

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: P163278

Luminaire Tested: **LDRL-SL2-E06-E-7050-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163278  
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-7050-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) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10949.9 lumens  
Efficiency: N/A  
Efficacy: 72.8 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

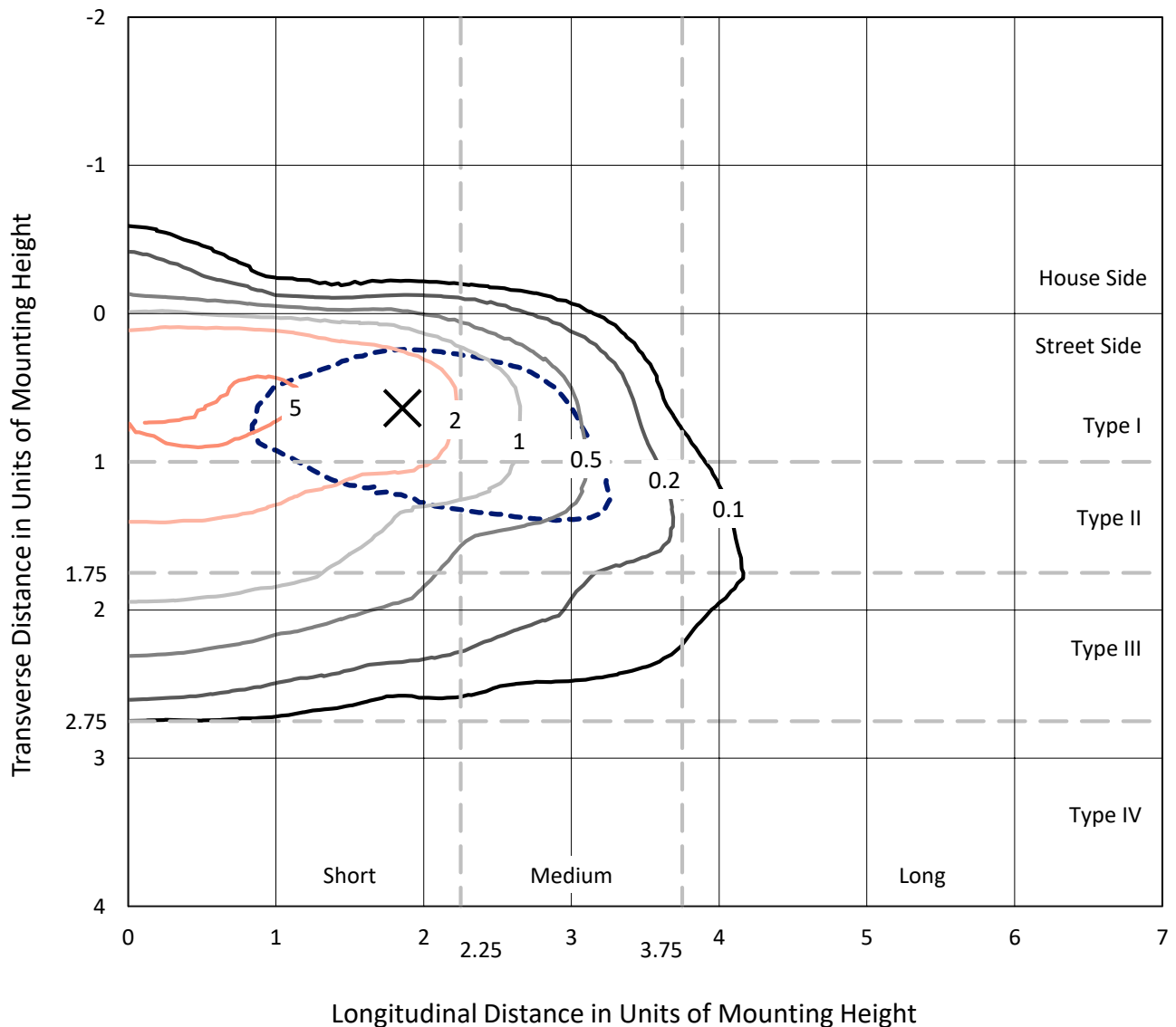


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### Iso-Footcandle Lines of Horizontal Illumination

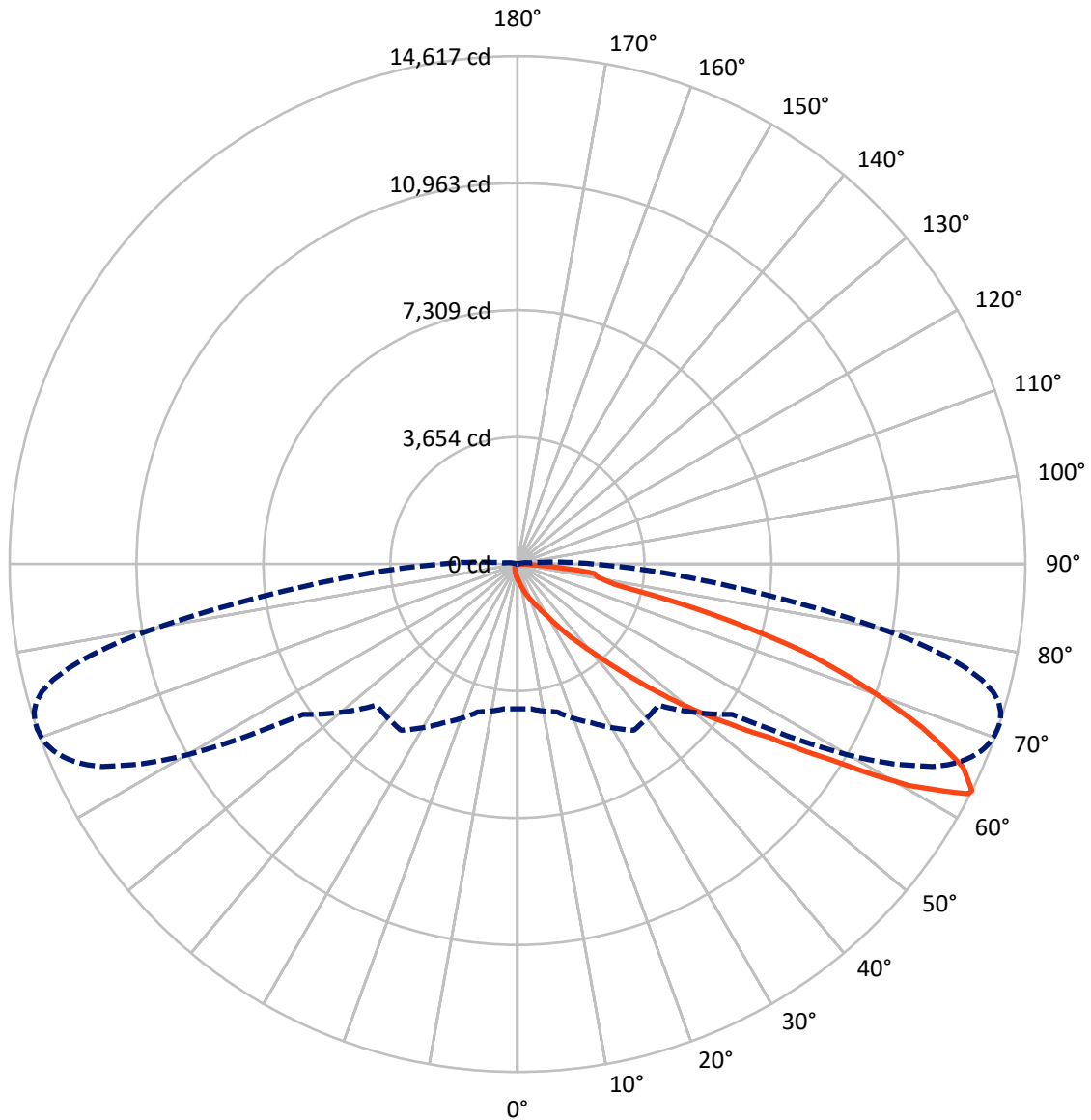
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.8 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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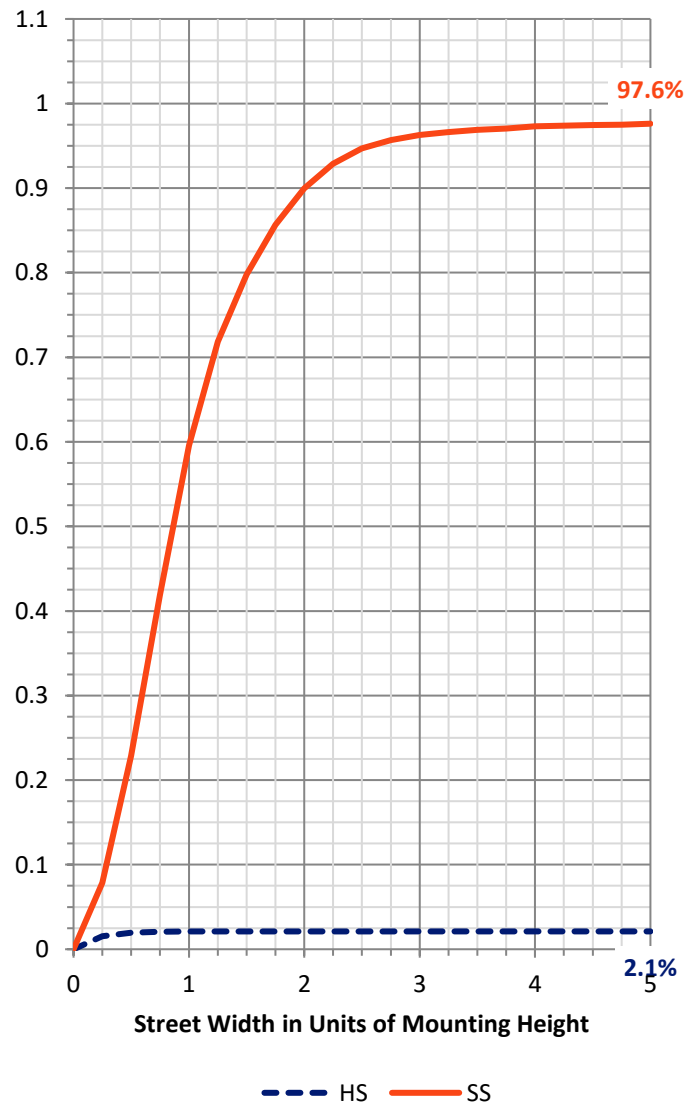
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	232.5	0.0	232.5
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	10717.4	0.0	10717.4
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	10949.9	0.0	10949.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.4	0.4
10°-20°	180.0	1.6
20°-30°	365.7	3.3
30°-40°	893.5	8.2
40°-50°	1998.2	18.2
50°-60°	2809.6	25.7
60°-70°	3303.9	30.2
70°-80°	1193.0	10.9
80°-90°	159.5	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°	10949.9	100.0
0°-180°	10949.9	100.0



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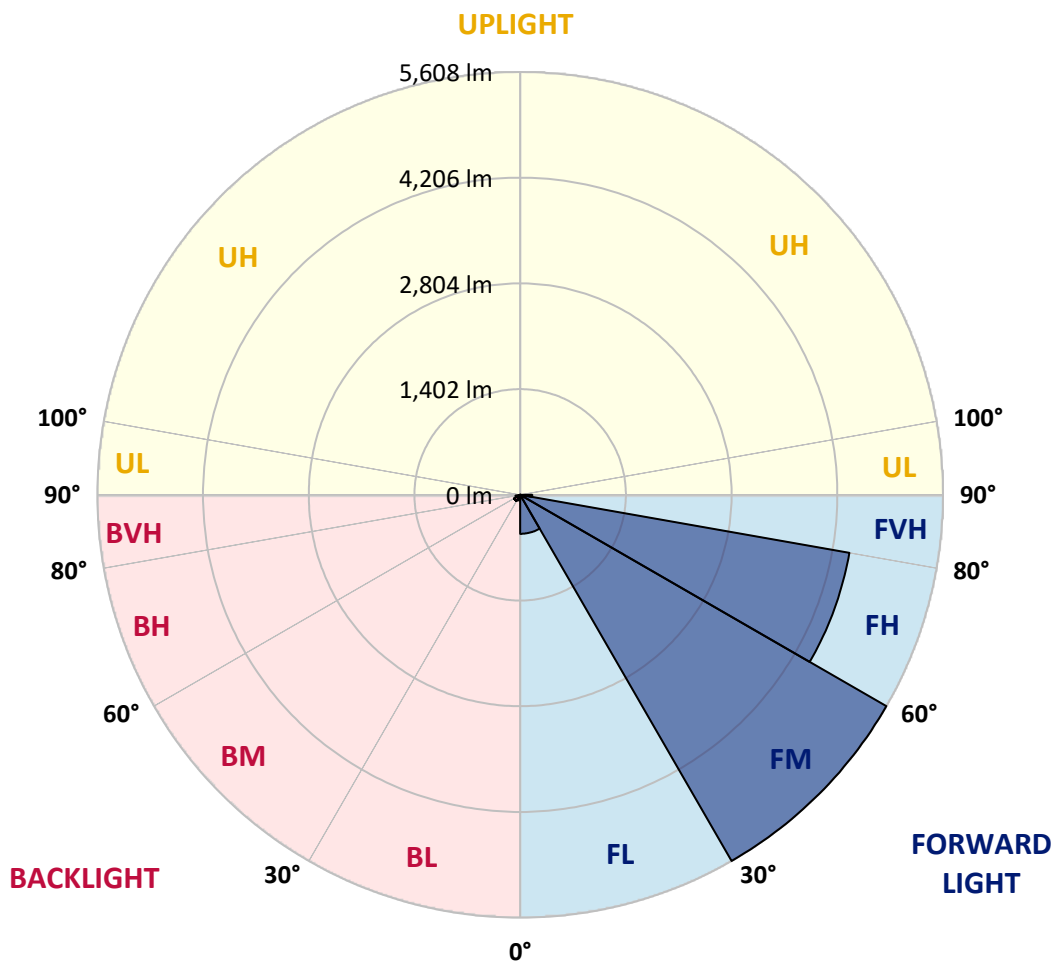
CATALOG NUMBER: LDRL-SL2-E06-E-7050-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	517.4	4.7			
FM (30°-60°)	5607.6	51.2			
FH (60°-80°)	4433.2	40.5			G2/5000
FVH (80°-90°)	159.2	1.5			G2/225
BL (0°-30°)	74.7	0.7	B0/110		
BM (30°-60°)	93.7	0.9	B0/220		
BH (60°-80°)	63.7	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°	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
