

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: P454874

Luminaire Tested: **GALN-SA6A-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454874
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-SA6A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 615mA 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: 21288 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

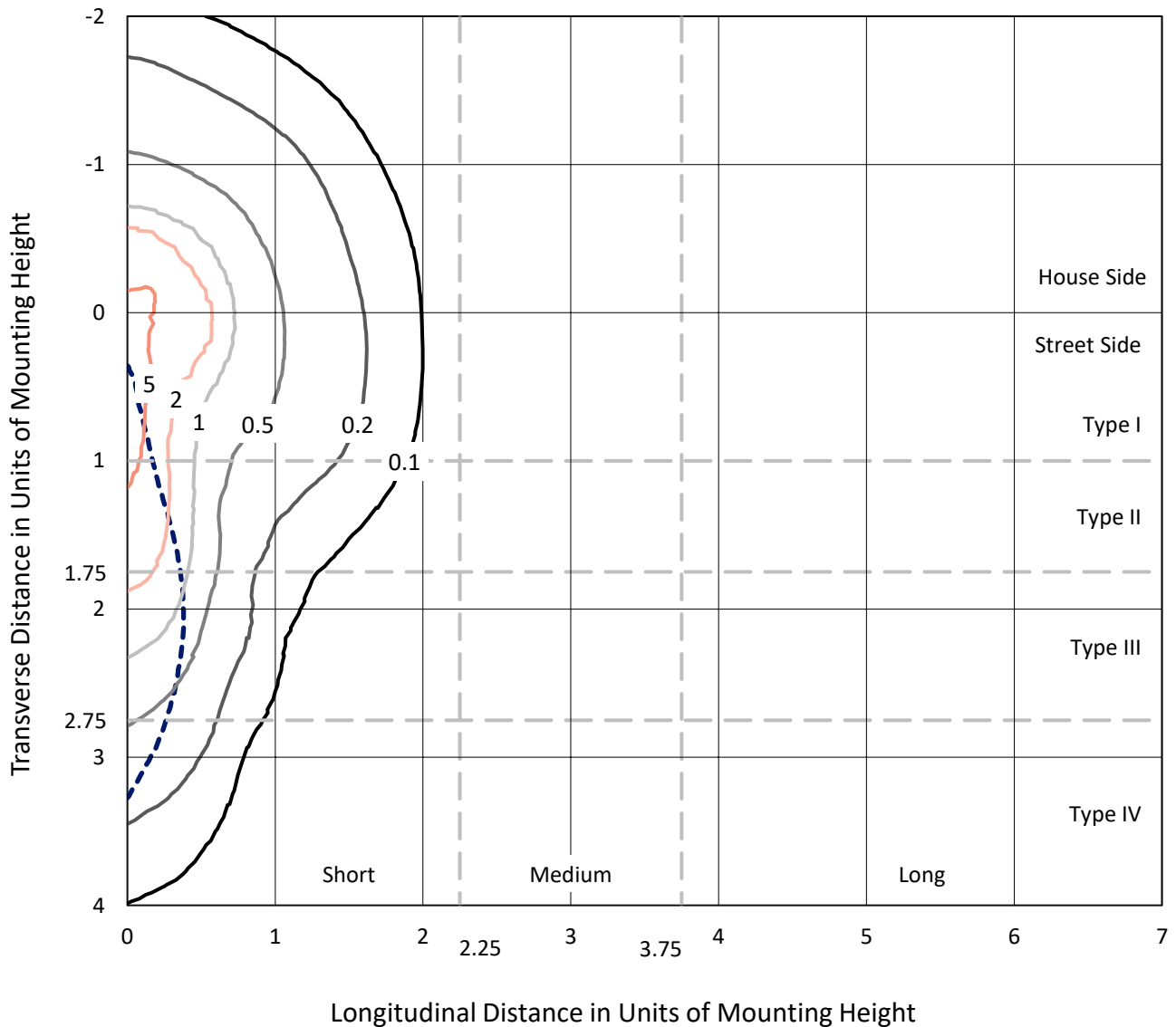
Input Watts (W): 182
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

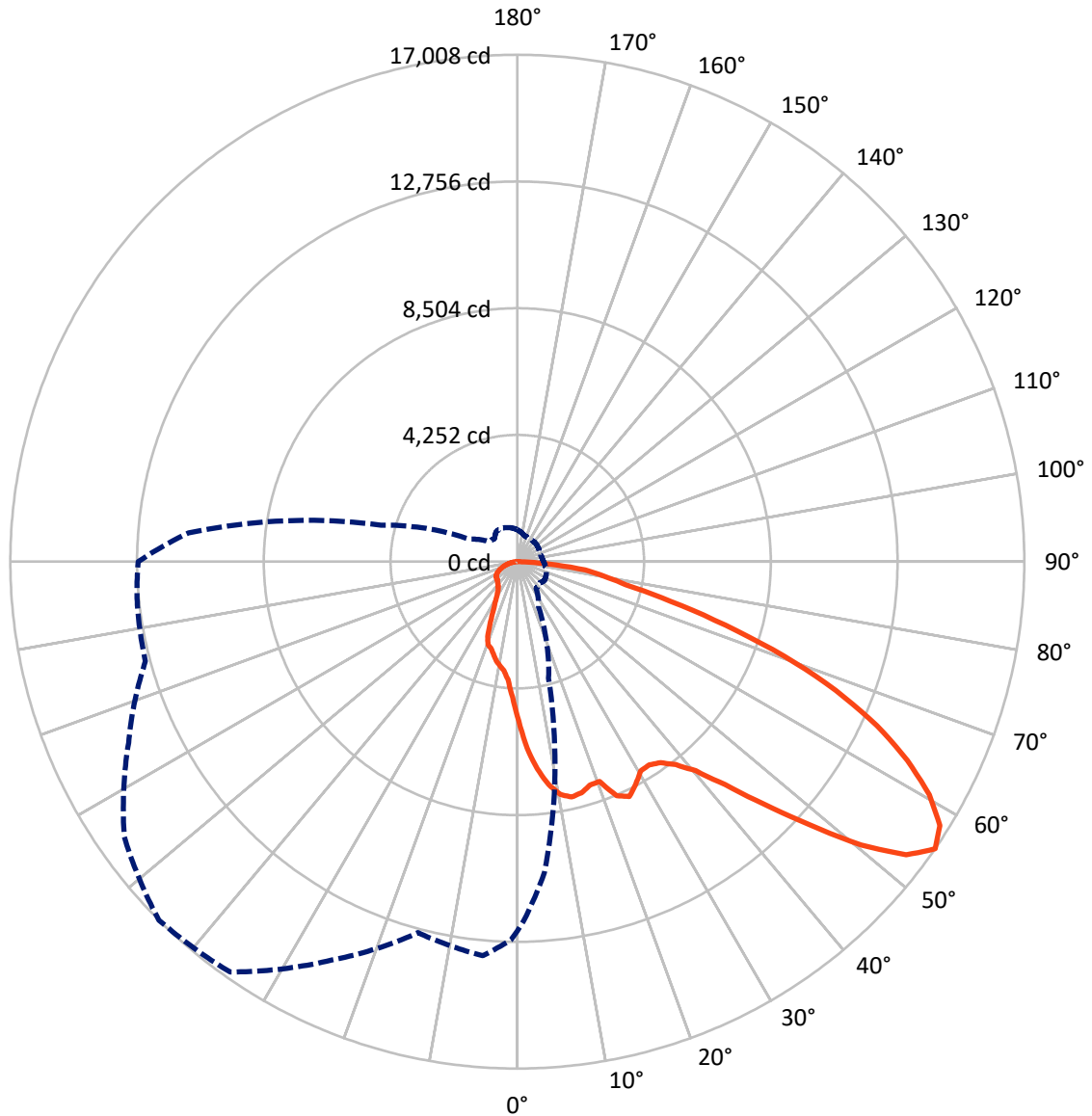
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 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	4656.7	0.0	4656.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	16631.3	0.0	16631.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	21288.0	0.0	21288.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.8	2.1
10°-20°	1201.3	5.6
20°-30°	2075.2	9.7
30°-40°	2411.8	11.3
40°-50°	3364.9	15.8
50°-60°	4565.8	21.4
60°-70°	4343.8	20.4
70°-80°	2346.6	11.0
80°-90°	525.9	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°	21288.0	100.0
0°-180°	21288.0	100.0



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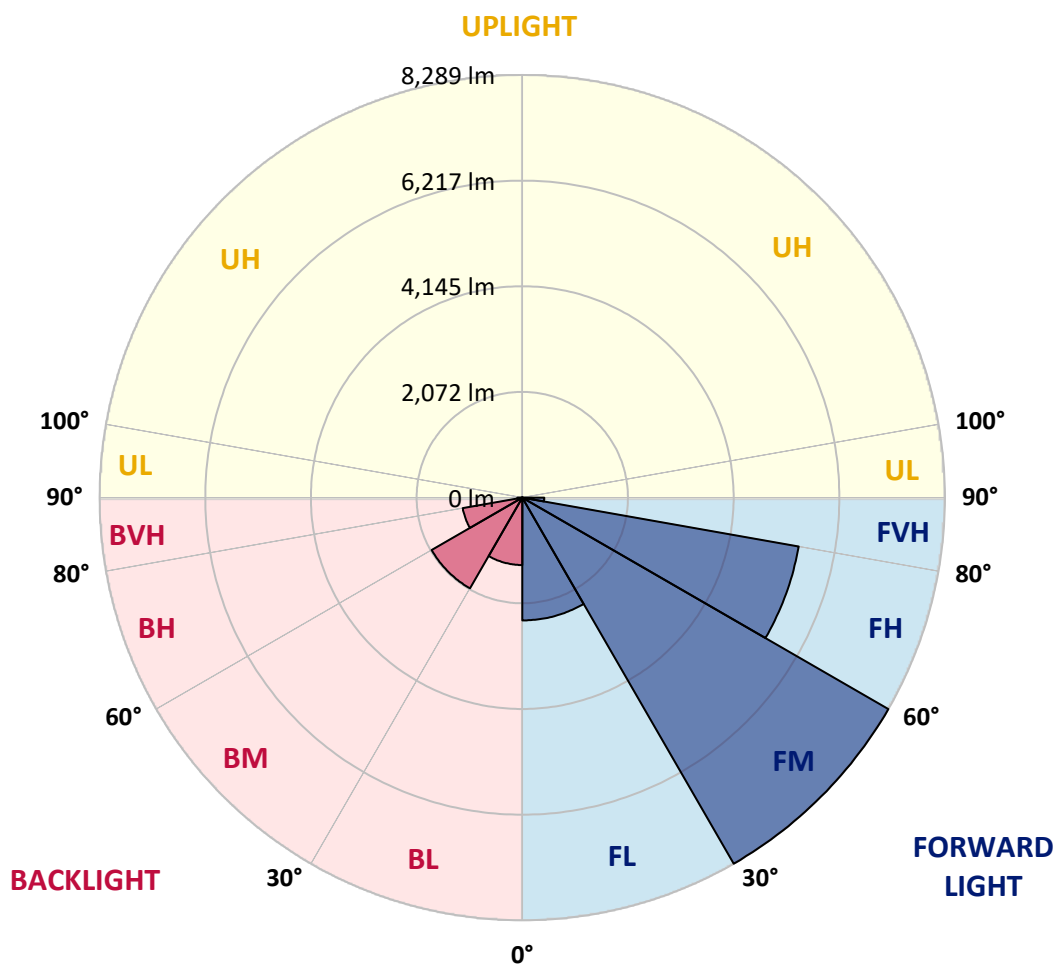
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2407.7	11.3			
FM	(30°-60°)	8289.1	38.9			
FH	(60°-80°)	5504.7	25.9			G3/7500
FVH	(80°-90°)	429.8	2.0			G3/500
BL	(0°-30°)	1321.6	6.2	B3/2500		
BM	(30°-60°)	2053.3	9.6	B2/2500		
BH	(60°-80°)	1185.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	96.1	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°	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5
