

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: P163277

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163277  
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-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) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10671.3 lumens  
Efficiency: N/A  
Efficacy: 70.9 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

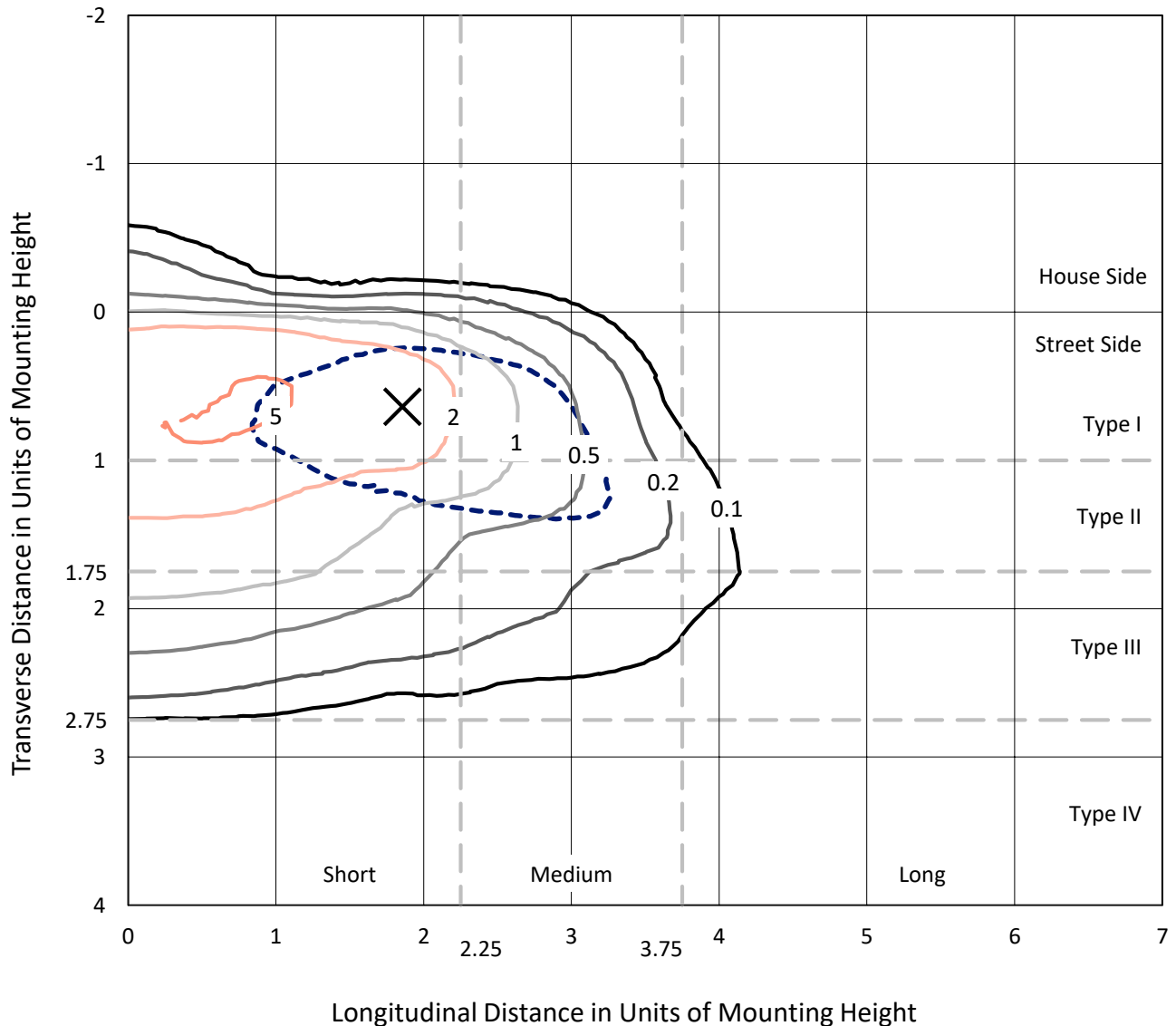
Input Watts (W): 150.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

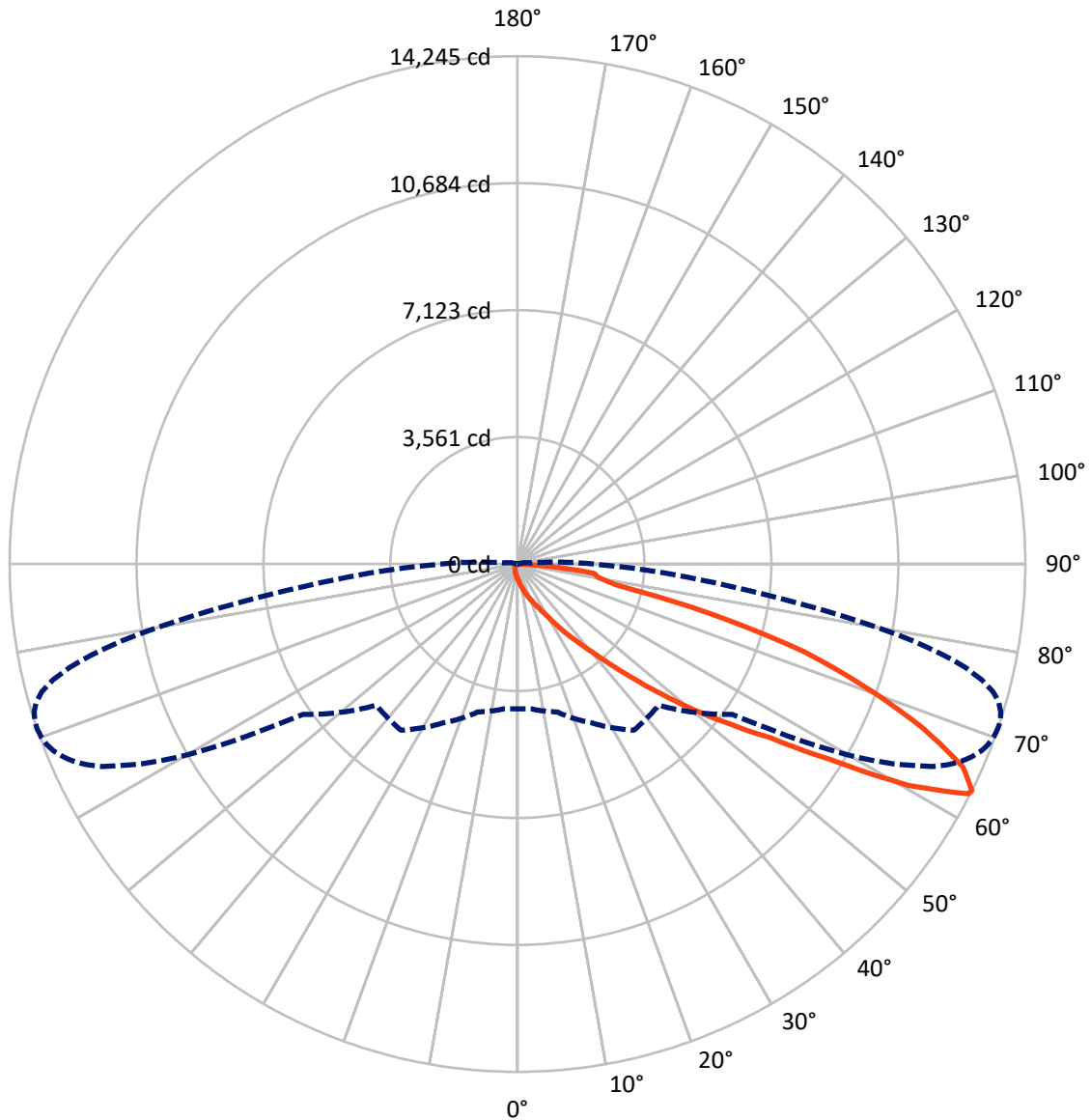
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.6 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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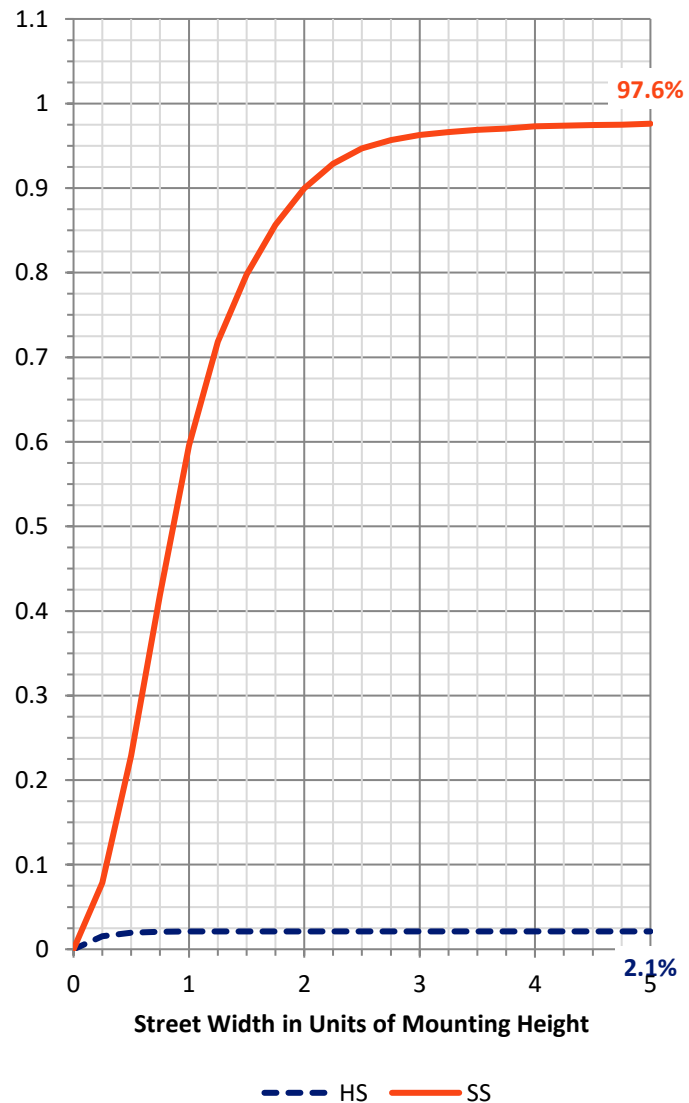
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	226.6	0.0	226.6
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	10444.7	0.0	10444.7
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	10671.3	0.0	10671.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.2	0.4
10°-20°	175.5	1.6
20°-30°	356.4	3.3
30°-40°	870.7	8.2
40°-50°	1947.3	18.2
50°-60°	2738.2	25.7
60°-70°	3219.9	30.2
70°-80°	1162.7	10.9
80°-90°	155.5	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°	10671.3	100.0
0°-180°	10671.3	100.0



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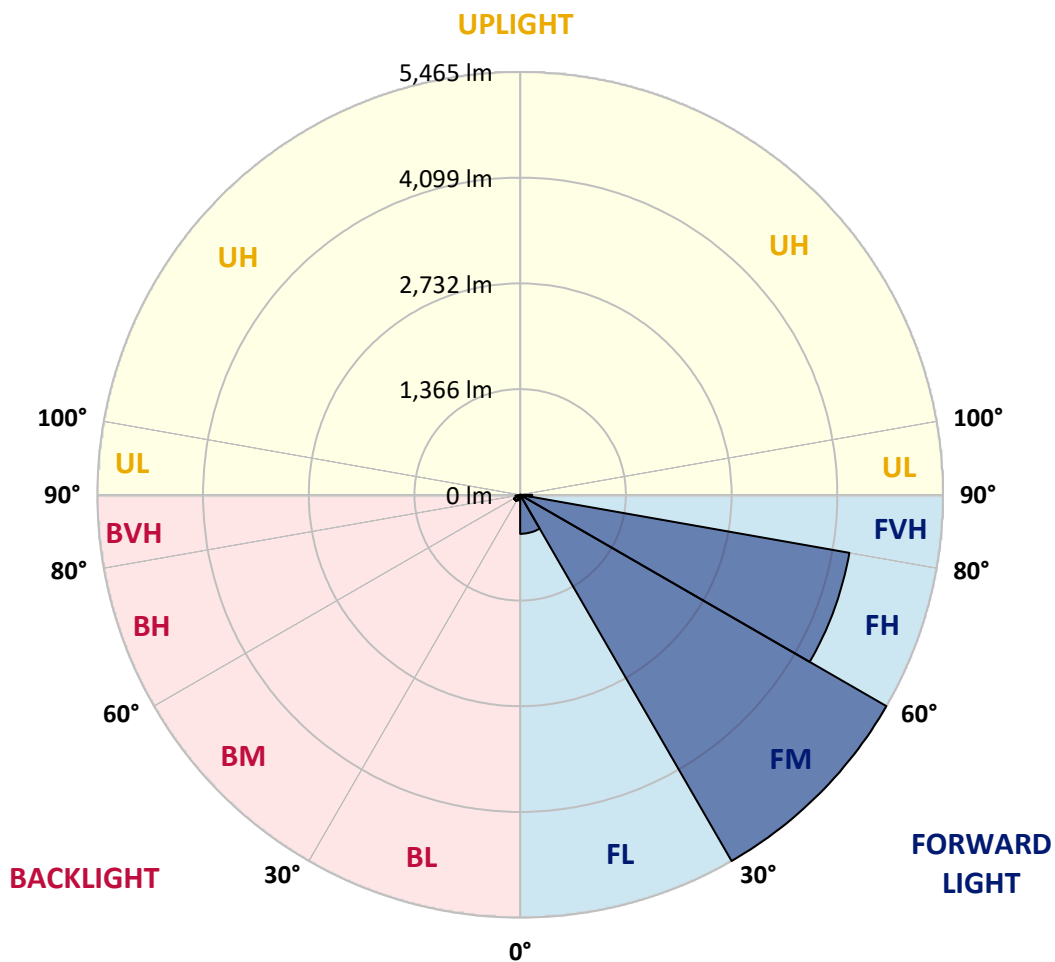
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.3	4.7			
FM	(30°-60°)	5464.9	51.2			
FH	(60°-80°)	4320.4	40.5			G2/5000
FVH	(80°-90°)	155.1	1.5			G2/225
BL	(0°-30°)	72.8	0.7	B0/110		
BM	(30°-60°)	91.3	0.9	B0/220		
BH	(60°-80°)	62.1	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°	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3
2.5°	535.4	541.2	537.4	527.6	516.0	500.5	487.0	487.0	485.0	479.2	481.1
