

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: LUMARK

Report Number: P163276

Luminaire Tested: **LDRL-SL2-E06-E-7030-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163276  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRL-SL2-E06-E-7030-HSS  
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (126) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9746.6 lumens  
Efficiency: N/A  
Efficacy: 64.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2

Input Watts (W): 150.5  
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: 25 FT

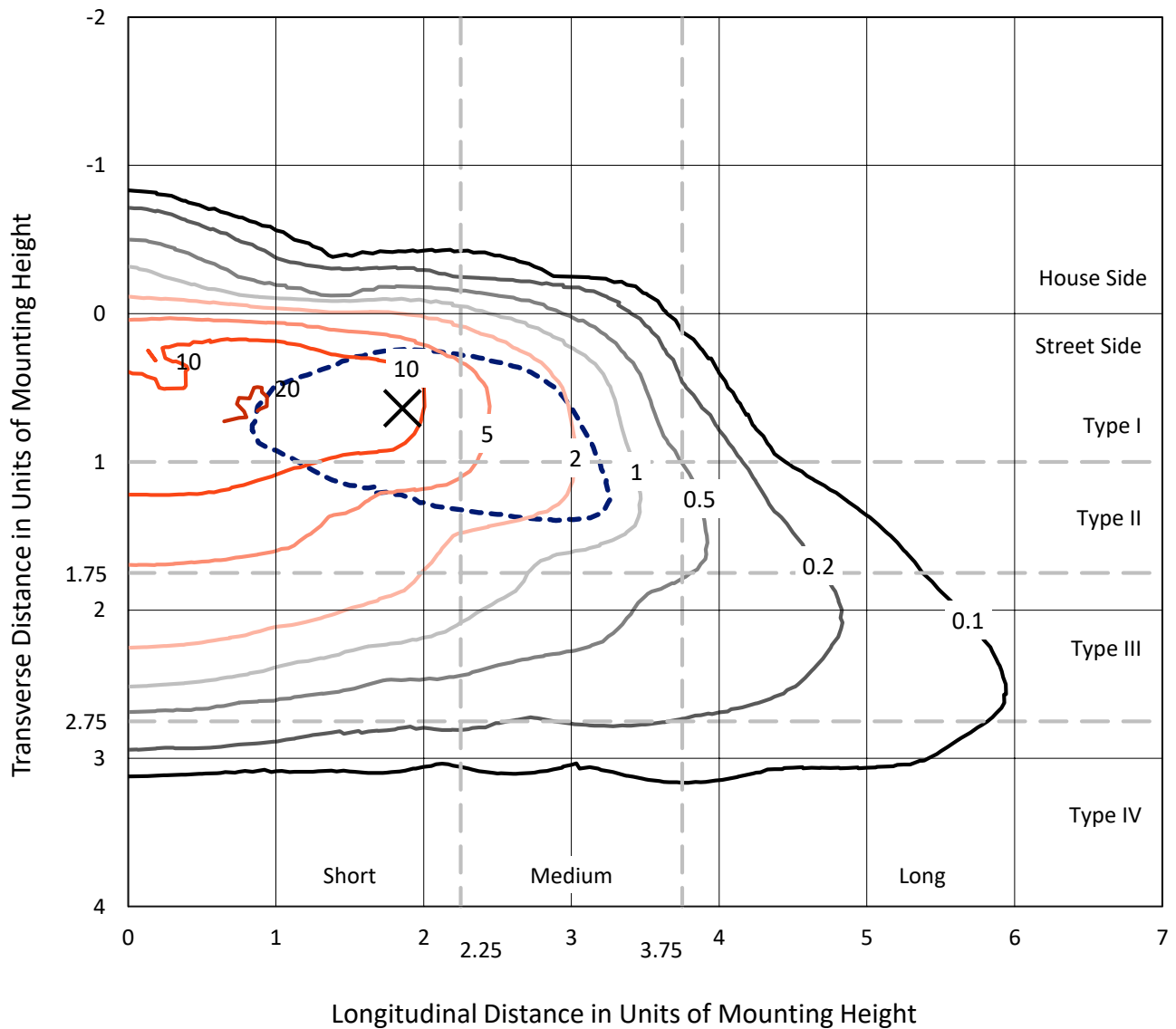


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### Iso-Footcandle Lines of Horizontal Illumination

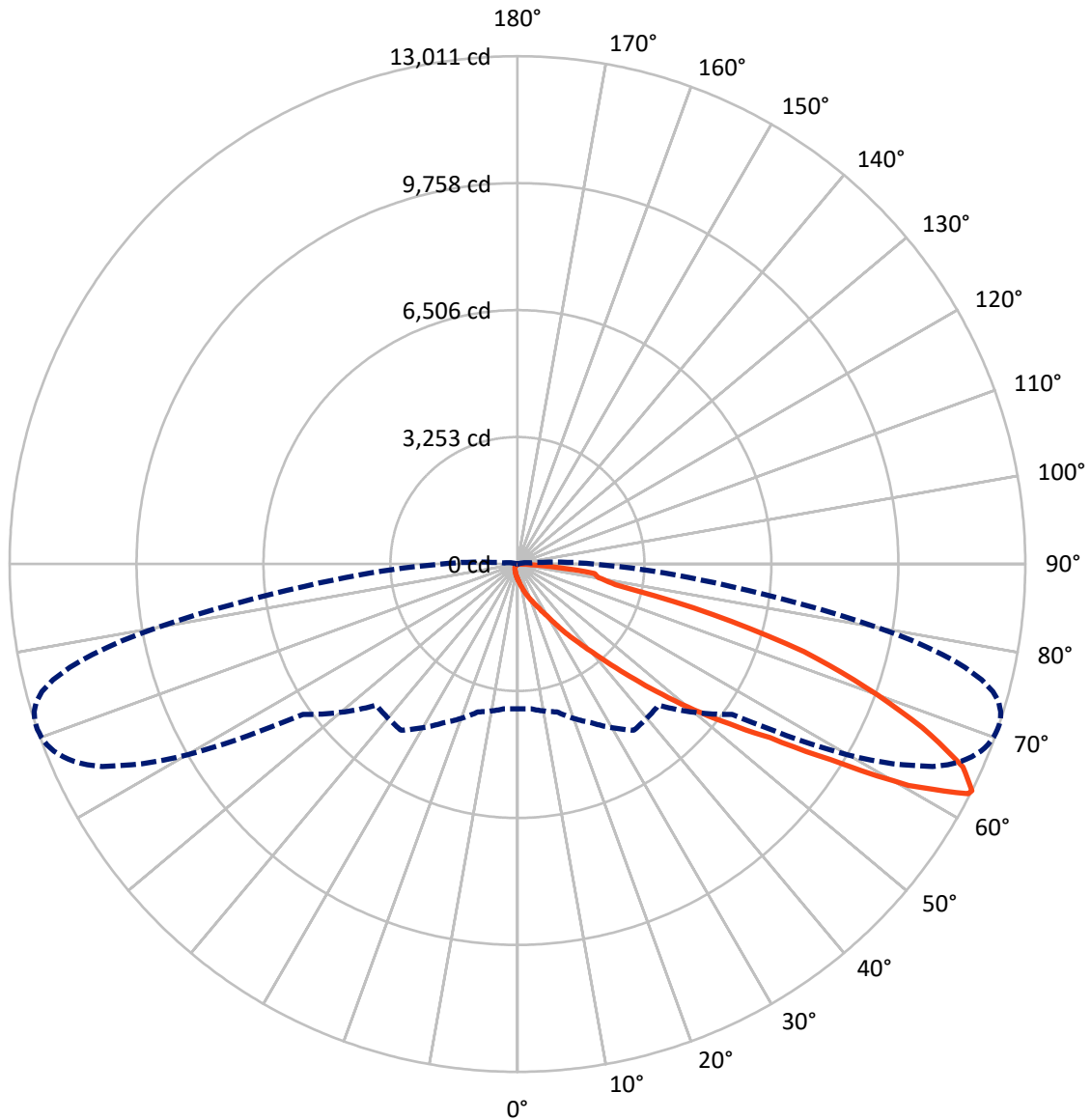
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.5 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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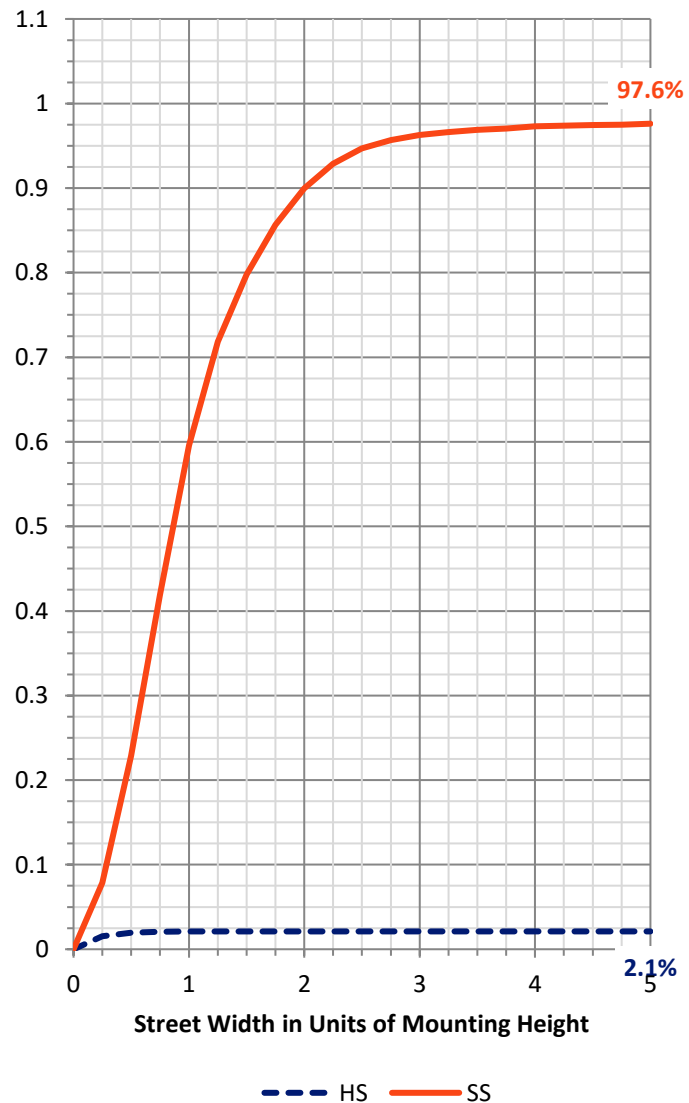
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	206.9	0.0	206.9
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	9539.7	0.0	9539.7
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	9746.6	0.0	9746.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.3	0.4
10°-20°	160.3	1.6
20°-30°	325.5	3.3
30°-40°	795.3	8.2
40°-50°	1778.6	18.2
50°-60°	2500.9	25.7
60°-70°	2940.9	30.2
70°-80°	1061.9	10.9
80°-90°	142.0	1.5
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°	9746.6	100.0
0°-180°	9746.6	100.0



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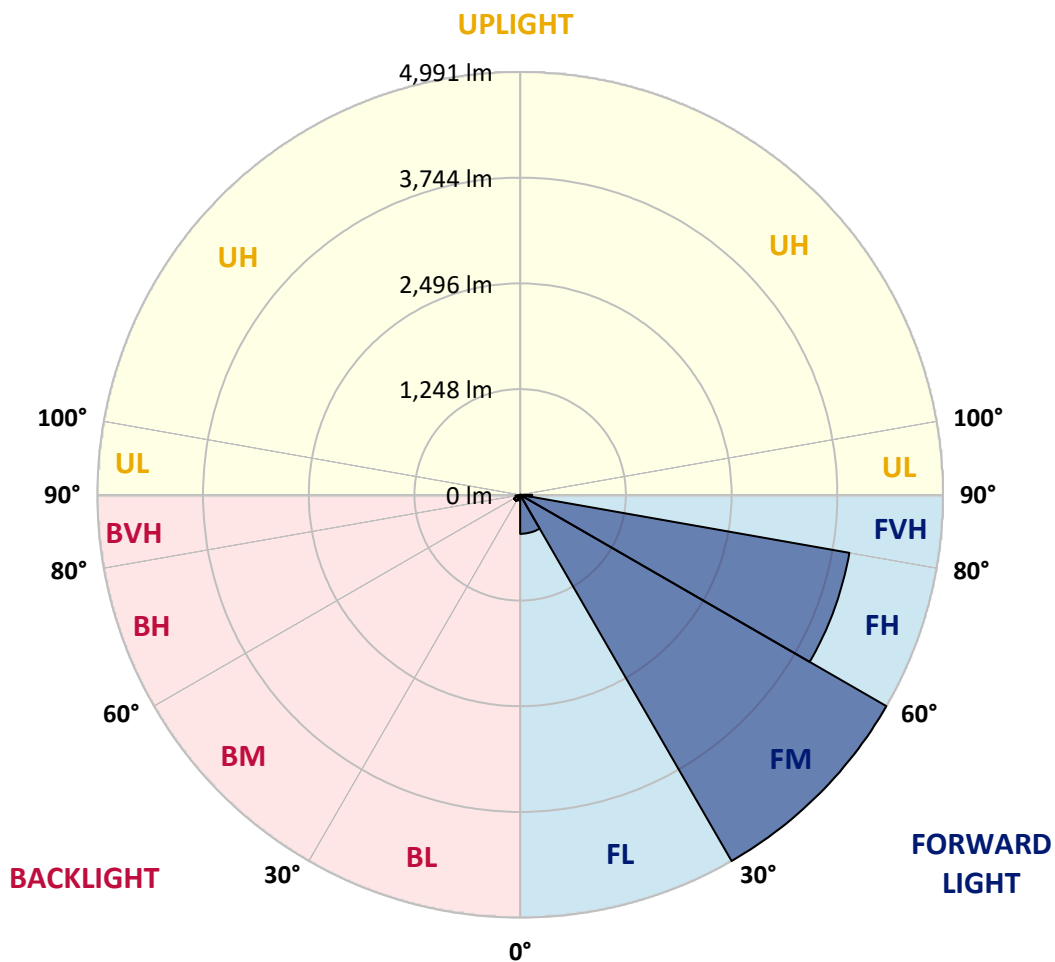
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	460.6	4.7			
FM	(30°-60°)	4991.4	51.2			
FH	(60°-80°)	3946.0	40.5			G2/5000
FVH	(80°-90°)	141.7	1.5			G2/225
BL	(0°-30°)	66.5	0.7	B0/110		
BM	(30°-60°)	83.4	0.9	B0/220		
BH	(60°-80°)	56.7	0.6	B0/110		G0/110