2.5°	5935.1	5912.7	5849.5	5683.7	5516.6	5346.7	5216.1	5053.1	4883.2	4791.9	4675.4
5°	6016.6	5991.3	5842.4	5468.9	5130.4	4775.1	4491.4	4242.8	4141.7	3992.8	3873.4
7.5°	5825.6	5814.3	5591.0	5054.5	4591.1	4126.2	3804.6	3605.2	3424.0	3356.6	3370.6
10°	5651.4	5606.5	5327.0	4626.2	4085.5	3707.7	3477.4	3282.2	3154.4	3120.6	3127.7
12.5°	5506.8	5446.4	5116.3	4338.3	3865.0	3563.0	3269.5	3065.9	2949.3	2981.6	3091.2
15°	5477.3	5395.8	5027.9	4240.0	3744.2	3355.2	3033.6	2799.0	2712.0	2782.2	2957.7
17.5°	5668.3	5565.8	5179.5	4272.3	3629.1	3143.1	2748.5	2480.2	2407.2	2519.5	2748.5
20°	6282.0	6130.3	5652.8	4459.1	3617.8	3037.8	2582.7	2313.1	2344.0	2557.5	2796.2
22.5°	7416.8	7189.3	6481.5	4731.5	3676.8	3011.1	2549.0	2408.6	2578.5	2759.7	2917.0
25°	7641.5	7463.1	6630.3	4793.3	3664.2	2992.8	2644.5	2714.8	2904.4	2994.2	2939.5
27.5°	7767.9	7564.3	6620.5	4487.2	3276.5	2714.8	2528.0	2644.5	2692.3	2605.2	2456.4
30°	8062.8	7850.8	6787.6	4165.5	2697.9	2014.0	1765.4	1717.6	1749.9	1766.8	1713.4
32.5°	8468.7	8259.5	7102.2	3954.9	2332.8	1665.7	1421.3	1353.9	1338.4	1320.2	1299.1
35°	8994.0	8672.4	7411.2	3820.1	2182.5	1540.7	1316.0	1264.0	1242.9	1217.6	1195.2
37.5°	9527.7	9190.6	7801.6	3678.2	2082.8	1453.6	1245.7	1221.9	1185.3	1158.7	1126.4
40°	10095.1	9717.3	8156.9	3554.6	1985.9	1397.4	1195.2	1192.4	1144.6	1113.7	1075.8
42.5°	10586.6	10197.6	8474.3	3478.8	1911.4	1338.4	1164.3	1172.7	1123.5	1077.2	1028.0
45°	10977.0	10595.0	8767.9	3478.8	1851.0	1279.4	1158.7	1153.0	1103.9	1046.3	990.1
47.5°	11319.7	10925.1	9054.4	3567.3	1813.1	1230.3	1127.8	1137.6	1087.0	1014.0	959.2
50°	11585.2	11236.9	9440.6	3704.9	1775.2	1191.0	1088.4	1141.8	1073.0	997.1	933.9