5°	702.2	704.2	696.5	673.2	651.8	618.8	582.0	578.2	574.2	568.4	566.5
7.5°	865.2	873.0	865.2	840.0	797.3	746.9	688.7	682.9	671.3	671.3	663.5
10°	1032.1	1032.1	1024.3	995.2	956.4	884.6	811.0	801.2	787.7	783.7	772.1
12.5°	1150.4	1150.4	1146.5	1131.0	1099.9	1036.0	946.7	937.0	919.6	913.7	900.1
15°	1197.0	1197.0	1198.9	1212.5	1214.4	1185.4	1092.2	1084.4	1067.0	1051.4	1045.7
17.5°	1226.0	1224.1	1224.1	1243.6	1278.5	1297.8	1237.7	1230.0	1210.6	1202.8	1183.4
20°	1290.1	1286.2	1274.5	1274.5	1307.5	1375.4	1375.4	1373.5	1352.2	1346.4	1336.7
22.5°	1385.2	1381.3	1346.4	1317.2	1332.7	1418.2	1497.7	1493.8	1486.1	1478.3	1472.4
25°	1540.3	1526.8	1466.6	1381.3	1367.6	1458.8	1590.8	1600.4	1606.3	1606.3	1610.2
27.5°	1775.0	1757.6	1651.0	1491.8	1431.7	1524.8	1693.6	1713.0	1730.5	1734.4	1751.8
30°	2101.0	2070.0	1916.8	1684.0	1546.2	1621.8	1844.9	1866.2	1891.4	1899.2	1926.4
32.5°	2636.4	2619.0	2471.5	2122.3	1827.5	1812.0	2056.3	2083.6	2116.6	2130.1	2163.1
35°	3451.2	3455.2	3334.8	3020.5	2613.1	2399.8	2434.7	2458.0	2469.6	2510.3	2527.8
37.5°	4004.2	4013.8	4041.0	3916.8	3625.8	3408.6	3135.0	3160.2	3100.1	3106.0	3107.9
40°	4306.8	4337.8	4496.9	4617.1	4593.8	4467.7	4248.6	4262.2	4149.6	4124.4	4002.1
42.5°	4508.5	4549.2	4803.4	5175.8	5366.0	5480.4	5430.0	5424.2	5336.9	5303.9	5201.0
45°	4634.6	4671.5	4991.5	5540.6	5979.0	6312.7	6450.5	6466.0	6392.3	6359.3	6273.8
47.5°	4628.8	4671.5	5014.8	5676.4	6322.4	6855.8	7243.9	7263.2	7307.9	7278.8	7284.6
50°	4372.7	4413.5	4758.7	5445.5	6221.5	7104.2	7814.3	7876.3	7948.1	7996.6	8019.8
52.5°	4062.4	4091.4	4397.9	5049.7	5790.8	7001.4	8151.8	8258.5	8365.2	8456.4	8520.4
55°	3947.9	3980.9	4221.4	4762.7	5445.5	6570.7	8308.9	8466.1	8617.4	8766.7	8889.0
57.5°	4008.0	4039.1	4211.6	4626.8	5239.9	6116.8	8353.6	8598.0	8846.3	9088.8	9329.4
60°	4229.2	4262.2	4409.5	4753.0	5185.6	5854.8	8179.0	8584.4	8997.6	9420.6	9818.3