2.5°	549.4	555.3	551.4	541.4	529.5	513.6	499.7	499.7	497.7	491.7	493.6
5°	720.6	722.5	714.7	690.8	668.9	635.0	597.2	593.3	589.2	583.3	581.3
7.5°	887.8	895.8	887.8	861.9	818.1	766.4	706.7	700.7	688.8	688.8	680.8
10°	1059.1	1059.1	1051.1	1021.1	981.4	907.7	832.1	822.2	808.2	804.2	792.2
12.5°	1180.5	1180.5	1176.4	1160.5	1128.6	1063.0	971.4	961.4	943.6	937.5	923.6
15°	1228.2	1228.2	1230.2	1244.1	1246.1	1216.3	1120.8	1112.7	1094.9	1078.9	1073.0
17.5°	1258.0	1256.1	1256.1	1276.0	1311.9	1331.7	1270.0	1262.1	1242.2	1234.2	1214.3
20°	1323.8	1319.7	1307.8	1307.8	1341.7	1411.3	1411.3	1409.4	1387.5	1381.5	1371.6
22.5°	1421.3	1417.4	1381.5	1351.6	1367.5	1455.2	1536.8	1532.8	1524.9	1516.9	1510.8
25°	1580.5	1566.6	1504.9	1417.4	1403.3	1496.9	1632.4	1642.2	1648.3	1648.3	1652.2
27.5°	1821.4	1803.5	1694.1	1530.8	1469.1	1564.6	1737.8	1757.7	1775.7	1779.6	1797.5
30°	2155.8	2124.0	1966.8	1727.9	1586.6	1664.1	1893.0	1915.0	1940.8	1948.8	1976.6
32.5°	2705.2	2687.4	2536.0	2177.7	1875.2	1859.3	2110.0	2138.0	2171.8	2185.7	2219.6
35°	3541.3	3545.4	3421.9	3099.4	2681.3	2462.4	2498.2	2522.1	2534.1	2575.8	2593.8
37.5°	4108.7	4118.5	4146.5	4019.0	3720.5	3497.6	3216.8	3242.7	3181.0	3187.0	3189.0
40°	4419.2	4451.0	4614.3	4737.7	4713.8	4584.4	4359.5	4373.4	4257.9	4232.1	4106.6
42.5°	4626.2	4668.0	4928.8	5311.0	5506.1	5623.5	5571.8	5565.8	5476.2	5442.3	5336.8
45°	4755.6	4793.4	5121.8	5685.3	6135.1	6477.5	6618.9	6634.8	6559.2	6525.3	6437.6
47.5°	4749.6	4793.4	5145.7	5824.5	6487.5	7034.8	7433.0	7452.9	7498.7	7468.9	7474.8
50°	4486.8	4528.7	4882.9	5587.6	6383.9	7289.7	8018.3	8081.9	8155.6	8205.3	8229.2
52.5°	4168.4	4198.2	4512.7	5181.5	5942.0	7184.2	8364.6	8474.1	8583.6	8677.2	8742.8
55°	4050.9	4084.8	4331.6	4887.0	5587.6	6742.3	8525.8	8687.1	8842.4	8995.6	9121.1
57.5°	4112.6	4144.5	4321.6	4747.6	5376.7	6276.4	8571.6	8822.5	9077.2	9326.1	9572.9