BVH	(80°-90°)	0.3	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-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9
2.5°	489.0	494.3	490.8	481.9	471.3	457.2	444.8	444.8	443.0	437.6	439.4
5°	641.4	643.1	636.1	614.9	595.4	565.2	531.6	528.1	524.4	519.2	517.4
7.5°	790.2	797.4	790.2	767.2	728.2	682.2	629.0	623.7	613.1	613.1	606.0
10°	942.7	942.7	935.6	908.9	873.5	808.0	740.7	731.8	719.4	715.8	705.2
12.5°	1050.8	1050.8	1047.1	1033.0	1004.6	946.2	864.7	855.8	839.9	834.5	822.1
15°	1093.3	1093.3	1095.0	1107.4	1109.2	1082.6	997.6	990.5	974.6	960.3	955.1
17.5°	1119.8	1118.1	1118.1	1135.8	1167.7	1185.3	1130.4	1123.4	1105.7	1098.5	1080.9
20°	1178.3	1174.7	1164.1	1164.1	1194.2	1256.3	1256.3	1254.5	1235.0	1229.7	1220.9
22.5°	1265.1	1261.6	1229.7	1203.1	1217.2	1295.3	1367.9	1364.3	1357.3	1350.2	1344.8
25°	1406.9	1394.5	1339.6	1261.6	1249.1	1332.4	1453.0	1461.8	1467.1	1467.1	1470.6
27.5°	1621.2	1605.3	1507.9	1362.6	1307.7	1392.7	1546.8	1564.6	1580.6	1584.1	1600.0
30°	1918.9	1890.6	1750.7	1538.0	1412.2	1481.3	1685.0	1704.5	1727.5	1734.7	1759.4
32.5°	2408.0	2392.1	2257.4	1938.4	1669.1	1655.0	1878.1	1903.0	1933.2	1945.5	1975.7
35°	3152.2	3155.8	3045.8	2758.8	2386.7	2191.8	2223.7	2245.0	2255.6	2292.8	2308.8
37.5°	3657.2	3666.0	3690.8	3577.4	3311.6	3113.2	2863.4	2886.4	2831.5	2836.8	2838.6
40°	3933.6	3961.9	4107.2	4217.0	4195.8	4080.6	3880.5	3892.8	3790.0	3767.0	3655.3
42.5°	4117.9	4155.0	4387.2	4727.4	4901.1	5005.5	4959.5	4954.2	4874.4	4844.3	4750.4
45°	4233.1	4266.7	4559.0	5060.5	5460.9	5765.7	5891.5	5905.7	5838.4	5808.3	5730.2
47.5°	4227.7	4266.7	4580.3	5184.5	5774.6	6261.8	6616.2	6633.9	6674.7	6648.1	6653.4
50°	3993.8	4031.1	4346.4	4973.6	5682.4	6488.7	7137.2	7193.8	7259.4	7303.7	7324.9
52.5°	3710.4	3736.9	4016.8	4612.2	5289.1	6394.7	7445.5	7542.9	7640.4	7723.7	7782.1
55°	3605.8	3635.9	3855.6	4350.0	4973.6	6001.4	7589.0	7732.5	7870.7	8007.1	8118.8
