

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: INVUE

Report Number: P180698

Luminaire Tested: **ICM-E05-LED-E1-SL3**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180698  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-E05-LED-E1-SL3  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (105) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

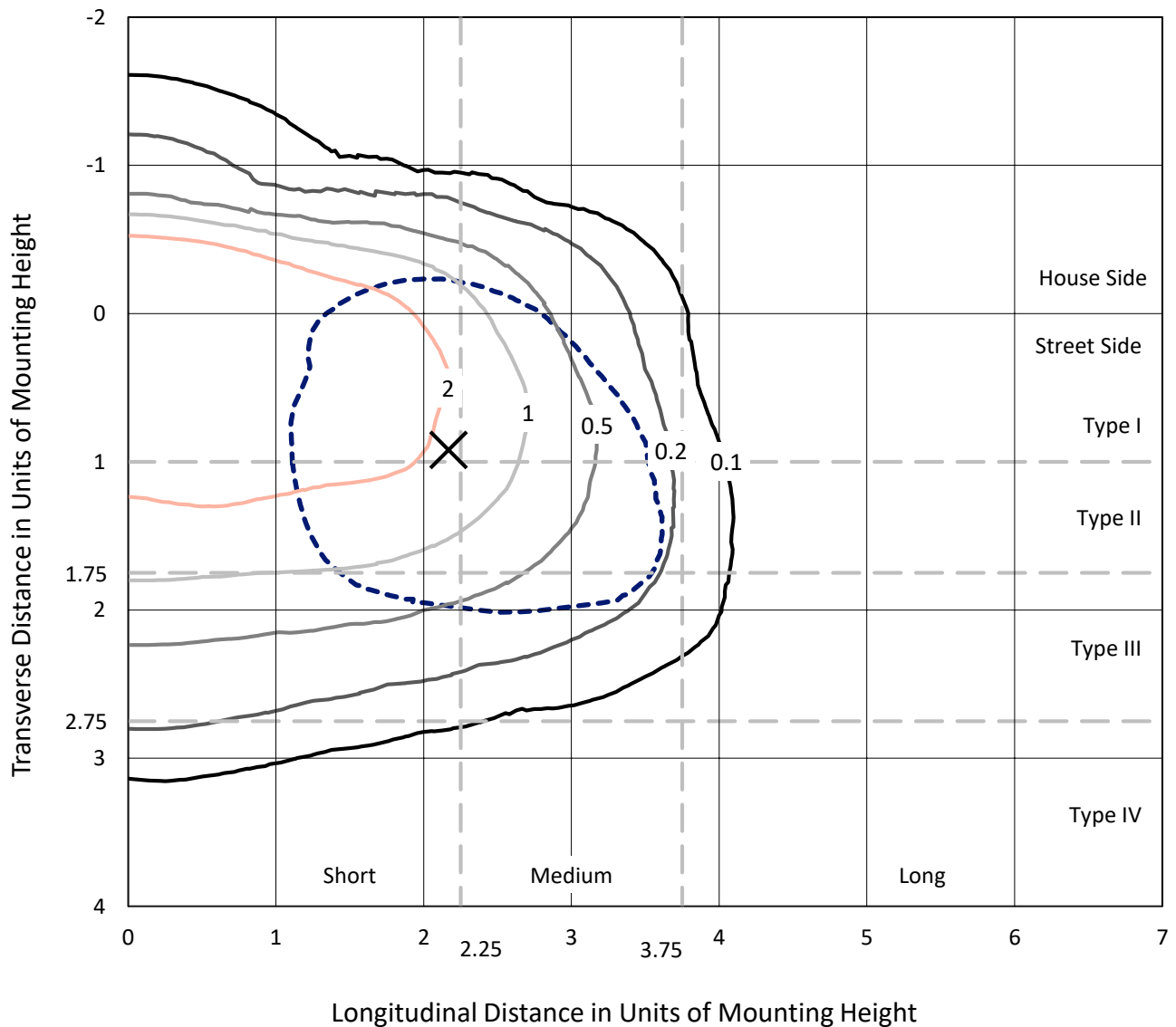
Lumens per Lamp: N/A  
Luminaire Lumens: 14121.8 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 127.3  
Input Voltage (V): 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

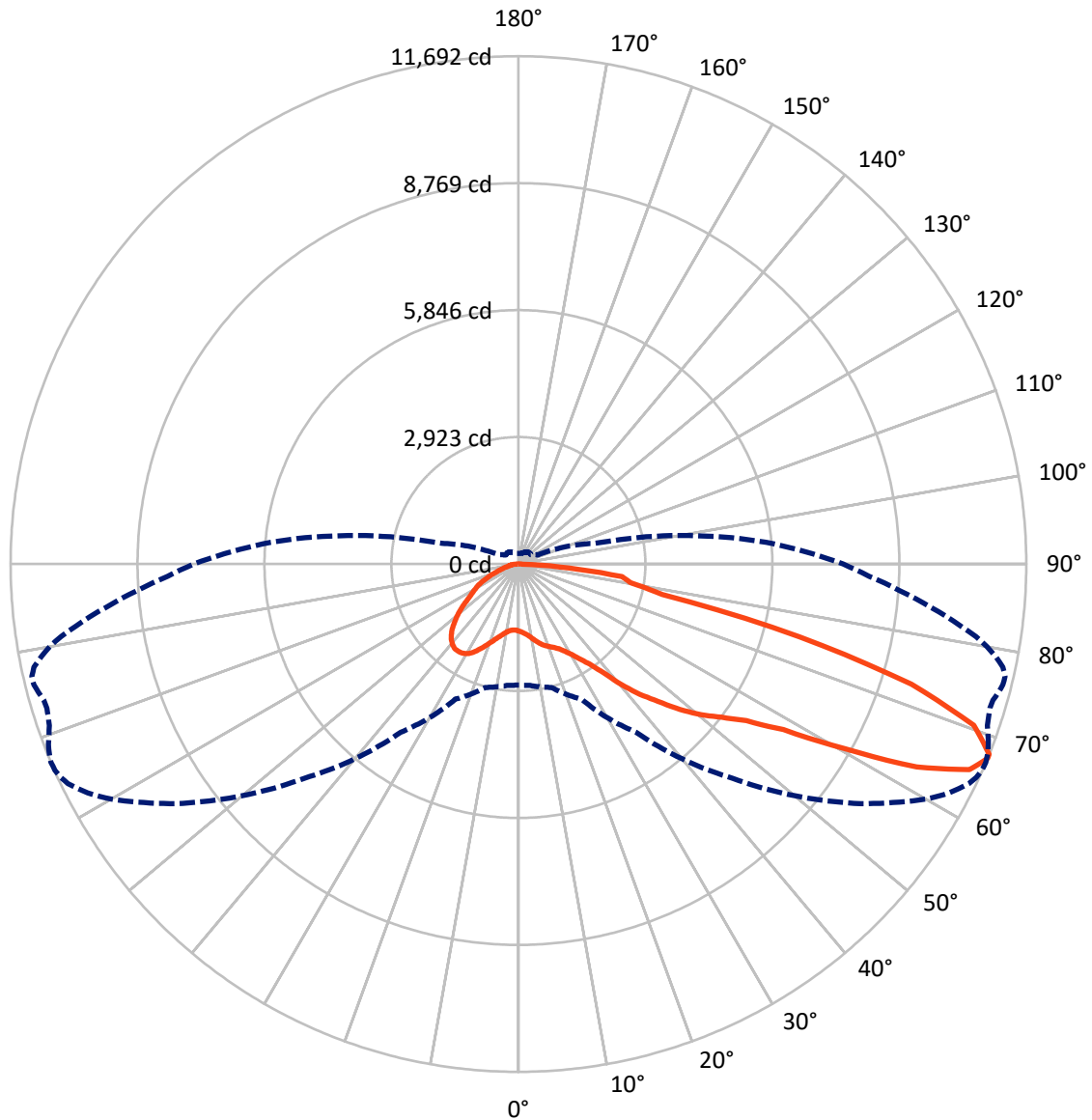
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.9 fc  
 Type III - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3258.8	0.0	3258.8
	% Fixture	23.1	0.0	23.1
<b>Street Side</b>	Lumens	10863.0	0.0	10863.0
	% Fixture	76.9	0.0	76.9
<b>Total</b>	Lumens	14121.8	0.0	14121.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.6	1.1
10°-20°	526.6	3.7
20°-30°	929.9	6.6
30°-40°	1334.8	9.5
40°-50°	2027.2	14.4
50°-60°	2984.8	21.1
60°-70°	3966.6	28.1
70°-80°	1940.6	13.7
80°-90°	257.7	1.8
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°	14121.8	100.0
0°-180°	14121.8	100.0



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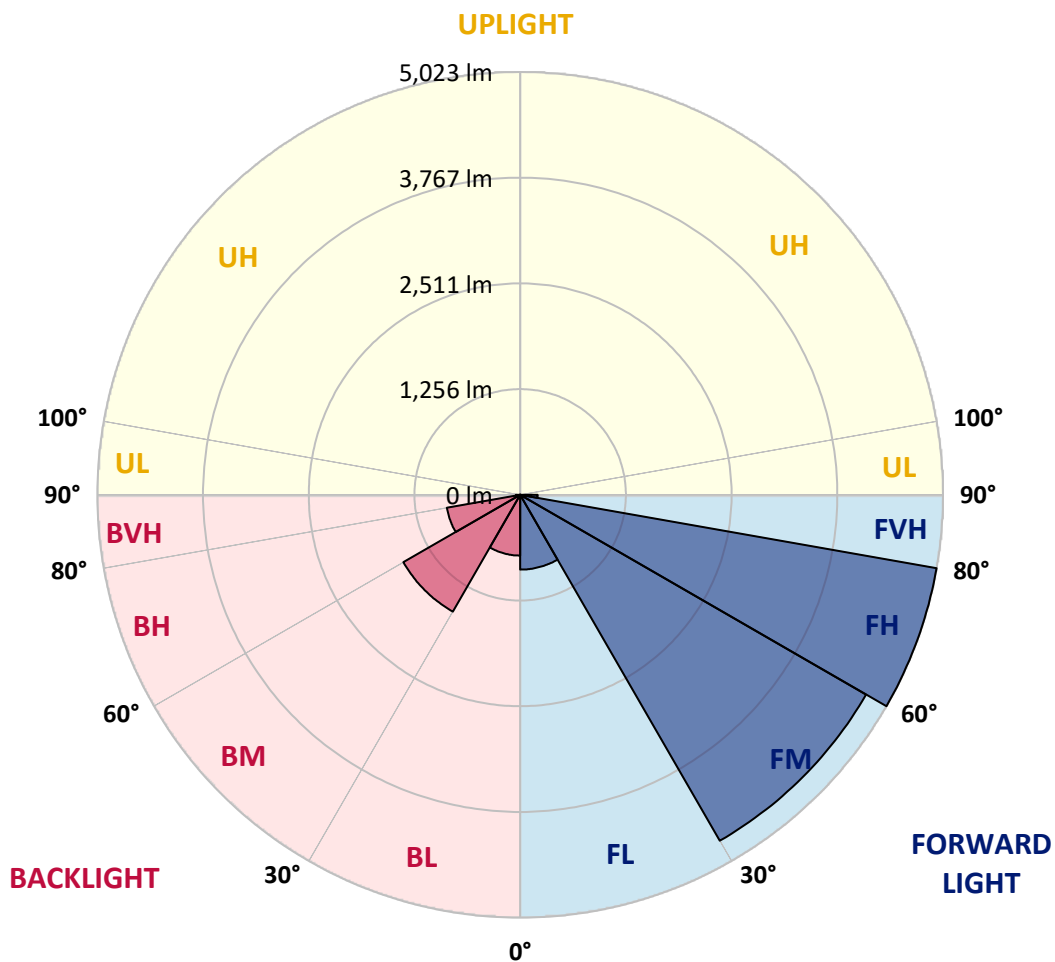
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	888.4	6.3			
FM	(30°-60°)	4744.6	33.6			
FH	(60°-80°)	5023.0	35.6			G3/7500
FVH	(80°-90°)	207.0	1.5			G2/225
BL	(0°-30°)	721.7	5.1	B2/1000		
BM	(30°-60°)	1602.1	11.3	B2/2500		
BH	(60°-80°)	884.2	6.3	B2/1000		G2/1000
BVH	(80°-90°)	50.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6
2.5°	1615.5	1617.0	1614.0	1612.4	1603.1	1593.8	1587.6	1579.8	1579.8	1579.8	1576.8
5°	1707.0	1700.8	1705.4	1694.6	1676.0	1658.9	1641.9	1627.9	1624.8	1624.8	1618.6