60°	4339.6	4373.4	4524.6	4877.0	5320.9	6007.6	8392.5	8808.5	9232.5	9666.5	10074.6
62.5°	4249.9	4264.0	4486.8	5104.0	5719.0	5778.7	7741.6	8322.8	8969.7	9638.6	10297.5
63°	4164.3	4180.4	4407.3	5042.3	5840.6	5745.0	7540.5	8153.6	8836.4	9556.9	10273.6
65°	3776.2	3778.2	3951.4	4453.0	5705.1	5804.7	6644.7	7230.0	8014.2	8878.2	9783.9
67.5°	2818.8	2804.8	2972.1	3354.3	4479.0	5806.7	5703.1	6031.5	6577.0	7343.4	8155.6
70°	999.3	977.4	1248.1	1777.7	2790.8	4749.6	4900.9	4922.8	5074.1	5488.1	5997.8
72.5°	324.5	330.5	398.1	650.9	1286.0	3196.9	4437.1	4369.4	4329.6	4327.6	4395.3
75°	129.4	131.4	159.2	288.6	577.2	1540.8	3885.7	3923.5	3937.4	3957.4	3979.3
77.5°	61.7	67.7	89.5	161.2	286.7	762.4	2781.0	3101.3	3284.6	3425.9	3511.5
80°	21.9	25.9	49.7	99.5	133.4	350.3	1465.2	1767.7	2036.4	2382.7	2681.3
82.5°	0.0	0.0	10.0	69.7	73.6	141.4	601.1	704.7	806.1	1045.0	1341.7
85°	0.0	0.0	0.0	19.9	21.9	23.9	203.0	244.8	274.7	320.5	370.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.9	11.9	29.8	45.8
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°	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
2.5°	489.7	487.7	487.7	483.7	481.7	477.8	475.8	469.8	467.8	467.8	467.8
5°	579.2	571.3	567.3	557.4	551.4	549.4	539.4	535.5	529.5	531.4	521.6
7.5°	678.8	664.9	658.9	645.0	641.0	627.0	623.1	613.1	607.2	595.2	591.2
10°	788.3	770.3	760.5	738.5	732.5	722.5	710.6	698.7	688.8	676.9	670.8
12.5°	913.6	897.8	889.8	860.0	846.0	832.1	816.1	800.2	784.4	774.4	760.5
15°	1061.0	1035.2	1027.2	999.3	975.5	957.5	935.6	915.7	903.8	883.8	869.9
17.5°	1206.3	1180.5	1174.4	1132.7	1106.8	1094.9	1071.0	1045.0	1023.2	1003.3	981.4
20°	1351.6	1333.8	1317.8	1278.0	1250.2	1230.2	1198.3	1172.5	1154.6	1126.7	1098.8
22.5°	1496.9	1479.1	1467.1	1425.3	1399.4	1371.6	1343.6	1315.8	1289.9	1256.1	1224.2
