

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: P528574

Luminaire Tested: **GALN-SA3C-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528574
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA3C-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12421 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 160
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

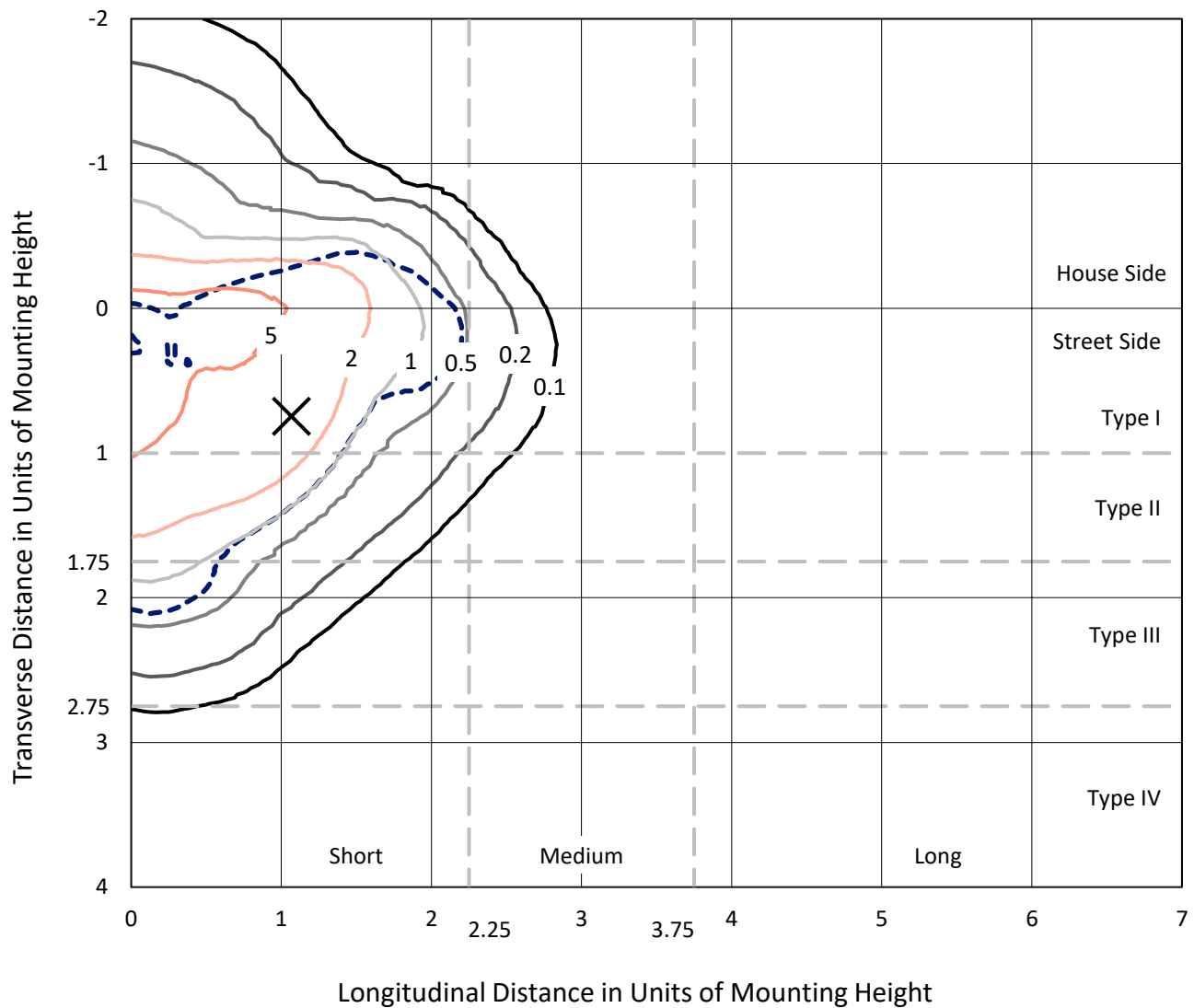


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

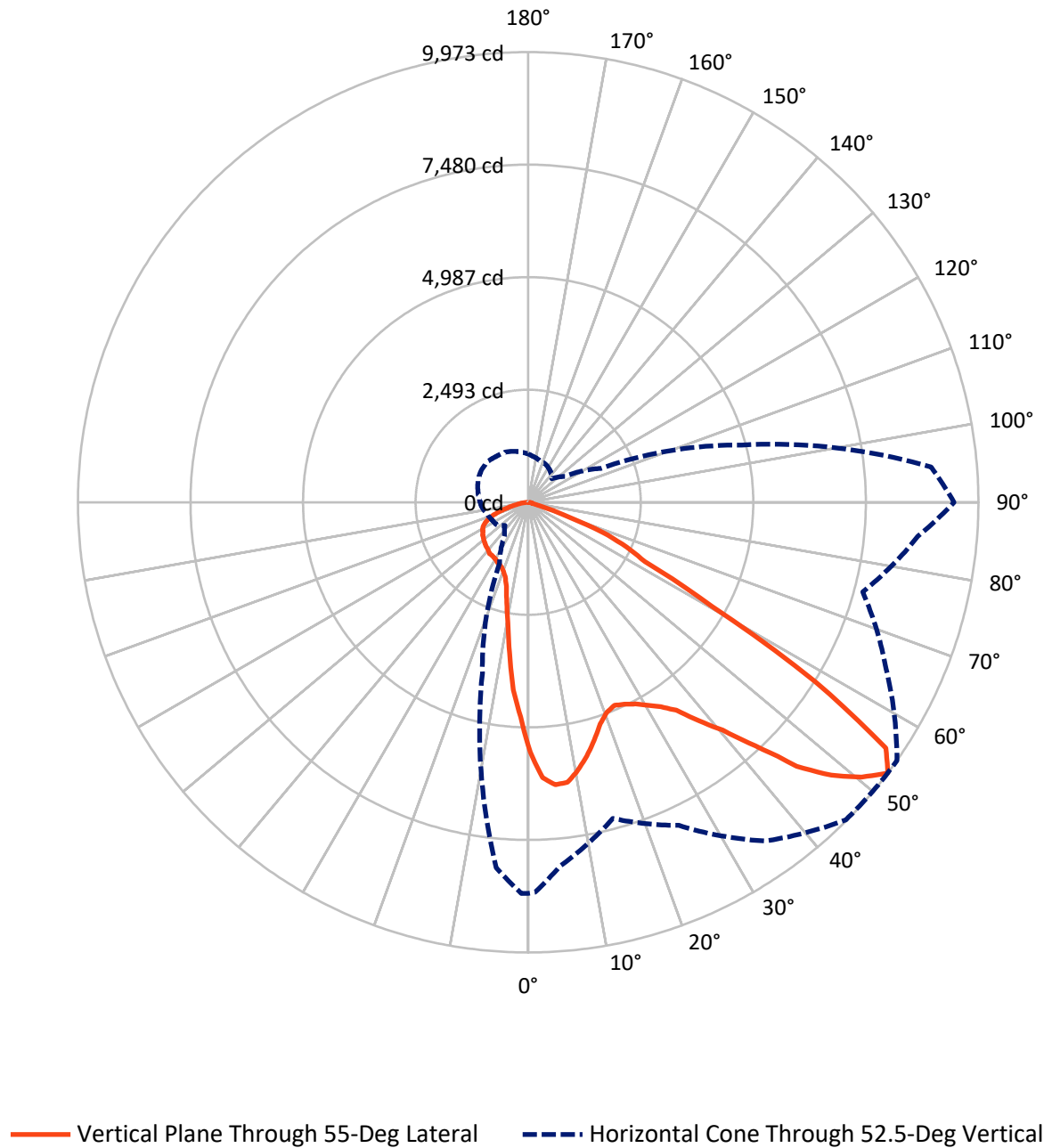


Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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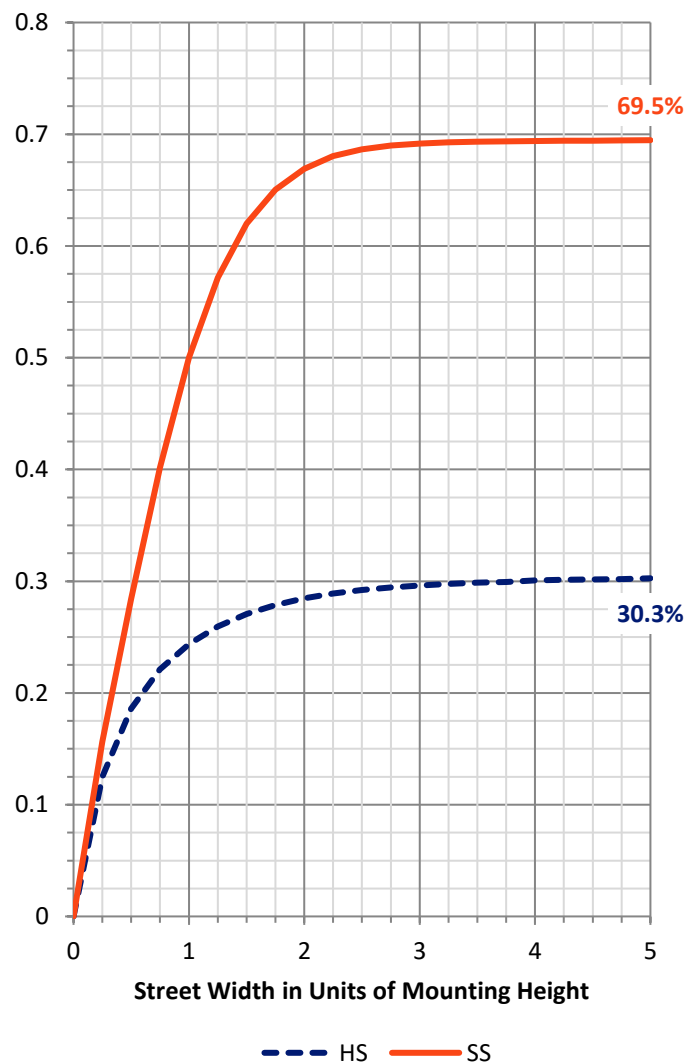
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3789.1	0.0	3789.1
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	8631.9	0.0	8631.9
	% Fixture	69.5	0.0	69.5
Total	Lumens	12421.0	0.0	12421.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.3	3.4
10°-20°	912.7	7.3
20°-30°	1383.9	11.1
30°-40°	1999.6	16.1
40°-50°	2672.0	21.5
50°-60°	2982.5	24.0
60°-70°	1636.1	13.2
70°-80°	353.7	2.8
80°-90°	57.2	0.5
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°	12421.0	100.0
0°-180°	12421.0	100.0

Coefficient of Utilization



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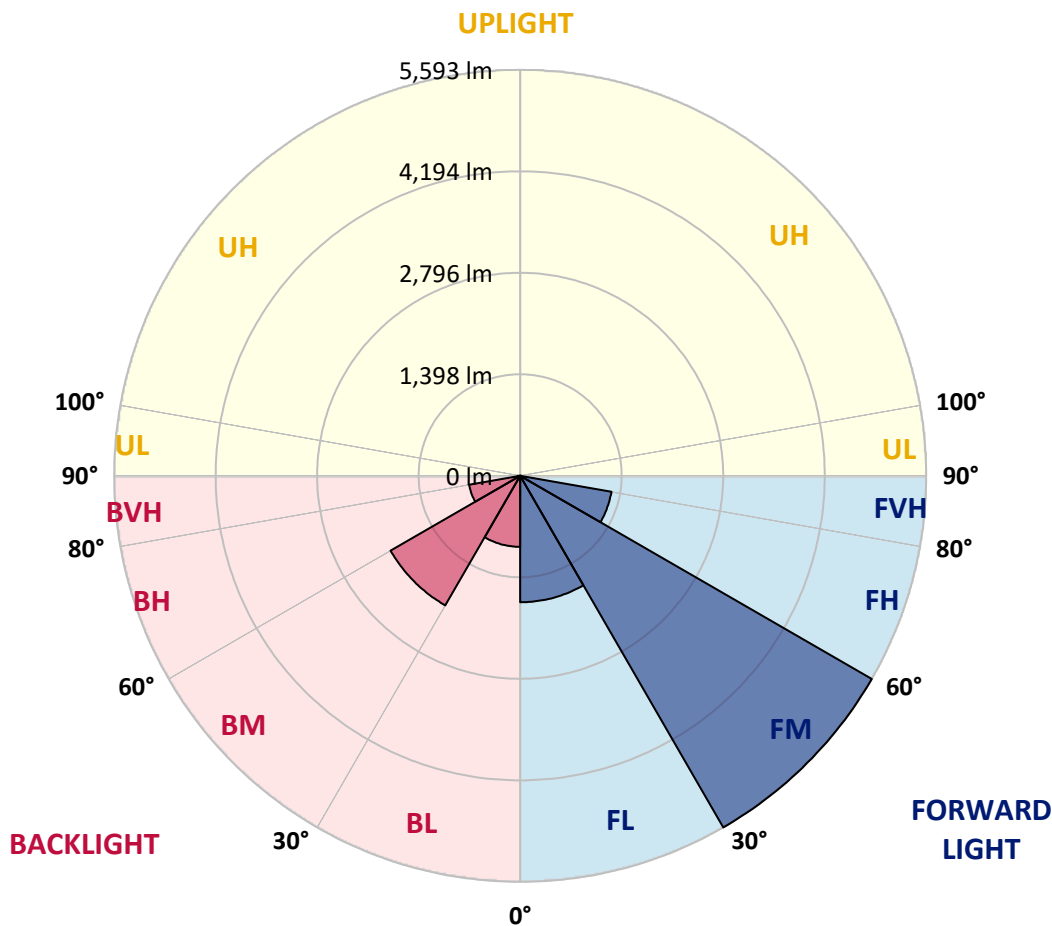
CATALOG NUMBER: GALN-SA3C-830-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1741.6	14.0			
FM	(30°-60°)	5592.5	45.0			
FH	(60°-80°)	1276.6	10.3			G1/1800
FVH	(80°-90°)	21.2	0.2			G1/100
BL	(0°-30°)	978.3	7.9	B2/1000		
BM	(30°-60°)	2061.6	16.6	B2/2500		
BH	(60°-80°)	713.2	5.7	B2/1000		G2/1000