57.5°	3660.7	3689.1	3846.7	4225.9	4785.9	5586.7	7629.7	7853.0	8079.8	8301.3	8521.0
60°	3862.7	3892.8	4027.4	4341.1	4736.2	5347.5	7470.3	7840.6	8218.0	8604.3	8967.5
62.5°	3782.9	3795.4	3993.8	4543.1	5090.6	5143.7	6890.9	7408.2	7984.1	8579.4	9165.9
63°	3706.7	3721.0	3923.0	4488.2	5198.8	5113.7	6711.9	7257.6	7865.4	8506.8	9144.6
65°	3361.3	3363.0	3517.2	3963.6	5078.2	5166.9	5914.6	6435.5	7133.6	7902.6	8708.8
67.5°	2509.0	2496.6	2645.5	2985.7	3986.8	5168.6	5076.4	5368.7	5854.3	6536.4	7259.4
70°	889.5	870.0	1110.9	1582.3	2484.1	4227.7	4362.4	4381.9	4516.5	4885.1	5338.7
72.5°	288.8	294.2	354.3	579.4	1144.7	2845.6	3949.5	3889.2	3853.8	3852.1	3912.4
75°	115.2	116.9	141.7	256.9	513.8	1371.5	3458.7	3492.4	3504.7	3522.5	3542.0
77.5°	54.9	60.3	79.7	143.5	255.2	678.7	2475.4	2760.5	2923.6	3049.5	3125.6
80°	19.5	23.0	44.3	88.6	118.7	311.8	1304.2	1573.4	1812.6	2120.9	2386.7
82.5°	0.0	0.0	8.9	62.0	65.5	125.8	535.1	627.3	717.6	930.2	1194.2
85°	0.0	0.0	0.0	17.8	19.5	21.3	180.7	217.9	244.5	285.3	329.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.8	5.3	10.6	26.5	40.8
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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**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9
2.5°	435.9	434.1	434.1	430.5	428.8	425.3	423.5	418.1	416.4	416.4	416.4
5°	515.6	508.6	504.9	496.2	490.8	489.0	480.2	476.7	471.3	473.0	464.3
7.5°	604.2	591.9	586.5	574.1	570.6	558.1	554.6	545.7	540.4	529.8	526.2
10°	701.7	685.7	676.9	657.4	652.0	643.1	632.5	621.9	613.1	602.5	597.1
12.5°	813.2	799.1	792.0	765.5	753.1	740.7	726.4	712.3	698.2	689.3	676.9
15°	944.4	921.4	914.3	889.5	868.3	852.3	832.8	815.1	804.5	786.7	774.3
17.5°	1073.8	1050.8	1045.4	1008.2	985.2	974.6	953.3	930.2	910.8	893.0	873.5
20°	1203.1	1187.2	1173.0	1137.6	1112.8	1095.0	1066.6	1043.6	1027.7	1002.9	978.1
