	803.6	848.4	958.1	1006.9
60°	758.9	739.9	712.8	714.2	745.4	771.1	764.3	769.8	813.1	918.8	955.4
62.5°	688.4	677.6	670.8	670.8	689.8	714.2	721.0	727.8	767.1	830.7	863.3
65°	612.6	612.6	613.9	613.9	626.1	657.3	661.3	679.0	715.6	746.7	771.1
67.5°	561.1	558.3	561.1	554.3	559.7	578.7	599.0	615.3	653.2	674.9	683.0
70°	494.7	493.3	494.7	485.2	491.9	508.2	521.8	548.9	588.2	604.4	608.5
72.5°	429.6	429.6	432.3	425.5	425.5	443.2	452.6	482.5	519.0	528.5	529.9
75°	361.8	365.9	365.9	356.4	359.1	370.0	382.2	406.6	440.4	447.2	447.2
77.5°	287.3	302.2	302.2	292.7	296.8	298.1	314.4	326.6	352.4	355.1	344.2
80°	208.7	223.6	235.8	227.7	234.5	226.3	235.8	243.9	269.7	257.5	239.9
82.5°	149.1	159.9	169.4	170.8	164.0	149.1	161.3	162.6	174.8	158.6	149.1
85°	82.7	92.2	104.4	98.9	88.1	78.6	82.7	85.4	84.0	80.0	74.5
87.5°	21.7	23.0	25.7	19.0	17.6	14.9	20.3	20.3	23.0	24.4	23.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2
2.5°	4389.5	4449.2	4577.9	4675.5	4794.8	4939.8	5110.5	5282.6	5468.3	5526.6	5607.9
5°	3632.0	3781.1	3843.4	4020.9	4197.1	4461.4	4743.3	5069.9	5427.6	5599.8	5765.1
7.5°	3103.4	3183.4	3248.5	3378.6	3590.0	3911.2	4264.9	4672.8	5179.6	5430.3	5672.9
10°	2818.8	2827.0	2906.9	3068.2	3252.5	3535.8	3870.5	4327.2	4892.3	5197.3	5481.8
12.5°	2630.5	2595.2	2682.0	2850.0	3058.7	3320.3	3627.9	4062.9	4685.0	4998.0	5342.3
15°	2465.1	2409.6	2474.6	2646.7	2852.7	3160.4	3491.0	3951.8	4603.7	4968.2	5350.4
17.5°	2469.2	2316.1	2339.1	2484.1	2688.7	3001.8	3402.9	3947.7	4727.0	5147.1	5599.8
20°	2774.1	2528.8	2424.5	2451.6	2649.4	2991.0	3443.6	4137.5	5132.2	5744.8	6228.6
22.5°	3073.6	2925.9	2757.9	2702.3	2810.7	3168.5	3702.4	4586.0	6013.1	6936.0	7810.1
25°	2969.3	3095.3	3053.3	2974.7	2999.1	3295.9	3878.6	4954.7	6697.5	7736.9	8558.2
27.5°	2375.7	2604.7	2650.8	2649.4	2658.9	2902.9	3488.3	4706.7	6782.9	7890.1	8674.7
30°	1669.6	1690.0	1714.3	1761.8	1805.1	2023.3	2729.4	4132.1	6744.9	7959.2	8745.2
32.5°	1204.8	1231.9	1265.8	1330.8	1433.8	1711.6	2387.9	3949.1	6945.5	8245.1	8951.2
35°	1101.8	1133.0	1165.5	1240.0	1337.6	1595.1	2252.4	3873.2	7274.8	8708.6	9321.2
37.5°	1069.3	1104.5	1133.0	1187.2	1265.8	1511.1	2129.0	3821.7	7612.2	9199.2	9817.2
40°	1046.2	1086.9	1109.9	1153.3	1207.5	1433.8	2019.3	3781.1	7938.9	9647.8	10215.6
42.5°	1025.9	1067.9	1097.7	1128.9	1173.6	1364.7	1921.7	3740.4	8222.1	10082.8	10612.7
45°	1001.5	1054.4	1092.3	1116.7	1156.0	1306.4	1847.2	3707.9	8544.6	10469.0	11013.8
47.5°	981.2	1039.5	1086.9	1115.3	1130.2	1265.8	1787.5	3752.6	8932.2	10872.9	11386.5
50°	982.5	1038.1	1097.7	1142.4	1103.1	1231.9	1750.9	3930.1	9436.4	11352.6	11680.6
52.5°	1025.9	1093.7	1141.1	1151.9	1065.2	1191.2	1732.0	4240.5	10032.7	11776.8	11977.4
55°	1074.7	1145.2	1196.7	1189.9	1044.9	1139.7	1727.9	4571.1	10685.9	12271.5	12363.6
57.5°	1057.1	1160.1	1238.7	1203.4	1046.2	1089.6	1710.3	4838.1	11232.0	12641.4	12745.8
58°	1051.6	1154.6	1244.1	1200.7	1042.2	1074.7	1706.2	4861.2	11307.9	12667.2	12800.0
60°	998.8	1107.2	1240.0	1180.4	1019.1	1034.0	1661.5	4935.7	11287.6	12534.4	12832.5
62.5°	902.6	992.0	1146.5	1081.5	948.7	979.8	1561.2	4843.5	10737.4	11894.7	12356.9
65°	794.2	860.6	963.6	951.4	848.4	924.3	1424.3	4479.0	9635.6	10856.6	11343.2
67.5°	712.8	767.1	832.1	814.5	763.0	849.7	1276.6	3862.4	8399.6	9609.8	10222.4
70°	630.2	672.2	704.7	692.5	676.3	776.5	1145.2	3134.6	7215.2	8425.4	9019.0
72.5°	546.2	585.5	612.6	594.9	585.5	699.3	1038.1	2432.6	5698.7	6950.9	7713.9