BVH	(80°-90°)	36.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7
2.5°	5814.6	5781.9	5811.0	5948.8	6028.6	6083.0	6117.5	6112.0	5981.4	5854.5	5854.5
5°	5644.1	5602.4	5662.2	5974.2	6288.0	6315.2	6360.5	6286.1	6093.9	5861.7	5571.6
7.5°	5150.8	5181.6	5281.4	5691.3	6099.3	6304.3	6358.7	6264.4	5952.4	5519.0	5092.8
10°	4724.6	4797.1	5027.5	5470.0	5845.4	6112.0	6171.9	6039.5	5792.8	5261.4	4880.6
12.5°	4577.7	4532.3	4788.1	5230.6	5589.7	5733.0	5760.2	5769.2	5602.4	5130.8	4666.5
15°	4559.5	4588.6	4788.1	5123.6	5344.9	5352.1	5397.4	5468.2	5489.9	5219.7	4766.3
17.5°	4820.7	4786.2	4991.2	5257.8	5152.6	5047.4	5058.3	5159.9	5339.4	5295.9	5080.1
20°	5207.0	5285.0	5446.4	5419.2	5136.3	4869.7	4871.5	4967.6	5321.3	5611.5	5517.1
22.5°	5849.0	5925.2	6044.9	5716.7	5136.3	4817.1	4755.4	4886.0	5437.3	5986.9	6010.5
25°	6434.9	6574.5	6607.2	6220.8	5393.8	4866.0	4826.1	4954.9	5553.4	6353.2	6576.3
27.5°	6968.1	7018.9	7162.1	6545.5	5537.1	4898.7	4895.1	5060.1	5700.3	6536.4	7082.3
30°	7388.8	7383.4	7465.0	6750.4	5765.6	5081.9	4905.9	5217.9	5892.6	6839.3	7550.3
32.5°	7675.4	7737.1	7909.4	7035.2	5861.7	5256.0	5118.1	5402.9	6126.5	6982.6	7880.3
35°	8179.6	8286.6	8069.0	7193.0	6166.4	5428.3	5266.9	5655.0	6242.6	7138.6	8284.8
37.5°	8654.8	8573.2	8351.9	7278.2	6364.1	5747.5	5597.0	6142.9	6603.5	7477.7	8553.2
40°	8959.5	8957.7	8564.1	7347.1	6503.8	6235.4	6226.3	6638.0	7046.1	7691.7	8854.3
42.5°	9091.9	9218.8	8651.2	7339.9	6797.6	6826.6	7009.8	7378.0	7359.8	7735.3	8847.0
44°	9273.2	9349.4	8801.7	7356.2	6993.5	7225.6	7657.3	7891.2	7633.7	7711.7	8838.0
45°	9266.0	9271.4	8587.7	7378.0	7160.3	7559.3	7945.6	8341.0	7874.9	7660.9	8957.7