25°	1646.3	1634.3	1628.3	1590.5	1566.6	1540.8	1512.9	1481.0	1449.1	1411.3	1377.5
27.5°	1801.6	1805.5	1793.6	1785.5	1759.7	1741.8	1698.0	1676.1	1652.2	1606.4	1564.6
30°	1998.6	2010.5	2006.6	2012.5	1996.6	1984.7	1950.8	1923.0	1895.1	1851.3	1803.5
32.5°	2247.4	2263.3	2271.3	2293.2	2285.2	2281.3	2271.3	2231.5	2211.6	2136.0	2116.0
35°	2631.6	2623.6	2657.4	2675.4	2667.4	2663.5	2651.5	2629.6	2605.7	2551.9	2502.2
37.5°	3131.3	3139.3	3151.2	3115.4	3091.5	3089.4	3053.6	3031.8	2997.9	2938.2	2878.5
40°	4046.9	3997.1	3941.5	3790.1	3724.5	3686.6	3581.2	3551.3	3493.5	3411.9	3350.2
42.5°	5237.3	5187.6	5020.4	4767.6	4632.1	4445.1	4359.5	4254.0	4172.3	4039.0	3967.3
45°	6419.8	6276.4	6256.5	5962.0	5794.7	5547.9	5394.6	5217.4	5032.3	4857.1	4729.8
47.5°	7417.0	7385.3	7287.7	7108.6	6953.3	6746.2	6549.2	6276.4	6085.3	5836.5	5607.6
50°	8215.3	8213.3	8177.5	8073.9	7944.6	7777.4	7604.2	7373.3	7156.3	6851.7	6606.9
52.5°	8812.5	8844.4	8856.3	8824.4	8774.7	8627.4	8539.7	8346.7	8163.6	7904.7	7640.0
55°	9250.5	9367.9	9427.7	9495.3	9481.3	9429.6	9425.6	9300.2	9216.6	9011.6	8824.4
57.5°	9791.9	9984.9	10170.1	10498.5	10510.5	10626.0	10685.7	10745.4	10761.3	10679.7	10618.0
60°	10480.7	10874.8	11225.1	11911.9	12091.0	12373.7	12556.8	12755.9	12925.1	12939.0	12935.1
62.5°	10966.3	11573.5	12138.8	13158.1	13506.4	13832.8	14077.6	14270.8	14388.2	14507.6	14563.4
63°	10980.2	11645.1	12246.3	13297.3	13663.7	13974.2	14207.0	14386.2	14509.7	14581.4	14617.2
65°	10643.8	11450.1	12166.7	13213.7	13558.1	13870.6	13992.1	14109.5	14169.2	14197.1	14091.7
67.5°	9021.6	9809.9	10645.8	11816.3	12111.0	12485.2	12584.8	12644.5	12672.3	12666.3	12576.8
70°	6746.2	7407.2	8336.7	9674.4	10064.6	10430.8	10657.7	10755.4	10787.2	10777.2	10643.8
72.5°	4709.8	5097.9	5864.4	7353.4	7884.9	8354.7	8635.3	8780.6	8810.5	8750.8	8627.4