52.5°	11923.6	11611.8	9905.5	3893.1	1742.9	1147.4	1053.3	1141.8	1071.6	998.6	929.7
55°	12392.7	12064.1	10465.8	4049.0	1690.9	1106.7	1022.4	1109.5	1067.4	991.5	918.5
57.5°	12721.3	12475.6	10861.9	4152.9	1616.5	1054.7	994.3	1078.6	1049.1	964.8	884.8
58°	12736.8	12496.6	10919.5	4176.8	1598.2	1044.9	987.3	1064.6	1040.7	953.6	873.6
60°	12559.8	12353.4	10930.7	4143.1	1494.3	995.7	950.8	1007.0	995.7	887.6	813.2
62.5°	11916.6	11696.1	10477.1	3869.2	1356.7	935.4	894.6	929.7	904.5	794.9	726.1
65°	11002.3	10596.4	9544.5	3439.5	1258.4	870.7	818.8	821.6	794.9	716.3	655.9
67.5°	9784.7	9331.0	8081.1	2898.7	1183.9	799.1	728.9	721.9	689.6	639.0	589.9
70°	8286.1	7975.8	6567.1	2358.0	1101.1	720.5	627.8	623.6	603.9	566.0	522.4
72.5°	6716.0	6321.3	5303.1	1887.6	1000.0	644.6	533.7	542.1	516.8	490.1	450.8
75°	4956.2	4697.8	4099.5	1514.0	863.7	561.8	445.2	448.0	436.8	408.7	377.8
77.5°	3263.9	3186.7	2932.5	994.3	664.3	446.6	363.7	366.6	358.1	332.9	300.5
80°	2196.5	2144.6	1987.3	640.4	443.8	323.0	280.9	283.7	282.3	255.6	212.1
82.5°	1353.9	1331.4	1280.8	432.6	307.6	231.7	185.4	193.8	209.3	179.8	144.7
85°	639.0	640.4	773.8	235.9	181.2	148.9	101.1	108.1	108.1	108.1	81.5
87.5°	82.9	87.1	106.7	99.7	66.0	56.2	36.5	30.9	26.7	35.1	25.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5
2.5°	4634.6	4606.5	4546.1	4532.1	4523.7	4547.5	4484.3	4501.2	4473.1	4551.8	4539.1
5°	3880.4	3883.3	3932.4	3964.7	3975.9	3964.7	3922.6	3849.5	3793.4	3770.9	3776.5
7.5°	3344.0	3393.1	3477.4	3571.5	3657.1	3682.4	3658.5	3519.5	3367.8	3272.3	3241.4
10°	3165.6	3231.6	3328.5	3402.9	3478.8	3539.2	3551.8	3443.7	3263.9	3037.8	2949.3
12.5°	3175.4	3265.3	3358.0	3381.9	3374.8	3398.7	3387.5	3369.2	3251.3	2963.3	2815.9
