

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: P181264

Luminaire Tested: **ICM-E05-LED-E1-T2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181264
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
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-T2
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (105) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14250.6 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

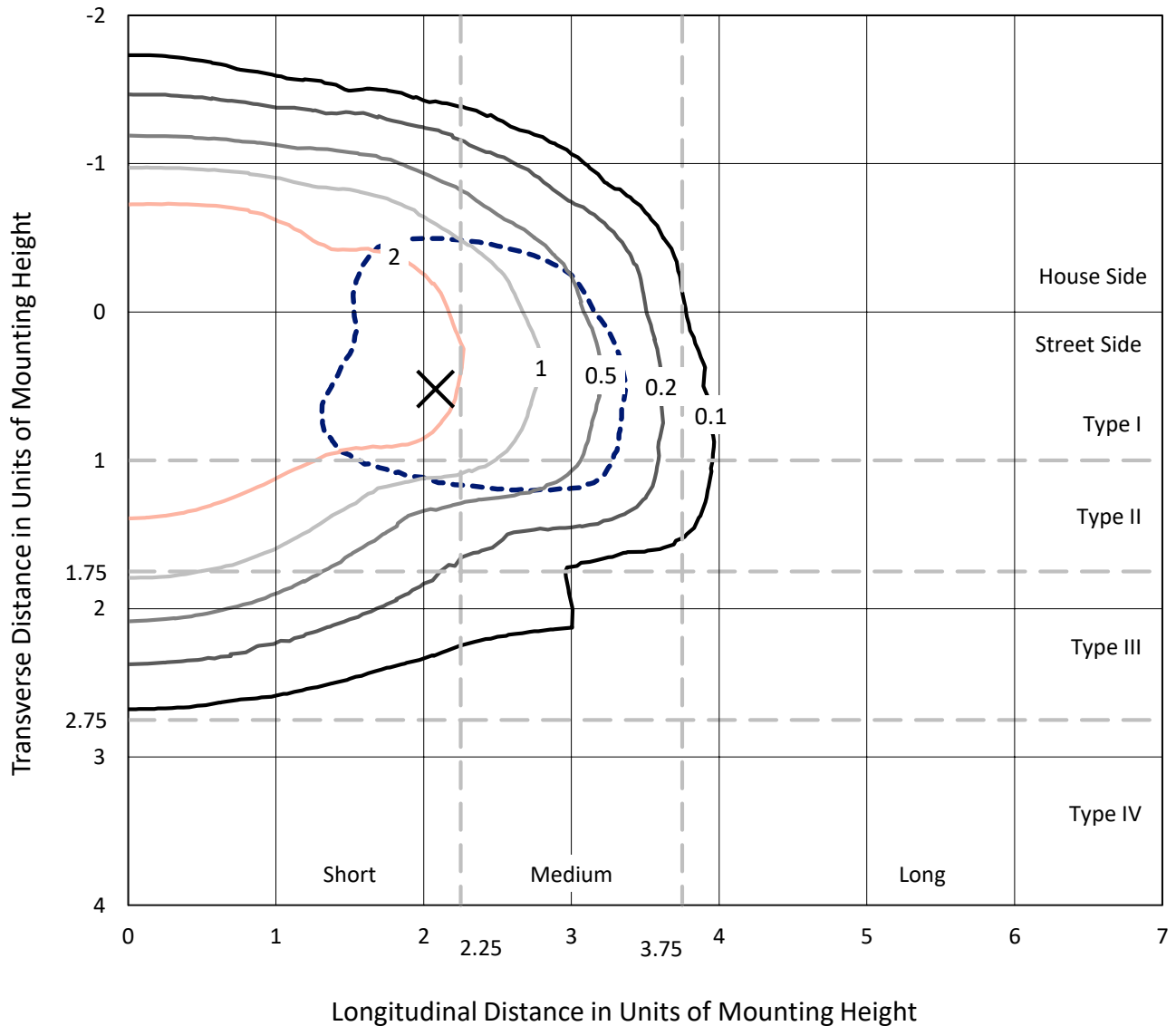
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

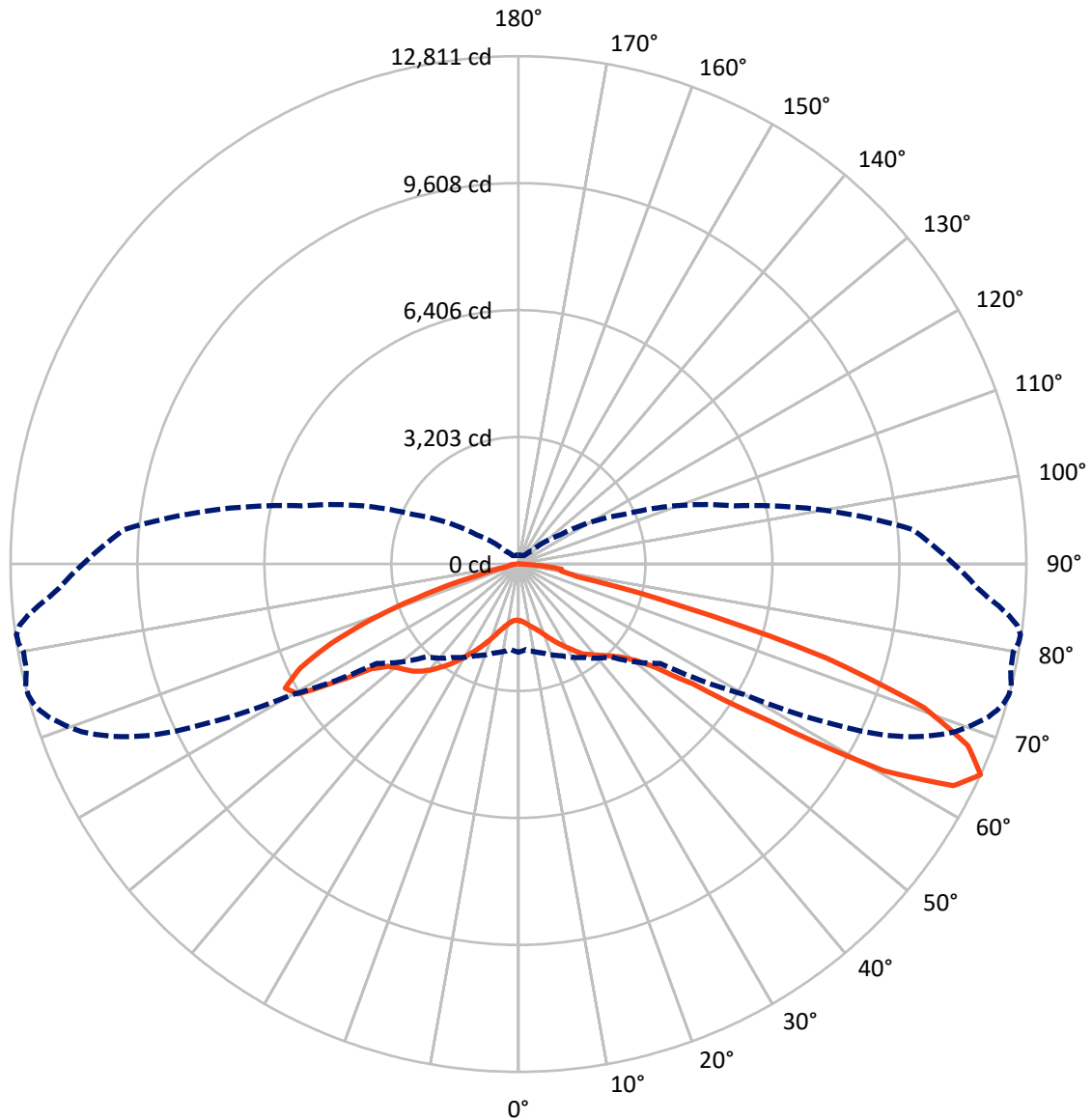
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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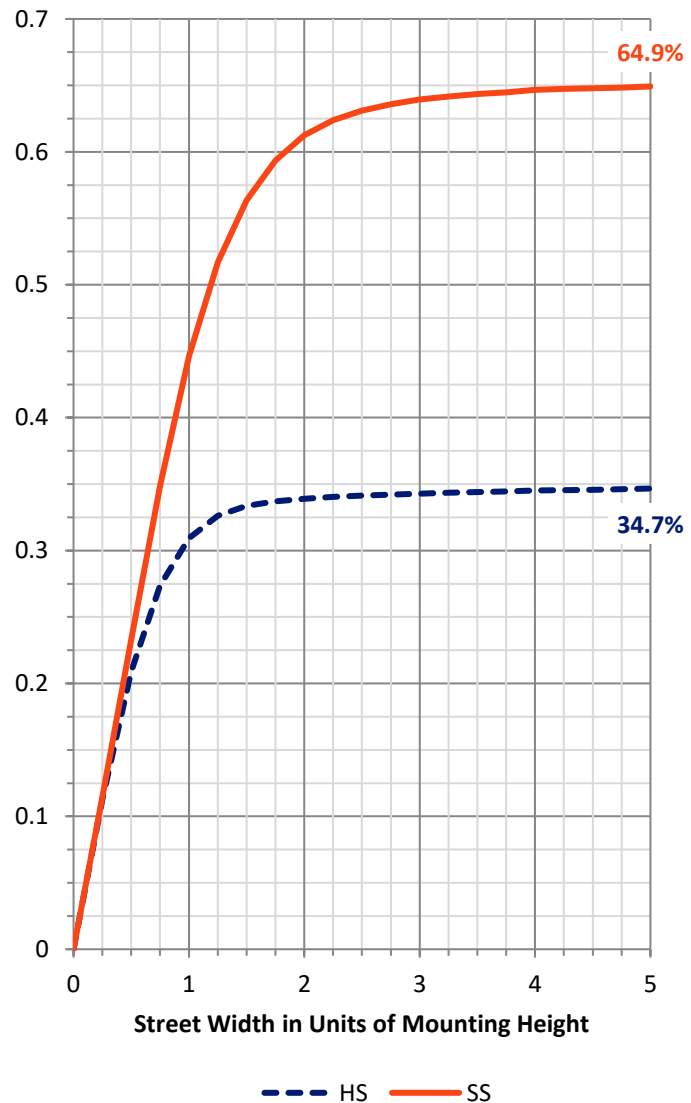
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4990.2	0.0	4990.2
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	9260.4	0.0	9260.4
	% Fixture	65.0	0.0	65.0
Total	Lumens	14250.6	0.0	14250.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.7	1.0
10°-20°	490.1	3.4
20°-30°	962.8	6.8
30°-40°	1599.8	11.2
40°-50°	2350.7	16.5
50°-60°	3254.5	22.8
60°-70°	3884.5	27.3
70°-80°	1373.7	9.6
80°-90°	191.9	1.3