75°	3955.4	3975.3	4148.5	4962.6	5460.3	5962.0	6278.4	6370.0	6310.3	6129.2	5814.6
77.5°	3531.3	3575.2	3575.2	3696.6	3794.1	3933.5	3963.4	3740.4	3481.6	3147.1	2876.5
80°	2962.1	3115.4	3222.9	3312.4	3322.4	3294.5	3220.8	3095.4	2896.3	2641.6	2358.9
82.5°	1799.6	2102.1	2225.5	2687.4	2914.3	3067.6	3055.7	2888.4	2737.1	2472.4	2231.5
85°	453.9	489.7	531.4	690.8	774.4	945.5	1053.0	1102.8	1120.8	1029.1	931.6
87.5°	43.8	29.8	49.7	37.8	53.7	39.8	53.7	49.7	61.7	65.6	71.7
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°	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
2.5°	463.8	461.9	459.8	457.8	455.8	453.9	449.9	449.9	445.9	443.9	441.9
5°	515.6	511.6	509.6	505.6	499.7	495.6	489.7	481.7	475.8	473.8	469.8
7.5°	581.3	571.3	567.3	561.4	553.4	541.4	533.5	527.5	517.5	511.6	499.7
10°	654.9	645.0	633.0	621.1	609.1	595.2	585.2	577.2	561.4	553.4	539.4
12.5°	748.5	730.5	716.6	700.7	684.7	668.9	656.9	633.0	619.1	601.1	589.2
15°	844.1	828.1	812.2	792.2	768.3	742.5	730.5	708.6	690.8	662.8	646.9
17.5°	959.4	929.7	905.8	881.9	860.0	836.1	812.2	778.3	752.5	728.6	696.7
20°	1073.0	1037.1	1011.3	979.4	947.5	909.7	881.9	858.0	822.2	790.3	756.4
22.5°	1194.4	1158.6	1116.7	1084.9	1041.1	1011.3	973.4	933.6	897.8	856.0	814.2
25°	1341.7	1303.9	1256.1	1214.3	1164.5	1122.7	1076.9	1031.1	987.4	939.6	885.8
27.5°	1522.8	1483.0	1431.3	1381.5	1315.8	1264.1	1220.2	1158.6	1102.8	1043.1	981.4
30°	1751.8	1708.0	1644.3	1572.7	1506.9	1449.1	1387.5	1305.8	1244.1	1172.5	1092.8
32.5°	2050.3	1998.6	1913.0	1845.3	1763.8	1688.0	1602.4	1520.8	1433.3	1339.7	1248.1
35°	2426.6	2378.8	2279.3	2179.7	2090.2	2000.5	1893.0	1799.6	1676.1	1562.7	1445.2
37.5°	2816.8	2731.1	2639.6	2532.1	2420.5	2313.0	2181.7	2052.4	1911.0	1787.6	1640.3
40°	3262.6	3159.1	3083.5	2968.0	2810.7	2657.4	2536.0	2374.9	2197.7	2032.4	1859.3
42.5°	3873.8	3758.3	3622.9	3447.7	3334.3	3155.2	2997.9	2806.8	2573.8	2388.8	2179.7