62.5°	4141.8	4155.5	4372.7	4974.1	5573.5	5631.7	7544.6	8111.0	8741.5	9393.4	10035.5
63°	4058.4	4074.0	4295.2	4914.0	5692.0	5598.8	7348.7	7946.2	8611.6	9313.8	10012.2
65°	3680.2	3682.1	3850.9	4339.7	5560.0	5657.0	6475.7	7046.0	7810.3	8652.4	9535.0
67.5°	2747.0	2733.5	2896.4	3268.9	4365.0	5659.0	5558.0	5878.1	6409.7	7156.6	7948.1
70°	973.9	952.6	1216.3	1732.4	2719.8	4628.8	4776.2	4797.6	4945.0	5348.5	5845.2
72.5°	316.2	322.1	388.0	634.3	1253.3	3115.6	4324.2	4258.2	4219.4	4217.5	4283.5
75°	126.1	128.0	155.2	281.3	562.6	1501.6	3786.8	3823.7	3837.2	3856.7	3878.0
77.5°	60.1	66.0	87.2	157.1	279.4	743.0	2710.2	3022.4	3201.0	3338.8	3422.2
80°	21.4	25.2	48.5	97.0	130.0	341.4	1427.9	1722.7	1984.6	2322.1	2613.1
82.5°	0.0	0.0	9.7	67.9	71.8	137.8	585.8	686.8	785.6	1018.4	1307.5
85°	0.0	0.0	0.0	19.4	21.4	23.3	197.9	238.6	267.7	312.4	360.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	5.8	11.6	29.0	44.6
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°	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3
2.5°	477.2	475.3	475.3	471.4	469.4	465.6	463.7	457.8	455.9	455.9	455.9
5°	564.5	556.8	552.8	543.2	537.4	535.4	525.7	521.9	516.0	517.9	508.3
7.5°	661.6	648.0	642.1	628.6	624.7	611.0	607.2	597.5	591.7	580.1	576.1
10°	768.2	750.7	741.1	719.8	713.9	704.2	692.5	680.9	671.3	659.6	653.8
12.5°	890.4	874.9	867.1	838.1	824.5	811.0	795.4	779.9	764.4	754.7	741.1
15°	1034.0	1008.8	1001.0	973.9	950.6	933.1	911.8	892.4	880.8	861.4	847.8
17.5°	1175.6	1150.4	1144.6	1103.9	1078.7	1067.0	1043.8	1018.4	997.2	977.8	956.4
20°	1317.2	1299.8	1284.2	1245.5	1218.4	1198.9	1167.8	1142.6	1125.2	1098.0	1070.9
22.5°	1458.8	1441.4	1429.8	1389.0	1363.8	1336.7	1309.4	1282.3	1257.1	1224.1	1193.0
25°	1604.4	1592.8	1586.9	1550.0	1526.8	1501.6	1474.4	1443.4	1412.3	1375.4	1342.4