15°	3082.7	3189.5	3254.1	3241.4	3219.0	3197.9	3168.4	3122.1	3079.9	2877.7	2714.8
17.5°	2869.3	2978.8	3032.2	3036.4	3036.4	3030.8	2959.1	2942.3	2936.7	2838.4	2738.6
20°	2908.6	2969.0	2945.1	2905.8	2917.0	2954.9	2912.8	2904.4	2936.7	2980.2	2961.9
22.5°	2931.0	2910.0	2730.2	2556.1	2516.7	2634.7	2658.6	2752.7	2883.3	3040.6	3143.1
25°	2792.0	2622.1	2300.5	2103.8	1992.9	2102.4	2245.7	2419.8	2615.1	2817.3	2936.7
27.5°	2334.2	2205.0	1974.6	1797.7	1700.8	1717.6	1839.8	1998.5	2179.7	2315.9	2403.0
30°	1758.3	1700.8	1581.4	1521.0	1462.0	1448.0	1499.9	1560.3	1640.4	1657.2	1679.7
32.5°	1294.9	1286.5	1293.5	1273.8	1262.6	1261.2	1245.7	1259.8	1268.2	1278.0	1258.4
35°	1171.3	1160.1	1140.4	1134.8	1127.8	1130.6	1123.5	1116.5	1122.1	1130.6	1136.2
37.5°	1108.1	1091.2	1063.2	1053.3	1053.3	1057.5	1046.3	1043.5	1053.3	1080.0	1094.1
40°	1058.9	1039.3	1007.0	994.3	1002.8	1014.0	998.6	992.9	1016.8	1044.9	1067.4
42.5°	1012.6	997.1	966.2	952.2	959.2	980.3	957.8	953.6	984.5	1015.4	1042.1
45°	973.3	957.8	929.7	922.7	925.5	945.2	929.7	929.7	959.2	992.9	1016.8
47.5°	942.4	922.7	904.5	898.8	901.6	912.9	910.1	910.1	938.2	973.3	997.1
50°	911.5	894.6	870.7	873.6	880.6	896.0	894.6	898.8	926.9	970.5	995.7
52.5°	897.4	872.2	845.5	848.3	869.3	887.6	882.0	886.2	918.5	1000.0	1036.5
55°	882.0	848.3	817.4	821.6	845.5	872.2	865.1	870.7	908.7	1019.6	1070.2
57.5°	852.5	813.2	779.5	782.3	817.4	845.5	834.2	841.3	886.2	998.6	1051.9
58°	839.8	806.1	773.8	775.2	809.0	839.8	827.2	832.8	879.2	992.9	1043.5
60°	786.5	766.8	738.7	740.1	772.4	799.1	792.1	797.7	842.7	952.2	990.1
62.5°	713.5	702.2	695.2	695.2	714.9	740.1	747.2	754.2	794.9	860.9	894.6