47.5°	9053.8	8992.1	8406.3	7216.5	7680.8	8440.8	8798.1	9037.5	8172.3	7552.1	8808.9
50°	8634.8	8564.1	7965.6	7147.6	7789.7	8988.5	9481.8	9568.9	8442.6	7445.1	8662.0
52.5°	8663.8	8643.9	8090.7	7251.0	7898.5	9160.8	9951.5	9973.3	8749.1	7670.0	8663.8
55°	9182.6	9113.6	8449.8	7379.8	7818.7	8959.5	9652.3	9614.2	8645.7	7533.9	8823.4
57.5°	8402.7	8448.0	7952.9	6870.1	6842.9	7283.7	7588.3	7494.0	7214.7	6799.4	8208.6
60°	6779.5	6908.2	6955.4	5745.7	5163.5	4936.8	4846.1	4679.2	4726.4	5586.1	7211.1
62.5°	5814.6	5807.3	6103.0	5208.8	3382.5	2909.1	2865.6	2903.7	3447.8	5499.0	7062.4
65°	4610.3	4733.6	4824.3	4414.4	2677.0	2160.1	2158.3	2399.5	2983.5	4595.8	5702.1
67.5°	2927.2	3088.7	3201.1	2823.9	1790.1	1538.0	1496.3	1786.5	2067.6	3014.3	3433.3
70°	1650.4	1726.6	1777.4	1628.7	1139.0	798.0	750.9	819.8	1249.6	1951.5	2034.9
72.5°	636.6	671.1	740.0	745.4	429.8	257.5	208.6	250.3	526.0	772.6	736.3
75°	97.9	105.2	148.7	177.7	123.3	94.3	99.8	103.4	146.9	199.5	166.9
77.5°	47.2	47.2	45.3	52.6	61.7	67.1	72.5	79.8	87.1	96.1	92.5
80°	30.8	30.8	30.8	36.3	45.3	54.4	61.7	65.3	68.9	76.2	72.5
82.5°	20.0	20.0	20.0	27.2	36.3	45.3	49.0	58.0	65.3	76.2	70.7
85°	10.9	10.9	10.9	18.1	27.2	38.1	36.3	29.0	16.3	1.8	3.6
87.5°	3.6	3.6	3.6	3.6	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7
2.5°	5702.1	5618.7	5611.5	5441.0	5288.6	5214.3	5154.4	4987.6	5023.8	4927.7	4925.9
5°	5426.5	5256.0	4980.3	4753.6	4526.9	4481.6	4283.9	4111.6	4117.0	3993.7	4015.4
7.5°	4931.3	4813.4	4477.9	4122.4	3821.4	3607.4	3420.6	3308.1	3164.8	3115.9	3090.5