27.5°	1755.7	1759.6	1747.9	1740.1	1714.9	1697.5	1654.8	1633.4	1610.2	1565.5	1524.8
30°	1947.7	1959.4	1955.5	1961.3	1945.8	1934.2	1901.2	1874.0	1846.9	1804.2	1757.6
32.5°	2190.2	2205.7	2213.5	2234.9	2227.1	2223.2	2213.5	2174.8	2155.3	2081.6	2062.2
35°	2564.6	2556.8	2589.8	2607.4	2599.6	2595.7	2584.1	2562.7	2539.4	2487.0	2438.5
37.5°	3051.6	3059.4	3071.0	3036.1	3012.8	3010.8	2975.9	2954.6	2921.6	2863.4	2805.2
40°	3943.9	3895.4	3841.2	3693.7	3629.8	3592.8	3490.1	3460.9	3404.6	3325.1	3265.0
42.5°	5104.1	5055.6	4892.6	4646.3	4514.3	4332.0	4248.6	4145.8	4066.2	3936.2	3866.4
45°	6256.4	6116.8	6097.3	5810.3	5647.3	5406.7	5257.3	5084.6	4904.3	4733.5	4609.4
47.5°	7228.3	7197.4	7102.3	6927.7	6776.4	6574.6	6382.6	6116.8	5930.5	5688.0	5464.9
50°	8006.3	8004.4	7969.4	7868.5	7742.5	7579.6	7410.7	7185.7	6974.3	6677.4	6438.8
52.5°	8588.3	8619.4	8631.0	8599.9	8551.4	8407.9	8322.5	8134.3	7955.9	7703.6	7445.6
55°	9015.1	9129.6	9187.8	9253.7	9240.1	9189.7	9185.8	9063.6	8982.1	8782.3	8599.9
57.5°	9542.8	9730.9	9911.4	10231.4	10243.1	10355.6	10413.8	10472.0	10487.5	10408.0	10347.8
60°	10214.0	10598.2	10939.6	11608.8	11783.4	12058.9	12237.4	12431.4	12596.3	12609.8	12606.0
62.5°	10687.3	11279.0	11830.0	12823.3	13162.8	13480.9	13719.5	13907.8	14022.1	14138.5	14192.9
63°	10700.9	11348.9	11934.7	12959.0	13316.0	13618.7	13845.6	14020.2	14140.6	14210.4	14245.3
65°	10373.0	11158.8	11857.2	12877.6	13213.2	13517.8	13636.1	13750.6	13808.8	13835.9	13733.2
67.5°	8792.0	9560.3	10375.0	11515.7	11802.8	12167.5	12264.6	12322.8	12349.9	12344.0	12256.8
70°	6574.6	7218.7	8124.6	9428.3	9808.6	10165.4	10386.6	10481.8	10512.7	10503.0	10373.0
72.5°	4590.0	4968.2	5715.2	7166.3	7684.3	8142.1	8415.6	8557.2	8586.4	8528.2	8407.9
75°	3854.8	3874.2	4042.9	4836.4	5321.4	5810.3	6118.7	6208.0	6149.8	5973.2	5666.6