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°	14250.6	100.0
0°-180°	14250.6	100.0

Coefficient of Utilization



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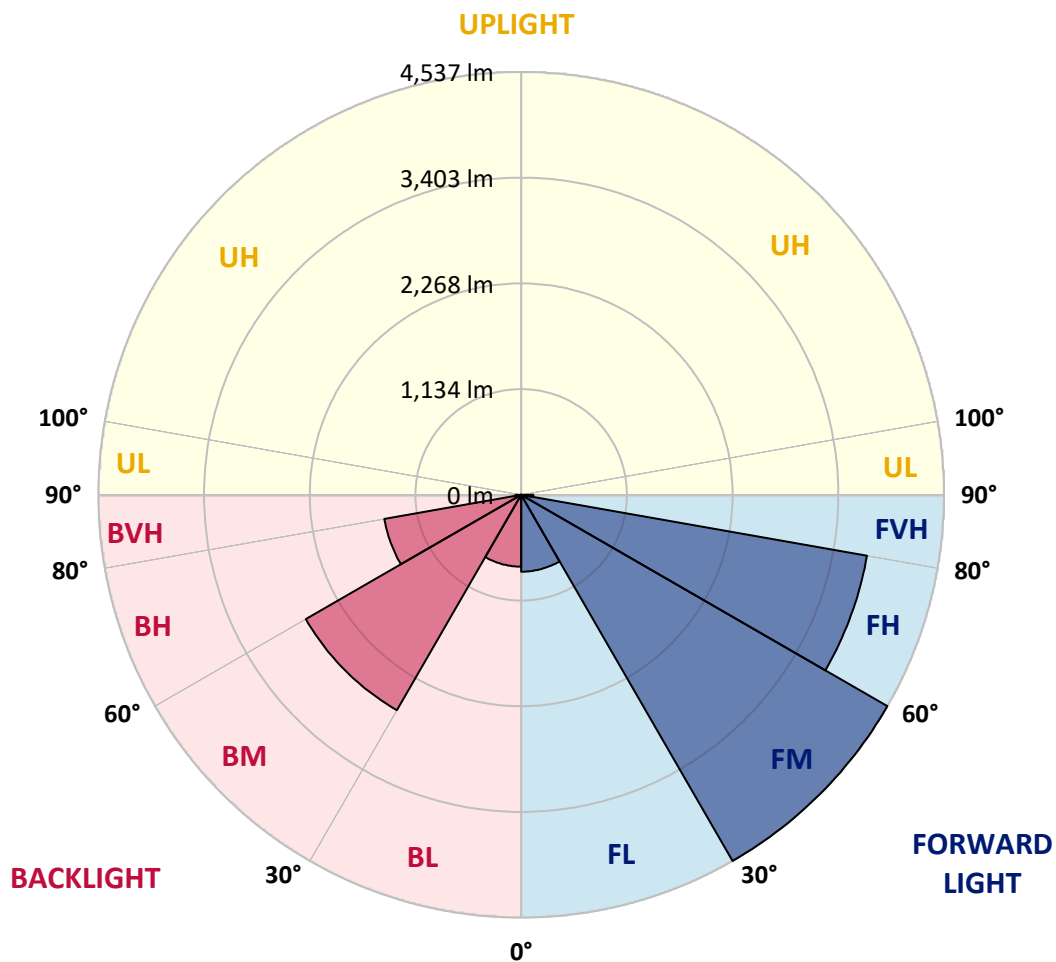
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	824.6	5.8			
FM	(30°-60°)	4537.0	31.8			
FH	(60°-80°)	3767.7	26.4			G2/5000
FVH	(80°-90°)	131.2	0.9			G2/225
BL	(0°-30°)	771.0	5.4	B2/1000		
BM	(30°-60°)	2667.9	18.7	B3/5000		
BH	(60°-80°)	1490.6	10.5	B3/2500		G3/2500
BVH	(80°-90°)	60.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8
2.5°	1486.8	1488.4	1485.3	1483.7	1479.1	1471.4	1465.1	1458.9	1458.9	1458.9	1454.2
5°	1551.9	1555.1	1548.8	1544.2	1530.2	1522.5	1511.6	1503.9	1500.8	1499.3	1494.6
7.5°	1634.1	1629.5	1620.2	1617.0	1606.2	1589.1	1569.0	1553.5	1553.5	1551.9	1553.5
10°	1716.3	1703.9	1699.3	1694.6	1677.5	1655.8	1632.6	1615.5	1614.0	1612.4	1607.7
12.5°	1798.4	1793.8	1789.1	1772.1	1755.1	1720.9	1694.6	1677.5	1676.0	1677.5	1671.4
15°	1907.0	1896.1	1891.5	1862.1	1824.8	1787.6	1755.1	1739.5	1734.9	1736.5	1731.8
17.5°	1990.7	1990.7	1979.8	1947.3	1899.3	1848.1	1814.0	1804.7	1803.1	1803.1	1804.7
20°	2057.4	2055.8	2044.9	2018.6	1961.2	1910.1	1893.0	1890.0	1888.4	1888.4	1893.0