10°	4617.6	4472.5	4095.2	3649.1	3311.7	3197.5	3017.9	2918.2	2771.3	2698.7	2647.9
12.5°	4479.7	4267.5	3796.0	3342.6	3117.7	2999.8	2847.4	2666.1	2492.0	2424.9	2332.4
15°	4494.2	4240.3	3708.9	3219.2	2949.0	2720.5	2584.5	2383.1	2205.4	2087.5	2020.4
17.5°	4713.7	4405.4	3748.8	3124.9	2736.8	2450.3	2183.6	1966.0	1824.5	1735.7	1713.9
20°	5232.4	4813.4	3815.9	2972.6	2524.6	2167.3	1839.0	1612.3	1503.5	1501.7	1503.5
22.5°	5664.1	5248.7	3952.0	2881.9	2312.4	1804.6	1478.1	1405.6	1383.8	1429.2	1434.6
25°	6246.2	5738.4	4185.9	2834.7	2116.5	1538.0	1336.7	1309.5	1307.6	1365.7	1367.5
27.5°	6842.9	6166.4	4325.6	2696.9	1917.0	1400.1	1251.4	1246.0	1275.0	1336.7	1331.2
30°	7249.2	6525.5	4577.7	2531.9	1681.3	1278.6	1217.0	1224.2	1264.1	1311.3	1318.5
32.5°	7722.6	6879.2	4643.0	2441.2	1536.2	1177.1	1133.5	1149.9	1200.6	1275.0	1314.9
35°	8264.8	7129.5	4742.7	2317.9	1481.8	1099.1	1077.3	1095.4	1157.1	1206.1	1249.6
37.5°	8665.7	7572.0	4760.9	2221.7	1421.9	1055.5	1021.1	1080.9	1117.2	1186.1	1207.9
40°	8963.1	7893.0	4808.0	2161.9	1374.8	999.3	999.3	1039.2	1088.2	1151.7	1195.2
42.5°	9153.5	8127.0	4842.5	2107.5	1284.1	983.0	973.9	1013.8	1079.1	1140.8	1160.7
44°	9269.6	8226.8	4808.0	2056.7	1258.7	963.1	963.1	997.5	1048.3	1120.8	1144.4
45°	9298.6	8351.9	4731.8	2054.9	1227.8	939.5	935.8	1001.1	1035.6	1124.5	1139.0
47.5°	9411.1	8506.1	4740.9	1996.8	1153.5	883.3	946.7	975.7	1006.6	1084.6	1133.5
50°	9407.4	8602.2	4721.0	1911.6	1099.1	819.8	925.0	957.6	988.4	1068.2	1088.2
52.5°	9432.8	8961.3	4904.1	1775.6	1001.1	738.2	852.4	925.0	963.1	1030.2	1071.9
55°	9420.1	9166.2	5085.5	1674.0	863.3	689.2	790.8	876.0	930.4	1001.1	1021.1