7.5°	1817.0	1809.3	1806.2	1790.7	1762.8	1738.0	1703.9	1690.0	1682.1	1679.1	1676.0
10°	1950.4	1950.4	1930.2	1903.9	1866.7	1823.3	1786.1	1761.2	1759.7	1759.7	1745.8
12.5°	2086.8	2090.0	2063.5	2037.2	1976.8	1919.4	1876.0	1848.1	1846.5	1840.3	1832.6
15°	2212.4	2204.7	2187.6	2148.9	2082.2	2014.0	1959.7	1931.8	1925.6	1919.4	1914.7
17.5°	2316.3	2308.6	2286.8	2237.2	2167.5	2086.8	2020.2	1990.7	1987.6	1984.5	1978.3
20°	2381.4	2375.2	2344.2	2286.8	2214.0	2131.8	2060.5	2040.3	2034.2	2034.2	2031.0
22.5°	2418.6	2409.3	2364.4	2288.4	2217.0	2156.6	2097.7	2085.3	2080.7	2082.2	2082.2
25°	2437.2	2429.5	2365.9	2257.4	2189.1	2172.1	2147.3	2139.5	2141.1	2142.6	2145.8
27.5°	2440.3	2429.5	2355.1	2217.0	2153.5	2201.6	2218.6	2231.0	2231.0	2237.2	2248.1
30°	2417.0	2404.7	2333.3	2186.1	2138.0	2260.5	2328.7	2361.2	2373.7	2370.5	2395.4
32.5°	2376.8	2369.0	2311.6	2186.1	2181.4	2376.8	2497.7	2544.2	2550.4	2553.5	2581.4
35°	2362.8	2361.2	2336.5	2260.5	2316.3	2581.4	2765.9	2801.6	2809.3	2809.3	2829.5
37.5°	2359.7	2367.5	2395.4	2400.0	2553.5	2885.3	3127.2	3181.4	3181.4	3196.9	3196.9
40°	2359.7	2376.8	2482.2	2607.7	2843.5	3280.7	3615.6	3677.5	3677.5	3694.6	3685.3
42.5°	2451.2	2476.0	2649.6	2888.4	3209.3	3688.4	4072.9	4142.6	4147.3	4142.6	4156.6
45°	2631.0	2652.8	2863.6	3206.3	3586.1	4125.6	4510.1	4593.8	4576.8	4587.7	4592.3
47.5°	2869.8	2903.9	3144.2	3553.5	3953.5	4530.3	5000.0	5076.0	5069.8	5074.4	5054.3
50°	3124.0	3159.7	3427.9	3897.7	4319.4	4855.8	5393.8	5507.0	5496.1	5503.9	5514.7
52.5°	3348.9	3370.5	3629.5	4156.6	4597.0	5159.8	5696.1	5837.2	5862.1	5865.2	5872.9
55°	3482.2	3508.6	3745.8	4285.3	4798.4	5457.4	6041.9	6255.9	6303.9	6316.3	6350.5
57.5°	3528.7	3556.6	3772.1	4303.9	4908.6	5736.5	6524.0	6900.8	6941.2	7007.8	7116.3
60°	3527.2	3556.6	3744.2	4262.1	5020.2	6082.2	7274.5	7905.4	8110.1	8178.4	8333.4