65°	634.8	634.8	636.2	636.2	648.8	681.1	685.4	703.6	741.5	773.8	799.1
67.5°	581.4	578.6	581.4	574.4	580.0	599.7	620.8	637.6	676.9	699.4	707.8
70°	512.6	511.2	512.6	502.8	509.8	526.7	540.7	568.8	609.5	626.4	630.6
72.5°	445.2	445.2	448.0	441.0	441.0	459.2	469.1	500.0	537.9	547.7	549.1
75°	375.0	379.2	379.2	369.4	372.2	383.4	396.0	421.3	456.4	463.5	463.5
77.5°	297.7	313.2	313.2	303.4	307.6	309.0	325.8	338.5	365.2	368.0	356.7
80°	216.3	231.7	244.4	235.9	243.0	234.5	244.4	252.8	279.5	266.8	248.6
82.5°	154.5	165.7	175.6	177.0	169.9	154.5	167.1	168.5	181.2	164.3	154.5
85°	85.7	95.5	108.1	102.5	91.3	81.5	85.7	88.5	87.1	82.9	77.2
87.5°	22.5	23.9	26.7	19.7	18.3	15.4	21.1	21.1	23.9	25.3	23.9
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°	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5
2.5°	4549.0	4610.7	4744.2	4845.3	4968.9	5119.2	5296.1	5474.5	5666.9	5727.3	5811.5
5°	3763.9	3918.4	3983.0	4166.9	4349.5	4623.4	4915.5	5254.0	5624.7	5803.1	5974.5
7.5°	3216.1	3299.0	3366.4	3501.2	3720.3	4053.2	4419.7	4842.5	5367.7	5627.6	5878.9
10°	2921.2	2929.6	3012.5	3179.6	3370.6	3664.2	4011.1	4484.3	5070.0	5386.0	5680.9
12.5°	2726.0	2689.5	2779.4	2953.5	3169.8	3440.9	3759.7	4210.5	4855.1	5179.5	5536.3
15°	2554.7	2497.1	2564.5	2742.9	2956.3	3275.1	3617.8	4095.3	4770.9	5148.6	5544.7
17.5°	2558.9	2400.2	2424.0	2574.3	2786.4	3110.8	3526.5	4091.1	4898.7	5334.0	5803.1
20°	2874.9	2620.7	2512.5	2540.6	2745.7	3099.6	3568.7	4287.7	5318.6	5953.4	6454.8
22.5°	3185.3	3032.2	2858.0	2800.4	2912.8	3283.6	3836.9	4752.6	6231.5	7187.9	8093.7
25°	3077.1	3207.7	3164.2	3082.7	3108.0	3415.6	4019.5	5134.6	6940.7	8017.9	8869.0
27.5°	2462.0	2699.3	2747.1	2745.7	2755.5	3008.3	3615.0	4877.6	7029.2	8176.6	8989.8