22.5°	1332.4	1316.5	1305.9	1268.6	1245.6	1220.9	1196.0	1171.2	1148.2	1118.1	1089.7
25°	1465.4	1454.7	1449.4	1415.7	1394.5	1371.5	1346.7	1318.3	1289.9	1256.3	1226.1
27.5°	1603.6	1607.1	1596.5	1589.3	1566.3	1550.4	1511.4	1491.9	1470.6	1429.9	1392.7
30°	1779.0	1789.6	1786.1	1791.3	1777.2	1766.6	1736.4	1711.7	1686.9	1647.9	1605.3
32.5°	2000.5	2014.6	2021.7	2041.2	2034.1	2030.6	2021.7	1986.3	1968.6	1901.3	1883.5
35°	2342.4	2335.3	2365.4	2381.4	2374.3	2370.8	2360.2	2340.7	2319.4	2271.5	2227.2
37.5°	2787.2	2794.3	2804.9	2773.0	2751.8	2749.9	2718.0	2698.6	2668.5	2615.3	2562.2
40°	3602.2	3557.9	3508.4	3373.7	3315.2	3281.5	3187.7	3161.0	3109.6	3037.0	2982.1
42.5°	4661.8	4617.5	4468.7	4243.7	4123.1	3956.6	3880.5	3786.5	3713.9	3595.2	3531.4
45°	5714.3	5586.7	5569.0	5306.8	5158.0	4938.2	4801.8	4644.1	4479.3	4323.4	4210.0
47.5°	6602.0	6573.7	6486.9	6327.4	6189.2	6004.9	5829.5	5586.7	5416.6	5195.1	4991.4
50°	7312.5	7310.8	7278.9	7186.7	7071.6	6922.8	6768.6	6563.1	6370.0	6098.8	5880.9
52.5°	7844.1	7872.5	7883.1	7854.7	7810.5	7679.4	7601.3	7429.5	7266.5	7036.1	6800.5
55°	8234.0	8338.5	8391.7	8451.9	8439.5	8393.4	8389.8	8278.2	8203.8	8021.3	7854.7
57.5°	8715.9	8887.7	9052.6	9344.9	9355.5	9458.3	9511.5	9564.6	9578.8	9506.1	9451.2
60°	9329.0	9679.8	9991.7	10602.9	10762.4	11014.0	11177.0	11354.2	11504.8	11517.2	11513.7
62.5°	9761.3	10301.7	10804.9	11712.2	12022.2	12312.8	12530.7	12702.7	12807.1	12913.4	12963.1
63°	9773.7	10365.5	10900.6	11836.1	12162.2	12438.6	12645.9	12805.4	12915.3	12979.1	13011.0
65°	9474.2	10191.9	10829.8	11761.7	12068.3	12346.5	12454.5	12559.1	12612.2	12637.0	12543.2
67.5°	8030.2	8731.9	9476.0	10517.9	10780.1	11113.2	11201.9	11255.0	11279.8	11274.4	11194.8
70°	6004.9	6593.2	7420.6	8611.3	8958.7	9284.6	9486.6	9573.5	9601.8	9592.9	9474.2
72.5°	4192.3	4537.7	5220.0	6545.3	7018.5	7436.6	7686.4	7815.7	7842.4	7789.2	7679.4
75°	3520.7	3538.5	3692.6	4417.3	4860.3	5306.8	5588.5	5670.0	5616.9	5455.7	5175.6