77.5°	3441.5	3484.2	3484.2	3602.5	3697.6	3833.4	3862.6	3645.2	3393.0	3067.1	2803.3
80°	2886.7	3036.1	3140.9	3228.1	3237.8	3210.7	3138.8	3016.7	2822.6	2574.4	2298.8
82.5°	1753.8	2048.6	2168.9	2619.0	2840.2	2989.6	2977.9	2815.0	2667.5	2409.5	2174.8
85°	442.3	477.2	517.9	673.2	754.7	921.5	1026.2	1074.7	1092.2	1003.0	907.9
87.5°	42.7	29.0	48.5	36.8	52.3	38.8	52.3	48.5	60.1	64.0	69.8
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°	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3
2.5°	452.0	450.1	448.1	446.2	444.2	442.3	438.5	438.5	434.5	432.6	430.7
5°	502.4	498.6	496.7	492.7	487.0	483.0	477.2	469.4	463.7	461.8	457.8
7.5°	566.5	556.8	552.8	547.1	539.3	527.6	520.0	514.1	504.4	498.6	487.0
10°	638.3	628.6	616.9	605.3	593.6	580.1	570.4	562.6	547.1	539.3	525.7
12.5°	729.5	712.0	698.4	682.9	667.3	651.8	640.2	616.9	603.4	585.8	574.2
15°	822.6	807.0	791.5	772.1	748.8	723.6	712.0	690.6	673.2	646.0	630.5
17.5°	935.0	906.0	882.7	859.4	838.1	814.8	791.5	758.5	733.3	710.0	679.0
20°	1045.7	1010.8	985.6	954.5	923.4	886.6	859.4	836.2	801.2	770.2	737.2
22.5°	1164.0	1129.1	1088.3	1057.3	1014.6	985.6	948.6	909.8	874.9	834.2	793.4
25°	1307.5	1270.7	1224.1	1183.4	1134.8	1094.2	1049.5	1004.9	962.3	915.7	863.3
27.5°	1484.0	1445.3	1394.9	1346.4	1282.3	1231.9	1189.2	1129.1	1074.7	1016.5	956.4
30°	1707.2	1664.5	1602.5	1532.6	1468.6	1412.3	1352.2	1272.6	1212.5	1142.6	1065.0
32.5°	1998.1	1947.7	1864.3	1798.3	1718.9	1645.1	1561.7	1482.1	1396.8	1305.6	1216.3
35°	2364.8	2318.3	2221.3	2124.2	2037.0	1949.6	1844.9	1753.8	1633.4	1522.9	1408.4
37.5°	2745.1	2661.6	2572.4	2467.7	2359.0	2254.2	2126.2	2000.2	1862.4	1742.2	1598.5
40°	3179.6	3078.7	3005.0	2892.5	2739.2	2589.8	2471.5	2314.4	2141.8	1980.7	1812.0
42.5°	3775.2	3662.6	3530.8	3360.0	3249.5	3074.9	2921.6	2735.4	2508.4	2328.0	2124.2