30°	1730.3	1751.3	1776.6	1825.8	1870.7	2096.8	2828.5	4282.1	6989.9	8248.2	9062.8
32.5°	1248.5	1276.6	1311.7	1379.2	1485.9	1773.8	2474.6	4092.5	7197.7	8544.6	9276.3
35°	1141.8	1174.1	1207.8	1285.1	1386.2	1653.0	2334.2	4013.9	7539.0	9024.9	9659.7
37.5°	1108.1	1144.6	1174.1	1230.3	1311.7	1565.9	2206.4	3960.5	7888.7	9533.3	10173.7
40°	1084.2	1126.4	1150.2	1195.2	1251.3	1485.9	2092.6	3918.4	8227.2	9998.1	10586.6
42.5°	1063.2	1106.7	1137.6	1169.9	1216.2	1414.3	1991.5	3876.2	8520.7	10449.0	10998.1
45°	1037.9	1092.6	1132.0	1157.3	1198.0	1353.9	1914.2	3842.5	8854.9	10849.2	11413.8
47.5°	1016.8	1077.2	1126.4	1155.8	1171.3	1311.7	1852.4	3888.9	9256.6	11267.8	11800.0
50°	1018.2	1075.8	1137.6	1183.9	1143.2	1276.6	1814.5	4072.9	9779.1	11764.9	12104.8
52.5°	1063.2	1133.4	1182.5	1193.8	1103.9	1234.5	1794.9	4394.5	10397.0	12204.5	12412.4
55°	1113.7	1186.7	1240.1	1233.1	1082.8	1181.1	1790.6	4737.1	11073.9	12717.1	12812.6
57.5°	1095.5	1202.2	1283.7	1247.1	1084.2	1129.2	1772.4	5013.8	11639.9	13100.5	13208.7
58°	1089.8	1196.6	1289.3	1244.3	1080.0	1113.7	1768.2	5037.7	11718.6	13127.2	13264.9
60°	1035.1	1147.4	1285.1	1223.3	1056.1	1071.6	1721.8	5114.9	11697.5	12989.6	13298.6
62.5°	935.4	1028.0	1188.1	1120.7	983.1	1015.4	1617.9	5019.4	11127.3	12326.7	12805.6
65°	823.0	891.8	998.6	985.9	879.2	957.8	1476.1	4641.6	9985.5	11250.9	11755.1
67.5°	738.7	794.9	862.3	844.1	790.7	880.6	1323.0	4002.6	8704.7	9958.8	10593.6
70°	653.1	696.6	730.3	717.7	700.8	804.7	1186.7	3248.4	7477.2	8731.3	9346.5
72.5°	566.0	606.7	634.8	616.5	606.7	724.7	1075.8	2521.0	5905.6	7203.3	7994.0
75°	473.3	514.0	533.7	512.6	507.0	639.0	911.5	1883.3	4431.0	5553.1	6235.7