77.5°	3143.3	3182.3	3182.3	3290.4	3377.2	3501.2	3527.9	3329.4	3099.0	2801.3	2560.4
80°	2636.6	2773.0	2868.7	2948.4	2957.3	2932.5	2866.9	2755.3	2578.1	2351.3	2099.6
82.5°	1601.8	1871.1	1980.9	2392.1	2594.1	2730.5	2719.9	2571.0	2436.3	2200.7	1986.3
85°	404.0	435.9	473.0	614.9	689.3	841.6	937.3	981.6	997.6	916.1	829.2
87.5°	39.0	26.5	44.3	33.6	47.8	35.4	47.8	44.3	54.9	58.4	63.8
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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**CANDELA DISTRIBUTION (continued):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9
2.5°	412.9	411.1	409.3	407.5	405.7	404.0	400.5	400.5	396.9	395.1	393.4
5°	458.9	455.4	453.6	450.0	444.8	441.1	435.9	428.8	423.5	421.7	418.1
7.5°	517.4	508.6	504.9	499.7	492.6	481.9	474.9	469.5	460.7	455.4	444.8
10°	583.0	574.1	563.5	552.8	542.2	529.8	520.9	513.8	499.7	492.6	480.2
12.5°	666.3	650.3	637.9	623.7	609.5	595.4	584.7	563.5	551.1	535.1	524.4
15°	751.3	737.1	722.9	705.2	683.9	660.9	650.3	630.8	614.9	590.0	575.8
17.5°	854.0	827.5	806.2	785.0	765.5	744.2	722.9	692.8	669.8	648.5	620.1
20°	955.1	923.2	900.2	871.8	843.4	809.7	785.0	763.7	731.8	703.4	673.3
22.5°	1063.1	1031.2	994.0	965.7	926.7	900.2	866.4	831.0	799.1	762.0	724.7
25°	1194.2	1160.6	1118.1	1080.9	1036.5	999.4	958.6	917.8	878.9	836.4	788.5
27.5°	1355.4	1320.0	1274.0	1229.7	1171.2	1125.2	1086.2	1031.2	981.6	928.4	873.5
30°	1559.3	1520.3	1463.6	1399.8	1341.3	1289.9	1235.0	1162.3	1107.4	1043.6	972.7
32.5°	1825.0	1779.0	1702.8	1642.5	1569.9	1502.5	1426.4	1353.7	1275.8	1192.5	1110.9
35°	2159.9	2117.4	2028.8	1940.2	1860.5	1780.7	1685.0	1601.8	1491.9	1391.0	1286.4
37.5°	2507.3	2431.0	2349.5	2253.9	2154.6	2058.9	1941.9	1826.8	1701.0	1591.2	1460.0
40°	2904.1	2811.9	2744.7	2641.8	2501.9	2365.4	2257.4	2113.9	1956.2	1809.1	1655.0