45°	4463.9	4310.6	4182.6	4017.7	3883.8	3666.6	3488.0	3239.8	3012.8	2776.1	2527.8
47.5°	5249.6	5059.4	4873.2	4710.2	4496.9	4283.5	4056.5	3792.7	3501.7	3241.7	2946.8
50°	6151.7	5882.0	5624.0	5414.5	5121.6	4875.1	4628.8	4332.0	4009.9	3711.2	3375.6
52.5°	7154.6	6842.3	6500.9	6178.8	5839.3	5523.1	5226.4	4884.8	4525.9	4161.2	3786.8
55°	8365.2	8130.5	7728.8	7319.5	6865.6	6442.7	6060.5	5637.6	5201.0	4721.9	4328.0
57.5°	10260.6	10146.1	9810.5	9401.2	8809.4	8295.4	7647.4	7129.4	6497.0	5837.4	5329.1
60°	12829.1	12687.5	12499.3	12167.5	11698.1	10999.7	10285.8	9480.7	8518.4	7604.8	6737.5
62.5°	14198.8	14148.2	13995.0	13766.0	13327.7	12776.8	12057.0	11172.4	10086.0	8976.2	7870.4
63°	14239.4	14175.5	14043.5	13810.7	13424.6	12891.1	12185.0	11325.6	10262.5	9131.5	8002.4
65°	13688.5	13663.3	13529.4	13275.2	13011.5	12604.1	12057.0	11317.8	10425.5	9356.5	8233.3
67.5°	12140.4	12064.7	11859.1	11781.5	11597.2	11314.0	10896.8	10388.6	9750.4	8910.4	7940.3
70°	10268.3	10155.8	9897.7	9760.1	9535.0	9356.5	9102.4	8739.6	8345.8	7759.9	7036.3
72.5°	8283.7	8050.9	7814.3	7455.4	7141.1	6823.0	6541.6	6285.5	5852.9	5616.2	5067.2
75°	5379.6	4956.6	4551.2	4008.0	3519.1	3086.5	2665.6	2452.1	2007.8	1827.5	1569.5
77.5°	2553.0	2316.4	1998.1	1751.8	1437.5	1173.7	958.3	719.8	564.5	442.3	337.6
80°	2060.3	1860.5	1668.4	1445.3	1208.6	964.2	739.1	552.8	391.9	271.6	192.0
82.5°	1837.2	1619.9	1383.2	1230.0	1069.0	874.9	717.8	585.8	432.6	316.2	215.3
85°	713.9	601.4	463.7	378.2	294.8	242.5	219.2	151.3	118.3	93.1	71.8
87.5°	62.0	50.4	40.7	27.1	29.0	15.5	17.4	11.6	9.7	9.7	7.8
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3	409.3
2.5°	428.8	426.8	424.8	421.0	421.0	417.1	415.2	413.2	403.6	382.2	364.7
5°	450.1	446.2	442.3	436.4	432.6	426.8	422.9	417.1	395.8	355.0	320.0
7.5°	481.1	473.4	467.5	455.9	450.1	442.3	436.4	426.8	391.9	329.8	281.3