77.5°	366.6	410.1	435.4	428.4	431.2	525.3	735.9	1289.3	3168.4	3784.9	4504.0
80°	257.0	304.8	321.6	314.6	334.3	400.3	519.6	818.8	2185.3	2456.4	2963.3
82.5°	158.7	203.6	206.5	213.5	227.5	296.3	391.8	498.6	1372.1	1418.5	1786.4
85°	80.1	96.9	103.9	115.2	127.8	181.2	223.3	309.0	883.4	668.5	998.6
87.5°	26.7	28.1	33.7	42.1	52.0	74.4	95.5	126.4	219.1	120.8	309.0
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5	5342.5
2.5°	5981.5	6100.8	6187.9	6268.0	6190.7	6183.7	6107.9	5985.7	5935.1	5935.1
5°	6334.0	6613.5	6839.6	6984.2	6922.4	6773.6	6527.8	6214.6	6046.1	6016.6
7.5°	6430.9	6982.8	7402.8	7551.6	7447.7	7119.1	6648.6	6120.5	5878.9	5825.6
10°	6371.9	7089.6	7706.1	7942.1	7797.4	7300.2	6658.4	6011.0	5713.2	5651.4
12.5°	6310.1	7103.6	7762.3	8103.6	8009.5	7446.3	6730.0	5939.3	5595.3	5506.8
15°	6355.1	7109.2	7693.5	8046.0	8106.4	7621.8	6848.0	5991.3	5571.4	5477.3
17.5°	6638.7	7216.0	7595.2	7880.3	8092.3	7860.6	7183.7	6239.9	5784.9	5668.3
20°	7231.4	7471.6	7651.3	7871.8	8213.1	8347.9	7870.4	6922.4	6384.5	6282.0
22.5°	8947.6	8904.1	8536.1	8531.9	9026.3	9567.0	9534.7	8310.0	7501.1	7416.8
25°	9590.9	9388.6	8856.3	8727.1	8944.8	9779.1	9658.3	8593.7	7846.6	7641.5
27.5°	9339.5	8838.1	8488.4	8458.9	8387.3	9175.1	9465.9	8708.9	7967.3	7767.9
30°	9324.0	8586.7	8086.7	8145.7	8214.5	8967.3	9572.6	9069.8	8276.3	8062.8
32.5°	9361.9	8621.8	8116.2	8127.4	8332.5	8998.2	9690.6	9463.1	8682.2	8468.7
35°	9515.0	8821.2	8304.4	8277.7	8597.9	9200.4	9891.4	10081.0	9236.9	8994.0
37.5°	9762.2	9218.7	8648.5	8641.5	9106.3	9565.6	10141.4	10704.6	9788.9	9527.7
40°	10125.9	9683.6	9260.8	9222.9	9797.3	10159.7	10465.8	11368.9	10430.7	10095.1