45°	4580.4	4423.2	4291.8	4122.6	3985.2	3762.3	3579.1	3324.3	3091.5	2848.6	2593.8
47.5°	5386.7	5191.5	5000.4	4833.2	4614.3	4395.3	4162.4	3891.7	3593.1	3326.3	3023.8
50°	6312.3	6035.6	5770.9	5555.9	5255.3	5002.4	4749.6	4445.1	4114.6	3808.1	3463.7
52.5°	7341.4	7020.9	6670.6	6340.1	5991.8	5667.3	5362.8	5012.4	4644.1	4269.9	3885.7
55°	8583.6	8342.7	7930.6	7510.6	7044.8	6610.9	6218.7	5784.8	5336.8	4845.1	4441.0
57.5°	10528.5	10411.0	10066.6	9646.6	9039.4	8511.9	7847.0	7315.6	6666.6	5989.8	5468.2
60°	13164.0	13018.7	12825.6	12485.2	12003.5	11286.8	10554.3	9728.2	8740.8	7803.3	6913.4
62.5°	14569.4	14517.6	14360.3	14125.4	13675.6	13110.3	12371.8	11464.0	10349.3	9210.6	8075.9
63°	14611.2	14545.5	14410.1	14171.2	13775.1	13227.6	12503.1	11621.3	10530.4	9369.9	8211.3
65°	14045.9	14020.0	13882.6	13621.8	13351.2	12933.1	12371.8	11613.3	10697.6	9600.8	8448.3
67.5°	12457.3	12379.6	12168.7	12089.0	11899.9	11609.3	11181.3	10659.8	10004.9	9143.0	8147.6
70°	10536.3	10421.0	10156.1	10014.9	9783.9	9600.8	9340.0	8967.8	8563.6	7962.5	7220.0
72.5°	8500.0	8261.1	8018.3	7650.0	7327.5	7001.1	6712.3	6449.6	6005.7	5762.9	5199.5
75°	5520.0	5086.0	4670.1	4112.6	3611.0	3167.1	2735.1	2516.1	2060.3	1875.2	1610.5
77.5°	2619.6	2376.8	2050.3	1797.5	1475.0	1204.4	983.3	738.5	579.2	453.9	346.4
80°	2114.1	1909.0	1711.9	1483.0	1240.2	989.4	758.4	567.3	402.2	278.6	197.0
82.5°	1885.2	1662.2	1419.4	1262.1	1096.9	897.8	736.6	601.1	443.9	324.5	220.9
85°	732.5	617.1	475.8	388.1	302.5	248.9	225.0	155.3	121.4	95.6	73.6
87.5°	63.7	51.7	41.7	27.8	29.8	15.9	17.9	11.9	10.0	10.0	8.0
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0
2.5°	440.0	438.0	435.9	431.9	431.9	428.0	426.0	423.9	414.1	392.2	374.2
5°	461.9	457.8	453.9	447.8	443.9	438.0	433.9	428.0	406.1	364.2	328.4
7.5°	493.6	485.8	479.7	467.8	461.9	453.9	447.8	438.0	402.2	338.4	288.6