62.5°	3383.0	3417.0	3607.7	4134.9	5162.8	6524.0	8390.7	9361.3	9624.9	9748.9	9916.3
65°	3066.7	3091.5	3269.8	3812.4	5122.5	6959.8	9324.1	10534.9	10775.2	10956.6	11255.9
67°	2786.1	2801.6	2941.1	3431.0	4728.7	6975.2	9618.7	10826.4	11035.7	11228.0	11536.5
67.5°	2714.7	2747.3	2855.8	3314.7	4581.4	6886.8	9598.5	10781.5	10995.4	11195.4	11521.0
70°	2209.3	2255.8	2310.1	2618.6	3601.6	5793.8	8886.8	10003.1	10190.8	10376.8	10831.0
72.5°	1362.8	1446.5	1457.4	1652.8	2344.2	4004.7	7190.7	8435.7	8576.8	8710.1	9175.2
75°	803.1	815.5	854.2	1012.4	1375.2	2393.8	4824.9	6266.7	6397.0	6462.1	6826.4
77.5°	448.1	460.5	493.0	629.5	1057.4	1612.4	2809.3	3682.2	3761.2	3843.5	3784.5
80°	186.0	203.1	218.6	254.2	494.6	1272.8	1931.8	2341.1	2392.3	2440.3	2500.8
82.5°	90.0	96.1	117.9	134.9	179.8	522.5	1514.7	2029.5	2090.0	2159.7	2300.8
85°	41.9	46.5	65.1	77.5	86.8	131.8	507.0	987.6	1071.4	1086.8	1114.7
87.5°	3.1	3.1	7.7	10.9	15.5	17.0	52.7	74.4	83.7	76.0	96.1
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6
2.5°	1575.2	1573.7	1570.5	1570.5	1569.0	1569.0	1569.0	1565.9	1565.9	1565.9	1564.4
5°	1617.0	1615.5	1610.9	1610.9	1607.7	1607.7	1603.1	1601.6	1598.4	1598.4	1596.9
7.5°	1671.4	1669.8	1663.5	1663.5	1658.9	1657.4	1654.2	1649.6	1649.6	1646.5	1643.5
10°	1745.8	1741.1	1739.5	1731.8	1733.3	1730.2	1727.2	1722.5	1719.4	1716.3	1713.2
12.5°	1829.5	1829.5	1821.7	1817.0	1820.2	1817.0	1810.9	1809.3	1804.7	1804.7	1800.0
15°	1908.6	1908.6	1905.4	1899.3	1900.8	1896.1	1894.6	1891.5	1885.3	1886.8	1885.3
17.5°	1976.8	1976.8	1972.1	1969.0	1969.0	1964.4	1965.9	1962.8	1959.7	1958.2	1953.5
20°	2031.0	2031.0	2027.9	2024.8	2026.3	2026.3	2021.7	2021.7	2021.7	2018.6	2018.6
22.5°	2083.7	2085.3	2085.3	2085.3	2086.8	2088.4	2086.8	2090.0	2088.4	2091.5	2091.5
25°	2153.5	2158.2	2161.2	2161.2	2169.0	2170.5	2172.1	2176.8	2176.8	2181.4	2183.0