57.5°	8604.0	8101.6	4706.4	1483.6	714.6	631.2	703.7	825.2	894.1	966.7	992.1
60°	7029.7	6244.4	3881.2	1091.8	587.6	580.4	654.7	808.9	837.9	901.4	944.9
62.5°	6496.5	5477.2	3077.8	834.3	502.4	531.4	603.9	730.9	776.2	854.2	894.1
65°	5083.7	3638.2	1906.2	564.0	442.5	477.0	545.9	640.2	714.6	787.1	834.3
67.5°	3010.7	1987.8	943.1	395.4	386.3	422.6	493.3	564.0	649.3	729.1	752.7
70°	1639.5	977.6	402.6	301.1	328.3	360.9	429.8	478.8	560.4	622.1	662.0
72.5°	526.0	297.4	201.3	223.1	250.3	288.4	330.1	389.9	448.0	484.2	516.9
75°	127.0	125.1	143.3	156.0	181.4	210.4	244.8	275.7	321.0	355.5	384.5
77.5°	88.9	96.1	110.6	128.8	137.8	148.7	170.5	194.1	214.0	239.4	257.5
80°	68.9	74.4	85.2	94.3	103.4	112.4	123.3	132.4	145.1	161.4	170.5
82.5°	65.3	68.9	79.8	85.2	81.6	79.8	87.1	90.7	92.5	97.9	103.4
85°	5.4	0.0	3.6	12.7	30.8	45.3	49.0	49.0	47.2	50.8	50.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	7.3	5.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7
2.5°	4904.1	4842.5	4866.0	4895.1	4853.4	4757.2	4782.6	4771.7	4869.7	4862.4	4960.4
5°	4111.6	4015.4	4026.3	4167.8	4122.4	4171.4	4073.5	4060.8	4078.9	4088.0	4104.3
7.5°	3146.7	3134.0	3242.8	3362.5	3418.7	3360.7	3264.6	3242.8	3222.9	3183.0	3273.7
10°	2568.1	2571.8	2564.5	2655.2	2718.7	2706.0	2647.9	2640.7	2602.6	2588.1	2638.9
12.5°	2292.5	2243.5	2219.9	2190.9	2239.9	2272.5	2247.1	2229.0	2230.8	2248.9	2256.2
15°	2025.9	1995.0	1944.2	1911.6	1935.2	1918.9	1909.8	1946.1	1937.0	1933.4	1976.9
17.5°	1726.6	1752.0	1748.4	1712.1	1742.9	1730.2	1728.4	1703.0	1668.6	1643.2	1657.7
20°	1528.9	1576.1	1612.3	1614.2	1630.5	1628.7	1601.5	1523.5	1498.1	1492.6	1496.3