42.5°	3448.1	3345.3	3224.8	3068.9	2967.9	2808.4	2668.5	2498.4	2291.0	2126.3	1940.2
45°	4077.1	3937.1	3820.2	3669.6	3547.3	3348.9	3185.8	2959.0	2751.8	2535.5	2308.8
47.5°	4794.8	4621.0	4450.9	4302.1	4107.2	3912.4	3705.0	3464.1	3198.3	2960.8	2691.5
50°	5618.6	5372.4	5136.7	4945.4	4677.8	4452.7	4227.7	3956.6	3662.5	3389.7	3083.1
52.5°	6534.7	6249.4	5937.6	5643.4	5333.3	5044.5	4773.5	4461.6	4133.8	3800.7	3458.7
55°	7640.4	7426.0	7059.1	6685.3	6270.7	5884.4	5535.3	5149.1	4750.4	4312.7	3953.0
57.5°	9371.5	9267.0	8960.4	8586.6	8046.1	7576.6	6984.7	6511.7	5934.1	5331.6	4867.3
60°	11717.4	11588.1	11416.3	11113.2	10684.4	10046.6	9394.5	8659.2	7780.3	6945.8	6153.7
62.5°	12968.4	12922.3	12782.3	12573.2	12172.8	11669.7	11012.3	10204.3	9212.1	8198.5	7188.5
63°	13005.6	12947.2	12826.6	12614.0	12261.4	11774.1	11129.2	10344.2	9373.3	8340.3	7309.0
65°	12502.4	12479.4	12357.1	12124.9	11884.0	11511.9	11012.3	10337.1	9522.1	8545.8	7519.9
67.5°	11088.4	11019.3	10831.5	10760.6	10592.3	10333.6	9952.6	9488.5	8905.5	8138.3	7252.3
70°	9378.5	9275.8	9040.1	8914.4	8708.8	8545.8	8313.6	7982.3	7622.6	7087.5	6426.6
72.5°	7565.9	7353.3	7137.2	6809.4	6522.3	6231.8	5974.7	5740.8	5345.7	5129.6	4628.2
75°	4913.5	4527.1	4156.9	3660.7	3214.2	2819.1	2434.6	2239.6	1833.9	1669.1	1433.5
77.5°	2331.8	2115.6	1825.0	1600.0	1312.9	1072.0	875.3	657.4	515.6	404.0	308.3
80°	1881.8	1699.3	1523.8	1320.0	1103.9	880.7	675.0	504.9	358.0	248.0	175.4
82.5°	1678.0	1479.5	1263.4	1123.4	976.3	799.1	655.6	535.1	395.1	288.8	196.6
85°	652.0	549.3	423.5	345.5	269.3	221.5	200.2	138.2	108.1	85.1	65.5
87.5°	56.7	46.0	37.2	24.8	26.5	14.1	15.9	10.6	8.9	8.9	7.1
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9	373.9
2.5°	391.6	389.9	388.0	384.5	384.5	381.0	379.2	377.4	368.6	349.1	333.1
5°	411.1	407.5	404.0	398.6	395.1	389.9	386.2	381.0	361.5	324.2	292.3
7.5°	439.4	432.4	427.0	416.4	411.1	404.0	398.6	389.9	358.0	301.2	256.9