75°	456.7	496.0	515.0	494.7	489.2	616.6	879.5	1817.3	4275.7	5358.5	6017.2
77.5°	353.7	395.7	420.1	413.3	416.1	506.9	710.1	1244.1	3057.4	3652.3	4346.2
80°	248.0	294.1	310.3	303.6	322.5	386.2	501.4	790.1	2108.7	2370.3	2859.5
82.5°	153.1	196.5	199.2	206.0	219.5	286.0	378.1	481.1	1324.0	1368.8	1723.8
85°	77.2	93.5	100.3	111.1	123.3	174.8	215.5	298.1	852.4	645.1	963.6
87.5°	25.7	27.1	32.5	40.7	50.1	71.8	92.2	122.0	211.4	116.5	298.1
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: P454149

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2	5155.2
2.5°	5771.9	5887.1	5971.1	6048.3	5973.8	5967.0	5893.8	5775.9	5727.1	5727.1
5°	6112.0	6381.7	6599.9	6739.5	6679.9	6536.2	6299.0	5996.8	5834.2	5805.7
7.5°	6205.5	6738.1	7143.3	7287.0	7186.7	6869.6	6415.6	5906.0	5672.9	5621.4
10°	6148.6	6841.1	7436.1	7663.7	7524.2	7044.4	6425.1	5800.3	5513.0	5453.4
12.5°	6089.0	6854.7	7490.3	7819.6	7728.8	7185.4	6494.2	5731.2	5399.2	5313.8
15°	6132.3	6860.1	7423.9	7764.0	7822.3	7354.8	6608.0	5781.3	5376.1	5285.3
17.5°	6406.1	6963.1	7329.0	7604.1	7808.8	7585.1	6931.9	6021.2	5582.1	5469.6
20°	6978.0	7209.7	7383.2	7596.0	7925.3	8055.4	7594.6	6679.9	6160.8	6061.9
22.5°	8634.1	8592.1	8237.0	8232.9	8710.0	9231.7	9200.6	8018.8	7238.2	7156.9
25°	9254.8	9059.6	8546.0	8421.3	8631.4	9436.4	9319.8	8292.6	7571.6	7373.7
27.5°	9012.2	8528.4	8190.9	8162.5	8093.3	8853.6	9134.2	8403.7	7688.1	7495.7
30°	8997.3	8285.8	7803.3	7860.2	7926.7	8653.1	9237.1	8752.0	7986.3	7780.3
32.5°	9033.9	8319.7	7831.8	7842.6	8040.5	8682.9	9351.0	9131.4	8377.9	8171.9
35°	9181.6	8512.1	8013.4	7987.6	8296.6	8878.0	9544.8	9727.7	8913.3	8678.8
37.5°	9420.1	8895.6	8345.4	8338.6	8787.2	9230.4	9786.0	10329.5	9445.9	9193.8
40°	9771.1	9344.2	8936.3	8899.7	9454.0	9803.6	10099.1	10970.5	10065.2	9741.3
42.5°	10195.3	9882.2	9715.5	9860.5	10393.1	10447.4	10586.9	11562.7	10592.4	10215.6
45°	10588.3	10573.4	10805.1	11190.0	11500.4	11175.1	11096.5	11959.8	11001.6	10592.4
47.5°	11055.8	11459.7	12159.0	12722.8	13048.0	12022.1	11531.5	12218.6	11299.8	10923.0
50°	11530.2	12520.8	13637.5	14423.6	14492.7	12942.3	11831.0	12462.6	11570.8	11179.2
52.5°	12028.9	13367.8	14854.5	15767.9	15633.8	13743.2	12121.0	12627.9	11850.0	11505.8
55°	12462.6	13886.9	15534.8	16411.7	16215.2	14231.1	12434.1	12806.8	12248.4	11958.4
57.5°	12705.1	13930.3	15365.4	16131.1	15918.4	14136.3	12577.8	12939.6	12503.2	12275.5
58°	12740.4	13872.0	15215.0	15968.5	15751.7	14056.3	12576.4	12934.2	12519.5	12290.4
60°	12709.2	13493.9	14655.3	15326.1	15098.5	13554.9	12524.9	12832.5	12313.5	12119.7
62.5°	12420.5	12838.0	13689.0	14176.9	14111.9	12771.6	12313.5	12449.0	11686.0	11499.0
65°	12041.1	11943.5	12451.7	12797.3	12846.1	12184.7	12103.4	11619.6	10881.0	10616.8
67.5°	11580.3	10929.8	10928.5	11125.0	11206.3	11282.2	11665.7	10718.4	9721.0	9441.8
70°	10798.4	9367.2	8936.3	9168.0	9100.3	9741.3	10883.7	9452.6	8322.4	7995.8
72.5°	9364.5	7433.4	6743.6	7041.7	6870.9	7639.3	9523.1	7778.9	6881.8	6480.6
75°	7590.6	5560.4	4849.0	5122.7	5017.0	5794.9	7923.9	5649.9	4935.7	4782.6
77.5°	5893.8	4029.1	3615.7	3577.8	3656.4	4312.3	5812.5	3814.9	3253.9	3149.5
80°	3786.5	2883.9	2908.3	2859.5	2900.2	2718.6	3529.0	2434.0	2203.6	2119.6
82.5°	2492.2	2009.8	2396.0	2211.7	2100.6	1828.2	2314.7	1593.7	1352.5	1306.4
85°	1698.1	1479.9	1347.1	1030.0	1212.9	1408.1	1736.0	857.9	680.3	616.6
87.5°	767.1	515.0	378.1	233.1	368.6	425.5	842.9	100.3	77.2	80.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)