27.5°	2257.4	2260.5	2272.9	2276.0	2277.5	2290.0	2291.5	2297.7	2303.9	2305.4	2307.0
30°	2400.0	2407.7	2417.0	2423.3	2423.3	2438.8	2444.9	2441.9	2458.9	2463.5	2469.8
32.5°	2590.7	2596.9	2606.2	2612.4	2618.6	2626.3	2627.9	2635.6	2649.6	2662.1	2654.2
35°	2831.0	2846.5	2831.0	2848.1	2852.8	2863.6	2860.5	2869.8	2876.0	2880.7	2879.1
37.5°	3179.8	3172.1	3169.0	3162.8	3151.9	3189.1	3170.5	3169.0	3159.7	3186.1	3169.0
40°	3638.8	3643.5	3648.1	3623.3	3609.3	3609.3	3604.7	3587.6	3579.8	3603.1	3600.0
42.5°	4117.9	4122.5	4100.8	4085.3	4049.6	4045.0	4023.3	4018.6	4010.9	4023.3	4010.9
45°	4553.5	4556.6	4508.6	4516.3	4488.4	4493.1	4458.9	4472.9	4454.3	4466.7	4490.0
47.5°	5040.3	5046.5	5004.7	5021.7	4993.8	4976.8	4975.2	4984.5	4964.4	4976.8	4983.0
50°	5482.2	5474.5	5452.8	5457.4	5445.0	5448.1	5429.5	5446.5	5423.3	5448.1	5445.0
52.5°	5874.5	5865.2	5860.5	5876.0	5865.2	5865.2	5854.3	5862.1	5865.2	5902.4	5910.1
55°	6350.5	6358.2	6365.9	6393.8	6406.3	6386.1	6406.3	6445.0	6446.6	6534.9	6583.0
57.5°	7114.7	7169.1	7197.0	7214.0	7286.8	7279.1	7325.6	7418.7	7428.0	7632.6	7752.0
60°	8448.1	8544.2	8635.7	8586.1	8733.4	8778.4	8806.3	8979.9	9034.2	9228.0	9331.9
62.5°	10131.9	10142.7	10285.4	10240.3	10324.1	10304.0	10338.0	10417.1	10488.4	10648.2	10745.8
65°	11307.0	11358.2	11414.0	11356.6	11355.1	11286.9	11243.5	11241.9	11285.4	11319.4	11428.0
67°	11626.4	11677.6	11691.5	11649.7	11589.2	11502.4	11421.7	11379.9	11352.0	11367.5	11435.7
67.5°	11623.3	11671.4	11688.4	11648.2	11564.4	11491.5	11406.3	11358.2	11321.0	11328.7	11386.1
70°	10962.9	11066.8	11122.6	11135.0	11124.1	10997.0	10924.1	10880.7	10849.6	10773.7	10769.1
72.5°	9288.4	9414.0	9457.5	9527.2	9558.2	9370.6	9291.5	9339.6	9231.0	8990.8	9001.6
75°	6820.2	6829.5	6683.8	6655.9	6551.9	6127.2	6000.0	5883.8	5697.7	5407.8	5134.9
77.5°	3555.1	3553.5	3386.1	3300.8	3176.8	2920.9	2908.6	2700.8	2555.1	2290.0	2193.8