10°	531.4	517.5	507.6	493.6	481.7	471.7	461.9	447.8	398.1	310.5	252.8
12.5°	577.2	561.4	541.4	525.5	509.6	495.6	481.7	463.8	392.2	286.7	225.0
15°	623.1	599.2	585.2	563.3	541.4	521.6	501.6	485.8	394.1	260.8	201.1
17.5°	674.8	650.9	621.1	597.2	573.3	547.4	523.6	491.7	384.2	240.8	183.1
20°	724.6	690.8	662.8	633.0	599.2	567.3	537.5	509.6	376.2	220.9	167.2
22.5°	778.3	738.5	702.7	664.9	623.1	587.2	551.4	515.6	362.3	203.0	153.3
25°	844.1	798.3	746.4	700.7	656.9	613.1	567.3	523.6	348.3	187.2	143.3
27.5°	923.6	863.9	812.2	754.4	692.7	637.0	587.2	539.4	334.4	175.2	133.4
30°	1025.2	955.5	881.9	808.2	742.5	678.8	609.1	549.4	320.5	163.3	123.4
32.5°	1160.5	1073.0	983.3	897.8	810.2	728.6	654.9	577.2	312.5	153.3	113.4
35°	1339.7	1226.3	1116.7	1009.2	903.8	804.2	708.6	621.1	312.5	141.4	101.5
37.5°	1508.9	1377.5	1238.2	1104.7	979.4	863.9	750.5	645.0	296.6	131.4	91.6
40°	1692.1	1534.7	1371.6	1214.3	1063.0	919.7	790.3	668.9	282.7	119.4	81.6
42.5°	1972.7	1773.6	1560.7	1377.5	1196.4	1019.2	858.0	714.7	264.7	107.5	71.7
45°	2341.0	2088.2	1837.4	1614.4	1383.5	1166.6	975.5	798.3	260.8	97.5	61.7
47.5°	2735.1	2436.5	2141.9	1857.2	1586.6	1333.8	1104.7	891.8	260.8	87.5	53.7
50°	3127.3	2753.0	2438.5	2108.0	1803.5	1504.9	1232.2	989.4	262.8	79.7	43.8
52.5°	3481.6	3081.5	2729.1	2346.9	2010.5	1664.1	1367.5	1084.9	258.8	69.7	35.8
55°	3973.2	3503.5	3095.4	2673.5	2279.3	1889.1	1552.7	1228.2	260.8	61.7	29.8
57.5°	4879.0	4327.6	3836.0	3282.6	2828.7	2325.0	1916.9	1522.8	284.7	51.7	21.9
60°	6178.9	5462.3	4771.5	4096.7	3519.4	2920.2	2390.7	1926.9	334.4	41.7	15.9
62.5°	7052.8	6115.1	5291.1	4546.6	3875.7	3248.7	2671.4	2143.9	368.3	33.9	10.0
63°	7142.3	6172.9	5344.8	4576.5	3891.7	3264.6	2683.3	2159.9	370.3	31.9	10.0
65°	7311.6	6272.5	5374.7	4582.4	3875.7	3242.7	2675.4	2157.8	374.2	25.9	8.0