10°	517.9	504.4	494.6	481.1	469.4	459.7	450.1	436.4	388.0	302.6	246.4
12.5°	562.6	547.1	527.6	512.2	496.7	483.0	469.4	452.0	382.2	279.4	219.2
15°	607.2	583.9	570.4	549.0	527.6	508.3	488.9	473.4	384.1	254.2	196.0
17.5°	657.6	634.3	605.3	582.0	558.7	533.5	510.2	479.2	374.4	234.7	178.4
20°	706.2	673.2	646.0	616.9	583.9	552.8	523.8	496.7	366.6	215.3	163.0
22.5°	758.5	719.8	684.8	648.0	607.2	572.3	537.4	502.4	353.0	197.9	149.4
25°	822.6	778.0	727.4	682.9	640.2	597.5	552.8	510.2	339.5	182.4	139.7
27.5°	900.1	841.9	791.5	735.2	675.1	620.8	572.3	525.7	325.9	170.8	130.0
30°	999.1	931.2	859.4	787.7	723.6	661.6	593.6	535.4	312.4	159.1	120.2
32.5°	1131.0	1045.7	958.3	874.9	789.6	710.0	638.3	562.6	304.6	149.4	110.5
35°	1305.6	1195.1	1088.3	983.5	880.8	783.7	690.6	605.3	304.6	137.8	98.9
37.5°	1470.5	1342.4	1206.7	1076.6	954.5	841.9	731.4	628.6	289.1	128.0	89.3
40°	1649.0	1495.7	1336.7	1183.4	1036.0	896.3	770.2	651.8	275.5	116.4	79.6
42.5°	1922.5	1728.5	1521.0	1342.4	1165.9	993.2	836.2	696.5	258.0	104.8	69.8
45°	2281.4	2035.1	1790.6	1573.3	1348.3	1136.9	950.6	778.0	254.2	95.0	60.1
47.5°	2665.6	2374.6	2087.4	1810.0	1546.2	1299.8	1076.6	869.2	254.2	85.3	52.3
50°	3047.8	2683.0	2376.5	2054.4	1757.6	1466.6	1200.8	964.2	256.1	77.6	42.7
52.5°	3393.0	3003.1	2659.7	2287.2	1959.4	1621.8	1332.7	1057.3	252.2	67.9	34.9
55°	3872.2	3414.4	3016.7	2605.4	2221.3	1841.0	1513.2	1197.0	254.2	60.1	29.0
57.5°	4754.9	4217.5	3738.4	3199.1	2756.8	2265.8	1868.2	1484.0	277.4	50.4	21.4
60°	6021.7	5323.3	4650.1	3992.5	3429.8	2845.9	2329.9	1877.9	325.9	40.7	15.5
62.5°	6873.4	5959.6	5156.5	4430.9	3777.1	3166.1	2603.4	2089.3	358.9	33.0	9.7
63°	6960.6	6015.8	5208.8	4460.0	3792.7	3181.6	2615.0	2104.9	360.8	31.1	9.7
65°	7125.6	6112.9	5238.0	4465.8	3777.1	3160.2	2607.4	2102.9	364.7	25.2	7.8
67.5°	6937.3	5963.5	5069.2	4299.0	3641.4	3034.1	2510.3	2025.4	362.8	17.4	5.8