80°	2525.6	2565.9	2621.7	2649.6	2606.2	2507.0	2370.5	2223.3	2054.2	1888.4	1690.0
82.5°	2348.9	2373.7	2403.1	2294.6	2234.2	2094.6	1990.7	1776.8	1657.4	1468.2	1268.2
85°	1142.6	1218.6	1159.7	1091.4	1068.2	835.6	807.7	674.4	612.4	503.9	469.8
87.5°	72.8	90.0	80.7	72.8	63.5	35.6	48.1	34.1	35.6	26.3	23.3
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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6
2.5°	1564.4	1562.8	1561.2	1559.7	1558.1	1558.1	1556.6	1555.1	1553.5	1550.4	1550.4
5°	1593.8	1593.8	1592.3	1589.1	1589.1	1586.1	1581.4	1579.8	1579.8	1576.8	1573.7
7.5°	1641.9	1640.3	1637.2	1635.6	1632.6	1629.5	1626.3	1623.3	1621.7	1617.0	1615.5
10°	1714.7	1711.6	1703.9	1700.8	1699.3	1696.1	1693.0	1690.0	1685.3	1682.1	1680.7
12.5°	1796.9	1795.4	1789.1	1792.3	1784.5	1781.4	1778.3	1770.5	1773.7	1767.5	1764.4
15°	1879.1	1880.7	1877.5	1877.5	1871.4	1866.7	1863.5	1857.4	1855.8	1852.8	1849.6
17.5°	1951.9	1955.1	1950.4	1947.3	1944.2	1941.1	1934.9	1928.7	1928.7	1922.5	1919.4
20°	2018.6	2021.7	2020.2	2017.0	2012.4	2010.9	2007.7	2003.1	2003.1	2000.0	1995.4
22.5°	2094.6	2096.1	2096.1	2094.6	2090.0	2091.5	2088.4	2083.7	2085.3	2079.1	2079.1
25°	2186.1	2189.1	2192.3	2193.8	2190.7	2192.3	2189.1	2186.1	2184.5	2186.1	2184.5
27.5°	2311.6	2314.7	2324.0	2316.3	2324.0	2325.6	2320.9	2314.7	2319.4	2327.2	2322.5
30°	2477.5	2474.4	2486.8	2488.4	2486.8	2488.4	2485.3	2480.7	2483.7	2497.7	2490.0
32.5°	2663.6	2669.8	2672.9	2676.0	2680.7	2686.8	2682.2	2677.5	2685.3	2680.7	2691.5
35°	2888.4	2902.3	2907.0	2902.3	2905.4	2916.3	2914.7	2916.3	2931.8	2916.3	2936.5
37.5°	3172.1	3186.1	3196.9	3190.7	3198.4	3198.4	3210.9	3245.0	3223.3	3251.2	3272.9
40°	3584.5	3606.3	3607.7	3606.3	3614.0	3623.3	3635.7	3672.9	3648.1	3677.5	3697.7
42.5°	4009.3	4035.7	4045.0	4029.5	4046.5	4066.7	4068.2	4100.8	4102.4	4107.0	4117.9