10°	473.0	460.7	451.8	439.4	428.8	419.9	411.1	398.6	354.3	276.4	225.0
12.5°	513.8	499.7	481.9	467.8	453.6	441.1	428.8	412.9	349.1	255.2	200.2
15°	554.6	533.3	520.9	501.4	481.9	464.3	446.5	432.4	350.8	232.1	179.0
17.5°	600.6	579.4	552.8	531.6	510.3	487.3	466.0	437.6	342.0	214.4	163.0
20°	645.0	614.9	590.0	563.5	533.3	504.9	478.4	453.6	334.8	196.6	148.8
22.5°	692.8	657.4	625.5	591.9	554.6	522.7	490.8	458.9	322.4	180.7	136.5
25°	751.3	710.6	664.4	623.7	584.7	545.7	504.9	466.0	310.1	166.6	127.6
27.5°	822.1	769.0	722.9	671.5	616.6	567.0	522.7	480.2	297.7	156.0	118.7
30°	912.5	850.5	785.0	719.4	660.9	604.2	542.2	489.0	285.3	145.3	109.8
32.5°	1033.0	955.1	875.3	799.1	721.2	648.5	583.0	513.8	278.2	136.5	100.9
35°	1192.5	1091.5	994.0	898.3	804.5	715.8	630.8	552.8	278.2	125.8	90.3
37.5°	1343.1	1226.1	1102.2	983.3	871.8	769.0	668.0	574.1	264.0	116.9	81.5
40°	1506.2	1366.1	1220.9	1080.9	946.2	818.6	703.4	595.4	251.6	106.3	72.7
42.5°	1755.9	1578.7	1389.2	1226.1	1064.9	907.2	763.7	636.1	235.6	95.7	63.8
45°	2083.8	1858.7	1635.5	1437.0	1231.5	1038.4	868.3	710.6	232.1	86.8	54.9
47.5°	2434.6	2168.8	1906.5	1653.1	1412.2	1187.2	983.3	793.8	232.1	77.9	47.8
50°	2783.7	2450.5	2170.6	1876.4	1605.3	1339.6	1096.8	880.7	233.9	70.9	39.0
52.5°	3099.0	2742.9	2429.2	2089.0	1789.6	1481.3	1217.2	965.7	230.4	62.0	31.9
55°	3536.6	3118.5	2755.3	2379.7	2028.8	1681.5	1382.1	1093.3	232.1	54.9	26.5
57.5°	4342.9	3852.1	3414.4	2921.9	2517.9	2069.5	1706.3	1355.4	253.4	46.0	19.5
60°	5499.9	4862.1	4247.2	3646.6	3132.6	2599.3	2128.0	1715.2	297.7	37.2	14.1
62.5°	6277.8	5443.2	4709.7	4046.9	3449.8	2891.7	2377.8	1908.3	327.8	30.1	8.9
63°	6357.5	5494.6	4757.5	4073.6	3464.1	2905.9	2388.4	1922.5	329.6	28.4	8.9
65°	6508.2	5583.2	4784.1	4078.8	3449.8	2886.4	2381.4	1920.7	333.1	23.0	7.1
67.5°	6336.2	5446.8	4629.9	3926.5	3325.9	2771.2	2292.8	1849.9	331.3	15.9	5.3