67.5°	7118.4	6119.2	5201.5	4411.2	3736.5	3113.3	2575.8	2078.2	372.2	17.9	5.9
70°	6366.0	5537.9	4731.7	3995.2	3382.1	2818.8	2344.9	1895.1	342.4	11.9	3.9
72.5°	4674.0	4110.7	3485.6	2954.1	2548.0	2116.0	1805.5	1423.3	264.7	8.0	2.0
75°	1385.5	1262.1	1061.0	935.6	826.1	682.8	607.2	473.8	135.3	3.9	0.0
77.5°	276.7	250.8	225.0	205.0	193.1	165.2	157.2	129.4	55.8	2.0	0.0
80°	145.3	119.4	101.5	89.5	77.6	63.7	53.7	43.8	10.0	0.0	0.0
82.5°	139.4	93.6	67.7	55.8	47.8	37.8	29.8	21.9	5.9	0.0	0.0
85°	51.7	39.8	29.8	23.9	19.9	17.9	13.9	11.9	0.0	0.0	0.0
87.5°	8.0	5.9	5.9	3.9	3.9	2.0	2.0	2.0	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):**

	125°	135°	145°	155°	165°	175°	180°
0°	420.0	420.0	420.0	420.0	420.0	420.0	420.0
2.5°	356.3	340.3	332.5	322.5	322.5	320.5	324.5
5°	296.6	274.7	258.8	246.9	248.9	242.8	244.8
7.5°	250.8	228.9	215.0	207.0	205.0	203.0	203.0
10°	217.0	197.0	185.1	179.2	177.2	177.2	177.2
12.5°	193.1	173.1	163.3	159.2	159.2	157.2	157.2
15°	173.1	157.2	147.3	143.3	143.3	141.4	143.3
17.5°	157.2	141.4	133.4	129.4	129.4	127.4	127.4
20°	143.3	129.4	121.4	115.5	115.5	113.4	115.5
22.5°	131.4	117.5	107.5	103.6	101.5	99.5	101.5
25°	119.4	105.5	95.6	89.5	87.5	87.5	85.6
27.5°	109.5	95.6	83.6	77.6	75.6	75.6	73.6
30°	99.5	83.6	71.7	65.6	63.7	63.7	63.7
32.5°	89.5	71.7	61.7	55.8	53.7	53.7	53.7
35°	79.7	61.7	51.7	45.8	43.8	43.8	43.8
37.5°	67.7	51.7	39.8	35.8	33.9	31.9	31.9
40°	57.7	39.8	29.8	25.9	21.9	21.9	21.9
42.5°	47.8	31.9	21.9	15.9	13.9	11.9	13.9
45°	39.8	23.9	13.9	8.0	5.9	5.9	5.9
47.5°	31.9	15.9	5.9	2.0	2.0	2.0	2.0
50°	23.9	10.0	2.0	0.0	0.0	2.0	2.0
52.5°	17.9	5.9	0.0	0.0	0.0	0.0	0.0
55°	10.0	2.0	0.0	0.0	0.0	0.0	0.0
57.5°	5.9	0.0	0.0	0.0	0.0	0.0	0.0
60°	3.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.0	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.0	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)