45°	4488.4	4511.7	4530.3	4522.5	4524.0	4550.4	4544.2	4575.2	4551.9	4551.9	4558.2
47.5°	4998.4	5020.2	5032.6	5045.0	5029.5	5052.8	5063.6	5057.4	5029.5	5023.3	4986.1
50°	5463.6	5482.2	5500.8	5534.9	5533.3	5544.2	5551.9	5524.0	5517.9	5483.8	5441.9
52.5°	5956.6	6004.7	6046.5	6117.9	6128.7	6165.9	6151.9	6105.4	6097.7	6041.9	5986.1
55°	6643.5	6781.4	6841.9	6951.9	7026.4	7024.9	6993.8	6986.1	6927.2	6815.6	6748.9
57.5°	7838.8	8054.3	8158.2	8300.8	8324.1	8310.1	8269.8	8198.5	8096.1	7908.6	7787.7
60°	9564.4	9697.7	9818.7	9852.8	9869.8	9843.5	9702.4	9544.2	9344.2	9085.4	8869.8
62.5°	10868.3	11004.7	11094.7	11080.7	10973.7	10838.9	10632.6	10367.5	10086.9	9797.0	9474.5
65°	11531.9	11589.2	11575.2	11466.8	11283.8	11048.2	10747.3	10420.2	10090.0	9747.3	9412.4
67°	11496.2	11497.7	11403.1	11192.3	10958.2	10662.1	10294.7	9938.0	9550.5	9190.8	8792.3
67.5°	11432.6	11426.4	11294.7	11063.6	10810.9	10505.5	10124.1	9755.1	9353.5	8990.8	8578.4
70°	10713.3	10626.4	10328.7	9959.8	9607.8	9195.4	8795.4	8372.1	7919.4	7607.8	7133.3
72.5°	8803.1	8510.1	7997.0	7610.9	7234.2	6694.6	6445.0	5919.4	5601.6	5403.1	5045.0
75°	5097.7	4852.8	4455.8	4094.6	3911.7	3592.3	3440.3	3054.3	2973.7	2970.5	2846.5
77.5°	1945.8	1697.7	1441.9	1161.2	987.6	784.5	691.4	618.6	562.8	601.6	545.8
80°	1458.9	1200.0	938.0	682.1	486.8	359.7	308.6	285.3	271.4	260.5	252.7
82.5°	1086.8	857.4	665.1	434.1	303.9	229.5	198.4	186.0	179.8	169.0	159.7
85°	367.4	294.6	232.6	161.2	127.2	103.9	96.1	93.0	88.4	80.7	76.0
87.5°	20.2	18.6	20.2	15.5	18.6	15.5	17.0	17.0	17.0	15.5	15.5
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):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6	1542.6
2.5°	1548.8	1548.8	1548.8	1545.8	1541.1	1531.8	1522.5	1514.7	1507.0	1502.3	1499.3
5°	1572.1	1569.0	1567.5	1565.9	1555.1	1536.5	1519.4	1503.9	1488.4	1476.0	1471.4