22.5°	2094.6	2091.5	2086.8	2057.4	2012.4	1978.3	1979.8	1989.1	1992.3	1995.4	2001.6
25°	2113.2	2108.6	2107.0	2086.8	2054.2	2049.6	2077.5	2102.3	2108.6	2114.7	2122.5
27.5°	2144.2	2136.5	2139.5	2131.8	2124.0	2138.0	2195.4	2221.7	2226.3	2234.2	2238.8
30°	2229.5	2226.3	2238.8	2241.9	2248.1	2268.2	2320.9	2345.8	2356.6	2356.6	2378.3
32.5°	2392.3	2393.8	2396.9	2429.5	2440.3	2454.2	2482.2	2502.3	2503.9	2505.4	2525.6
35°	2610.9	2620.2	2646.5	2674.4	2700.8	2699.3	2682.2	2693.0	2685.3	2694.6	2696.1
37.5°	2886.8	2874.4	2913.2	2976.8	3017.0	3006.3	2930.3	2880.7	2894.6	2888.4	2883.7
40°	3099.3	3113.2	3187.6	3271.4	3302.3	3336.5	3237.2	3151.9	3139.6	3116.3	3102.3
42.5°	3392.3	3393.8	3454.3	3516.3	3606.3	3680.7	3617.0	3494.6	3457.4	3429.5	3369.0
45°	3663.6	3658.9	3708.6	3784.5	3891.5	3998.4	4021.7	3888.4	3874.4	3824.9	3745.8
47.5°	3845.0	3838.8	3872.9	3972.1	4145.8	4321.0	4417.1	4376.8	4350.4	4330.3	4206.3
50°	3967.5	3955.1	3993.8	4099.3	4293.0	4562.8	4814.0	4848.1	4837.2	4837.2	4758.2
52.5°	4058.9	4058.9	4086.8	4172.1	4369.0	4705.4	5155.1	5327.2	5341.1	5356.6	5351.9
55°	4007.7	4015.6	4085.3	4209.3	4417.1	4804.7	5437.2	5814.0	5891.5	5956.6	6031.0