22.5°	1458.2	1483.6	1527.1	1588.8	1588.8	1559.7	1527.1	1436.4	1412.8	1387.4	1376.6
25°	1402.0	1450.9	1507.2	1514.4	1543.4	1516.2	1463.6	1418.3	1369.3	1334.9	1334.9
27.5°	1372.9	1427.3	1469.1	1481.8	1521.7	1499.9	1445.5	1387.4	1329.4	1327.6	1296.8
30°	1360.2	1411.0	1438.2	1469.1	1487.2	1452.7	1436.4	1374.8	1316.7	1302.2	1251.4
32.5°	1322.2	1394.7	1445.5	1438.2	1452.7	1438.2	1414.7	1363.9	1298.6	1265.9	1260.5
35°	1278.6	1351.2	1405.6	1443.7	1452.7	1421.9	1407.4	1338.5	1249.6	1233.3	1177.1
37.5°	1255.1	1298.6	1365.7	1427.3	1440.0	1423.7	1374.8	1304.0	1215.2	1197.0	1148.0
40°	1226.0	1282.3	1334.9	1385.6	1423.7	1383.8	1327.6	1258.7	1218.8	1164.4	1149.9
42.5°	1204.3	1267.7	1311.3	1367.5	1411.0	1358.4	1293.1	1246.0	1189.8	1153.5	1111.8
44°	1197.0	1255.1	1284.1	1353.0	1389.3	1349.4	1295.0	1246.0	1180.7	1148.0	1111.8
45°	1171.6	1251.4	1282.3	1343.9	1374.8	1342.1	1273.2	1224.2	1177.1	1137.2	1099.1
47.5°	1146.2	1200.6	1253.2	1302.2	1324.0	1313.1	1255.1	1195.2	1139.0	1115.4	1079.1
50°	1139.0	1193.4	1242.4	1287.7	1313.1	1291.3	1238.7	1180.7	1115.4	1077.3	1046.5
52.5°	1102.7	1169.8	1224.2	1238.7	1271.4	1258.7	1218.8	1155.3	1093.6	1061.0	1035.6
55°	1050.1	1120.8	1195.2	1213.3	1260.5	1240.5	1180.7	1120.8	1068.2	1019.3	986.6
57.5°	1030.2	1099.1	1171.6	1195.2	1224.2	1191.6	1177.1	1113.6	1030.2	1004.8	954.0
60°	979.4	1066.4	1126.3	1180.7	1182.5	1173.4	1148.0	1075.5	1006.6	959.4	923.2
62.5°	939.5	1021.1	1068.2	1119.0	1149.9	1124.5	1099.1	1032.0	957.6	905.0	863.3
65°	881.4	955.8	995.7	1026.5	1061.0	1057.4	1013.8	964.9	886.9	845.2	805.3
67.5°	792.6	857.9	912.3	941.3	963.1	957.6	925.0	890.5	810.7	769.0	740.0