7.5°	1614.0	1607.7	1606.2	1601.6	1587.6	1559.7	1534.9	1510.1	1488.4	1471.4	1463.5
10°	1677.5	1677.5	1668.2	1662.1	1646.5	1609.3	1573.7	1541.1	1511.6	1493.0	1488.4
12.5°	1758.2	1758.2	1750.4	1745.8	1727.2	1679.1	1635.6	1596.9	1569.0	1550.4	1548.8
15°	1841.9	1840.3	1834.2	1827.9	1807.7	1756.6	1713.2	1679.1	1655.8	1634.1	1627.9
17.5°	1916.3	1916.3	1908.6	1902.3	1882.2	1838.8	1800.0	1775.2	1748.8	1703.9	1669.8
20°	1990.7	1992.3	1986.1	1979.8	1962.8	1925.6	1908.6	1883.7	1824.8	1727.2	1646.5
22.5°	2072.8	2079.1	2071.4	2065.1	2051.2	2035.6	2029.5	1970.5	1846.5	1690.0	1572.1
25°	2178.3	2189.1	2179.8	2176.8	2169.0	2173.7	2155.1	2018.6	1815.5	1609.3	1462.1
27.5°	2322.5	2322.5	2324.0	2324.0	2320.9	2338.0	2269.8	2020.2	1747.3	1505.4	1330.2
30°	2491.5	2500.8	2497.7	2497.7	2510.1	2520.9	2333.3	1986.1	1660.5	1376.8	1169.0
32.5°	2694.6	2702.3	2705.4	2691.5	2741.1	2685.3	2356.6	1924.0	1553.5	1217.0	976.8
35°	2939.6	2950.4	2958.2	2959.7	2992.3	2827.9	2344.2	1832.6	1400.0	1017.0	765.9
37.5°	3258.9	3280.7	3297.7	3305.4	3307.0	2948.9	2310.1	1711.6	1200.0	793.8	570.5
40°	3683.7	3707.0	3702.3	3717.9	3629.5	3020.2	2232.6	1536.5	951.9	583.0	440.3
42.5°	4093.0	4096.1	4102.4	4088.4	3908.6	3057.4	2124.0	1322.5	713.2	435.6	376.7
45°	4550.4	4524.0	4494.6	4472.9	4165.9	3071.4	1975.2	1062.1	503.9	365.9	348.8
47.5°	4979.8	4944.2	4883.8	4821.7	4395.4	3049.6	1784.5	795.4	383.0	334.9	330.2
50°	5401.6	5334.9	5249.6	5178.4	4615.6	3017.0	1573.7	573.7	334.9	319.4	314.7
52.5°	5924.0	5812.4	5700.8	5607.8	4902.4	2965.9	1351.9	435.6	314.7	307.0	300.7
55°	6640.3	6485.3	6305.4	6175.2	5291.5	2888.4	1119.4	369.0	305.4	299.3	290.0
57.5°	7632.6	7400.0	7197.0	6984.5	5823.3	2809.3	919.4	342.6	303.9	294.6	282.1
60°	8646.6	8367.5	8108.6	7804.7	6365.9	2730.2	779.8	339.5	308.6	294.6	276.0
62.5°	9173.7	8885.4	8573.7	8265.2	6600.0	2544.2	683.7	344.2	319.4	299.3	276.0