57.5°	3832.6	3858.9	3951.9	4155.1	4429.5	4879.1	5750.5	6496.1	6714.7	6903.9	7198.5
60°	3576.8	3610.9	3745.8	4004.7	4338.0	4758.2	5860.5	7072.9	7420.2	7832.6	8601.6
62.5°	3138.0	3172.1	3303.9	3562.8	3848.1	4294.6	5404.7	7158.2	7713.3	8297.7	9460.5
65°	2223.3	2169.0	2320.9	2553.5	2880.7	3313.2	4367.5	6586.1	7384.5	8176.8	9612.4
67.5°	1238.8	1234.1	1327.2	1500.8	1814.0	2279.1	3009.3	5051.2	5786.1	6683.8	8446.6
70°	854.2	863.5	922.5	1110.1	1369.0	1770.5	2144.2	3172.1	3700.8	4310.1	6043.5
72.5°	600.0	620.2	652.7	764.4	1029.5	1491.5	2190.7	1896.1	2159.7	2575.2	3634.2
75°	351.9	365.9	389.1	443.4	586.1	996.9	2268.2	1666.7	1666.7	1764.4	2198.4
77.5°	217.0	217.0	231.0	252.7	311.6	488.4	1615.5	1872.8	1820.2	1764.4	1769.0
80°	111.6	119.3	139.5	150.4	173.7	223.3	725.6	1747.3	1916.3	2029.5	1950.4
82.5°	51.2	57.4	85.3	91.4	100.7	117.9	249.6	993.8	1331.8	1753.5	2190.7
85°	26.3	26.3	44.9	55.8	60.5	54.2	91.4	401.6	607.7	927.2	1451.2
87.5°	4.7	4.7	7.7	9.3	14.0	12.4	15.5	23.3	38.8	41.9	43.4
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8
2.5°	1452.8	1454.2	1452.8	1451.2	1448.1	1448.1	1448.1	1446.5	1446.5	1446.5	1444.9