42.5°	10565.5	10241.1	10068.4	10218.6	10770.6	10826.8	10971.4	11982.6	10977.0	10586.6
45°	10972.8	10957.4	11197.5	11596.4	11918.0	11580.9	11499.5	12394.1	11401.2	10977.0
47.5°	11457.4	11875.9	12600.6	13184.8	13521.9	12458.7	11950.3	12662.4	11710.1	11319.7
50°	11948.9	12975.5	14132.8	14947.4	15019.0	13412.3	12260.7	12915.1	11991.0	11585.2
52.5°	12465.7	13853.3	15394.0	16340.6	16201.5	14242.3	12561.2	13086.5	12280.3	11923.6
55°	12915.1	14391.2	16099.0	17007.7	16804.0	14747.9	12885.7	13271.9	12693.2	12392.7
57.5°	13166.5	14436.1	15923.4	16716.9	16496.4	14649.6	13034.5	13409.5	12957.3	12721.3
58°	13203.1	14375.8	15767.5	16548.4	16323.7	14566.8	13033.1	13403.9	12974.1	12736.8
60°	13170.8	13983.9	15187.5	15882.7	15646.8	14047.1	12979.8	13298.6	12760.7	12559.8
62.5°	12871.6	13304.2	14186.2	14691.8	14624.3	13235.4	12760.7	12901.1	12110.4	11916.6
65°	12478.4	12377.3	12903.9	13262.0	13312.6	12627.2	12543.0	12041.6	11276.2	11002.3
67.5°	12000.9	11326.7	11325.3	11529.0	11613.2	11691.9	12089.3	11107.6	10074.0	9784.7
70°	11190.5	9707.4	9260.8	9501.0	9430.8	10095.1	11279.0	9795.9	8624.6	8286.1
72.5°	9704.6	7703.3	6988.4	7297.4	7120.5	7916.8	9868.9	8061.4	7131.7	6716.0
75°	7866.2	5762.4	5025.1	5308.8	5199.2	6005.3	8211.7	5855.1	5114.9	4956.2
77.5°	6107.9	4175.4	3747.0	3707.7	3789.2	4468.9	6023.6	3953.5	3372.0	3263.9
80°	3924.0	2988.6	3013.9	2963.3	3005.5	2817.3	3657.1	2522.4	2283.6	2196.5
82.5°	2582.7	2082.8	2483.0	2292.0	2176.9	1894.6	2398.8	1651.6	1401.6	1353.9
85°	1759.8	1533.6	1396.0	1067.4	1257.0	1459.2	1799.1	889.0	705.0	639.0
87.5°	794.9	533.7	391.8	241.6	382.0	441.0	873.6	103.9	80.1	82.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)