70°	685.6	752.7	787.1	803.5	825.2	836.1	810.7	794.4	723.6	669.2	642.0
72.5°	551.4	594.9	645.7	660.2	669.2	676.5	676.5	662.0	589.4	567.7	520.5
75°	406.3	440.7	478.8	478.8	495.1	496.9	500.6	491.5	437.1	408.1	397.2
77.5°	275.7	301.1	331.9	344.6	355.5	353.7	351.8	326.5	297.4	284.7	273.9
80°	179.6	204.9	219.5	235.8	246.7	244.8	248.5	230.3	217.6	195.9	199.5
82.5°	107.0	127.0	141.5	161.4	161.4	166.9	166.9	161.4	148.7	137.8	137.8
85°	50.8	67.1	76.2	88.9	96.1	97.9	87.1	74.4	61.7	56.2	61.7
87.5°	9.1	12.7	18.1	16.3	20.0	18.1	18.1	18.1	18.1	14.5	16.3
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7	5540.7
2.5°	4924.1	5014.8	5078.2	5183.4	5364.8	5509.9	5658.6	5769.2	5781.9	5814.6
5°	4164.2	4213.1	4374.5	4584.9	4733.6	4978.5	5136.3	5422.8	5529.8	5644.1
7.5°	3251.9	3331.7	3547.5	3689.0	4015.4	4321.9	4639.3	4993.0	5134.5	5150.8
10°	2742.3	2858.3	3005.2	3231.9	3409.7	3750.6	4146.0	4539.6	4697.4	4724.6
12.5°	2408.5	2557.3	2753.1	2916.4	3086.8	3384.3	3763.3	4249.4	4454.3	4577.7
15°	2087.5	2241.7	2457.5	2684.2	2834.7	3190.2	3636.4	4184.1	4450.7	4559.5
17.5°	1757.4	1900.7	2078.5	2323.3	2626.2	3025.2	3616.4	4401.7	4693.7	4820.7
20°	1474.5	1554.3	1761.1	2013.2	2392.2	2856.5	3623.7	4722.8	5150.8	5207.0
22.5°	1363.9	1382.0	1463.6	1695.8	2111.1	2684.2	3752.5	5178.0	5664.1	5849.0
25°	1278.6	1275.0	1296.8	1452.7	1906.2	2617.1	3879.4	5597.0	6233.5	6434.9
27.5°	1231.5	1195.2	1197.0	1343.9	1761.1	2508.3	4042.6	6077.6	6879.2	6968.1
30°	1207.9	1200.6	1178.9	1238.7	1603.3	2345.1	4069.8	6550.9	7260.1	7388.8
32.5°	1193.4	1122.7	1095.4	1117.2	1454.6	2167.3	4171.4	6862.9	7731.6	7675.4