5°	1494.6	1488.4	1490.0	1486.8	1485.3	1483.7	1485.3	1482.1	1479.1	1480.7	1479.1
7.5°	1547.3	1544.2	1538.0	1538.0	1536.5	1533.3	1533.3	1528.7	1527.2	1524.0	1522.5
10°	1606.2	1598.4	1601.6	1598.4	1600.0	1593.8	1590.7	1587.6	1584.5	1584.5	1586.1
12.5°	1666.7	1665.1	1660.5	1657.4	1657.4	1652.8	1654.2	1652.8	1648.1	1646.5	1641.9
15°	1728.7	1728.7	1724.0	1725.6	1724.0	1720.9	1717.9	1717.9	1714.7	1711.6	1713.2
17.5°	1801.6	1801.6	1801.6	1801.6	1803.1	1798.4	1800.0	1796.9	1793.8	1800.0	1800.0
20°	1896.1	1902.3	1902.3	1900.8	1908.6	1903.9	1902.3	1910.1	1902.3	1913.2	1911.6
22.5°	2004.7	2010.9	2010.9	2017.0	2018.6	2023.3	2026.3	2023.3	2029.5	2035.6	2035.6
25°	2125.6	2131.8	2136.5	2145.8	2150.4	2147.3	2148.9	2156.6	2159.7	2165.9	2172.1
27.5°	2252.8	2254.2	2260.5	2271.4	2279.1	2282.2	2283.7	2296.1	2297.7	2300.8	2307.0
30°	2376.8	2392.3	2389.1	2403.1	2407.7	2412.4	2421.7	2426.3	2437.2	2443.5	2443.5
32.5°	2522.5	2519.4	2531.8	2542.6	2550.4	2558.2	2565.9	2572.1	2578.3	2581.4	2596.9
35°	2703.9	2710.1	2710.1	2711.6	2730.2	2731.8	2738.0	2751.9	2756.6	2765.9	2772.1
37.5°	2883.7	2872.9	2871.4	2871.4	2865.1	2869.8	2871.4	2872.9	2879.1	2880.7	2886.8