70°	6204.0	5397.0	4611.4	3893.5	3296.0	2747.0	2285.3	1846.9	333.7	11.6	3.8
72.5°	4555.1	4006.1	3397.0	2878.9	2483.2	2062.2	1759.6	1387.1	258.0	7.8	1.9
75°	1350.2	1230.0	1034.0	911.8	805.1	665.4	591.7	461.8	131.9	3.8	0.0
77.5°	269.6	244.4	219.2	199.8	188.2	161.0	153.2	126.1	54.4	1.9	0.0
80°	141.6	116.4	98.9	87.2	75.6	62.0	52.3	42.7	9.7	0.0	0.0
82.5°	135.8	91.2	66.0	54.4	46.6	36.8	29.0	21.4	5.8	0.0	0.0
85°	50.4	38.8	29.0	23.3	19.4	17.4	13.6	11.6	0.0	0.0	0.0
87.5°	7.8	5.8	5.8	3.8	3.8	1.9	1.9	1.9	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°	409.3	409.3	409.3	409.3	409.3	409.3	409.3
2.5°	347.3	331.7	324.0	314.3	314.3	312.4	316.2
5°	289.1	267.7	252.2	240.6	242.5	236.6	238.6
7.5°	244.4	223.1	209.5	201.7	199.8	197.9	197.9
10°	211.4	192.0	180.4	174.6	172.7	172.7	172.7
12.5°	188.2	168.7	159.1	155.2	155.2	153.2	153.2
15°	168.7	153.2	143.5	139.7	139.7	137.8	139.7
17.5°	153.2	137.8	130.0	126.1	126.1	124.2	124.2
20°	139.7	126.1	118.3	112.6	112.6	110.5	112.6
22.5°	128.0	114.5	104.8	100.9	98.9	97.0	98.9
25°	116.4	102.8	93.1	87.2	85.3	85.3	83.4
27.5°	106.7	93.1	81.5	75.6	73.7	73.7	71.8
30°	97.0	81.5	69.8	64.0	62.0	62.0	62.0
32.5°	87.2	69.8	60.1	54.4	52.3	52.3	52.3
35°	77.6	60.1	50.4	44.6	42.7	42.7	42.7
37.5°	66.0	50.4	38.8	34.9	33.0	31.1	31.1
40°	56.3	38.8	29.0	25.2	21.4	21.4	21.4
42.5°	46.6	31.1	21.4	15.5	13.6	11.6	13.6
45°	38.8	23.3	13.6	7.8	5.8	5.8	5.8
47.5°	31.1	15.5	5.8	1.9	1.9	1.9	1.9
50°	23.3	9.7	1.9	0.0	0.0	1.9	1.9
52.5°	17.4	5.8	0.0	0.0	0.0	0.0	0.0
55°	9.7	1.9	0.0	0.0	0.0	0.0	0.0
57.5°	5.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	3.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1.9	0.0	0.0	0.0	0.0	0.0	0.0
63°	1.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.9	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)