35°	1120.8	1057.4	1039.2	1061.0	1349.4	2067.6	4104.3	7134.9	8085.3	8179.6
37.5°	1093.6	1037.4	1001.1	983.0	1251.4	1984.1	4069.8	7553.9	8428.1	8654.8
40°	1068.2	1008.4	964.9	946.7	1175.3	1873.5	4059.0	7876.7	8823.4	8959.5
42.5°	1039.2	1001.1	952.2	919.5	1082.8	1762.9	3933.8	7976.5	8945.0	9091.9
44°	1030.2	972.1	921.3	910.5	1046.5	1706.7	3908.4	8067.2	9050.2	9273.2
45°	1021.1	966.7	908.6	894.1	1033.8	1675.8	3874.0	8088.9	9224.3	9266.0
47.5°	995.7	961.2	905.0	865.1	1006.6	1608.7	3770.6	7965.6	9046.5	9053.8
50°	975.7	935.8	877.8	799.8	970.3	1552.5	3817.8	7920.2	8618.5	8634.8
52.5°	954.0	894.1	861.5	727.3	910.5	1505.3	3917.5	8125.2	8667.5	8663.8
55°	928.6	863.3	783.5	665.6	810.7	1445.5	4158.7	8529.6	9120.9	9182.6
57.5°	888.7	832.5	718.2	611.2	696.4	1331.2	4080.7	7755.2	8391.8	8402.7
60°	836.1	783.5	651.1	569.5	571.3	1050.1	3649.1	6043.1	6621.7	6779.5
62.5°	785.3	756.3	594.9	509.6	486.1	836.1	3085.0	5022.0	5684.0	5814.6
65°	725.5	654.7	545.9	464.3	417.1	585.8	2185.5	3752.5	4434.4	4610.3
67.5°	649.3	573.1	480.6	408.1	357.3	391.8	1128.1	2132.9	2823.9	2927.2
70°	567.7	496.9	404.4	344.6	288.4	270.2	496.9	1017.5	1543.4	1650.4
72.5°	466.1	400.8	322.8	272.0	215.8	186.8	166.9	272.0	547.7	636.6
75°	337.3	292.0	243.0	194.1	152.3	119.7	97.9	81.6	90.7	97.9
77.5°	248.5	212.2	179.6	137.8	107.0	85.2	67.1	50.8	49.0	47.2
80°	194.1	172.3	143.3	110.6	83.4	63.5	47.2	34.5	30.8	30.8
82.5°	152.3	141.5	117.9	90.7	68.9	50.8	34.5	23.6	20.0	20.0
85°	58.0	58.0	85.2	74.4	52.6	36.3	23.6	12.7	10.9	10.9
87.5°	14.5	14.5	14.5	14.5	12.7	10.9	10.9	5.4	3.6	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)