65°	9052.8	8700.8	8384.5	8069.8	6328.7	2192.3	578.3	350.4	341.1	317.9	280.7
67°	8445.0	8077.5	7773.7	7472.9	5724.0	1835.6	496.1	356.6	364.4	339.5	290.0
67.5°	8231.0	7863.6	7564.4	7271.4	5545.8	1761.2	476.0	359.7	369.0	345.8	293.0
70°	6824.9	6555.1	6237.2	6010.9	4490.0	1303.9	390.7	365.9	396.9	381.4	307.0
72.5°	4911.7	4654.3	4415.6	4290.0	3307.0	911.6	328.7	359.7	414.0	401.6	313.2
75°	2610.9	2595.4	2508.6	2570.5	2046.5	595.4	290.0	336.5	395.4	367.4	291.4
77.5°	527.2	542.6	637.2	627.9	660.5	331.8	248.1	288.4	305.4	269.8	237.2
80°	244.9	240.3	235.6	238.8	234.1	212.4	201.6	226.3	212.4	173.7	158.1
82.5°	151.9	148.8	144.2	142.6	158.1	169.0	176.7	178.3	141.1	120.9	116.3
85°	72.8	72.8	71.3	74.4	93.0	138.0	148.8	131.8	94.6	86.8	82.1
87.5°	14.0	14.0	15.5	14.0	18.6	32.6	37.2	43.4	35.6	37.2	41.9
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):**

	165°	175°	180°
0°	1542.6	1542.6	1542.6
2.5°	1496.1	1493.0	1493.0
5°	1465.1	1463.5	1463.5
7.5°	1457.4	1458.9	1457.4
10°	1486.8	1485.3	1491.5
12.5°	1551.9	1556.6	1555.1
15°	1620.2	1623.3	1623.3
17.5°	1640.3	1629.5	1627.9
20°	1587.6	1567.5	1562.8
22.5°	1488.4	1451.2	1452.8
25°	1362.8	1317.9	1320.9
27.5°	1217.0	1169.0	1167.4
30°	1041.9	989.1	962.8
32.5°	831.0	767.4	767.4
35°	624.8	573.7	555.1
37.5°	474.4	444.9	435.6
40°	395.4	381.4	378.3
42.5°	359.7	355.1	353.5
45°	341.1	338.0	336.5
47.5°	324.0	322.5	320.9
50°	311.6	310.0	308.6
52.5°	300.7	297.7	296.1
55°	285.3	285.3	285.3
57.5°	276.0	276.0	274.4
60°	266.7	265.1	265.1
62.5°	258.9	255.8	257.4
65°	254.2	249.6	249.6
67°	251.2	241.9	241.9
67.5°	251.2	238.8	238.8
70°	246.5	226.3	223.3
72.5°	241.9	212.4	207.7
75°	229.5	201.6	196.9
77.5°	196.9	179.8	176.7
80°	151.9	131.8	134.9
82.5°	110.0	94.6	93.0
85°	79.1	68.2	68.2
87.5°	41.9	35.6	37.2
90°	0.0	0.0	0.0

(END OF REPORT)