70°	5666.4	4929.4	4211.8	3556.1	3010.4	2509.0	2087.3	1686.9	304.8	10.6	3.5
72.5°	4160.4	3659.0	3102.6	2629.5	2268.0	1883.5	1607.1	1266.9	235.6	7.1	1.8
75°	1233.2	1123.4	944.4	832.8	735.3	607.7	540.4	421.7	120.5	3.5	0.0
77.5°	246.3	223.3	200.2	182.5	171.9	147.1	140.0	115.2	49.6	1.8	0.0
80°	129.3	106.3	90.3	79.7	69.0	56.7	47.8	39.0	8.9	0.0	0.0
82.5°	124.1	83.3	60.3	49.6	42.5	33.6	26.5	19.5	5.3	0.0	0.0
85°	46.0	35.4	26.5	21.3	17.8	15.9	12.4	10.6	0.0	0.0	0.0
87.5°	7.1	5.3	5.3	3.5	3.5	1.8	1.8	1.8	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):**

	125°	135°	145°	155°	165°	175°	180°
0°	373.9	373.9	373.9	373.9	373.9	373.9	373.9
2.5°	317.2	302.9	295.9	287.0	287.0	285.3	288.8
5°	264.0	244.5	230.4	219.8	221.5	216.1	217.9
7.5°	223.3	203.8	191.4	184.2	182.5	180.7	180.7
10°	193.1	175.4	164.7	159.5	157.7	157.7	157.7
12.5°	171.9	154.1	145.3	141.7	141.7	140.0	140.0
15°	154.1	140.0	131.1	127.6	127.6	125.8	127.6
17.5°	140.0	125.8	118.7	115.2	115.2	113.4	113.4
20°	127.6	115.2	108.1	102.8	102.8	100.9	102.8
22.5°	116.9	104.6	95.7	92.2	90.3	88.6	90.3
25°	106.3	93.9	85.1	79.7	77.9	77.9	76.2
27.5°	97.4	85.1	74.4	69.0	67.3	67.3	65.5
30°	88.6	74.4	63.8	58.4	56.7	56.7	56.7
32.5°	79.7	63.8	54.9	49.6	47.8	47.8	47.8
35°	70.9	54.9	46.0	40.8	39.0	39.0	39.0
37.5°	60.3	46.0	35.4	31.9	30.1	28.4	28.4
40°	51.4	35.4	26.5	23.0	19.5	19.5	19.5
42.5°	42.5	28.4	19.5	14.1	12.4	10.6	12.4
45°	35.4	21.3	12.4	7.1	5.3	5.3	5.3
47.5°	28.4	14.1	5.3	1.8	1.8	1.8	1.8
50°	21.3	8.9	1.8	0.0	0.0	1.8	1.8
52.5°	15.9	5.3	0.0	0.0	0.0	0.0	0.0
55°	8.9	1.8	0.0	0.0	0.0	0.0	0.0
57.5°	5.3	0.0	0.0	0.0	0.0	0.0	0.0
60°	3.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1.8	0.0	0.0	0.0	0.0	0.0	0.0
63°	1.8	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.8	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
87.5°	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

(END OF REPORT)