40°	3085.3	3071.4	3058.9	3051.2	3038.8	3021.7	3018.6	3010.9	3015.6	3014.0	3015.6
42.5°	3361.2	3322.5	3293.0	3271.4	3246.5	3227.9	3214.0	3193.8	3179.8	3162.8	3159.7
45°	3713.2	3640.3	3590.7	3555.1	3519.4	3468.2	3438.8	3407.7	3379.8	3351.9	3328.7
47.5°	4175.2	4097.7	4018.6	3953.5	3897.7	3815.6	3731.8	3685.3	3631.0	3583.0	3548.9
50°	4719.4	4626.4	4589.1	4497.7	4427.9	4303.9	4200.0	4124.0	4015.6	3942.6	3879.1
52.5°	5276.0	5252.8	5232.6	5155.1	5072.9	5001.6	4910.1	4776.8	4666.7	4583.0	4452.8
55°	6034.2	6045.0	6037.2	5995.4	5965.9	5897.7	5860.5	5744.2	5694.6	5573.7	5437.2
57.5°	7310.1	7397.0	7507.0	7550.5	7609.3	7553.5	7618.7	7697.7	7500.8	7569.1	7446.6
60°	8939.6	9338.0	9575.2	9866.8	10057.5	10324.1	10372.2	10441.9	10421.7	10460.5	10539.6
62.5°	9934.9	10407.8	10862.1	11192.3	11545.8	11741.2	11976.8	12141.2	12311.7	12426.4	12393.8
65°	10228.0	10714.8	11127.2	11488.4	11804.7	12043.5	12262.1	12468.3	12624.9	12735.0	12800.1
67.5°	9152.0	9787.7	10221.7	10645.0	11052.8	11304.0	11486.9	11686.9	11916.4	12107.1	12144.3
70°	6886.8	7840.3	8455.9	8962.8	9441.9	9779.9	10035.7	10221.7	10400.1	10536.5	10685.4
72.5°	4307.0	5141.1	5845.0	6502.4	7010.9	7476.0	7691.5	8104.0	8049.6	8153.5	8265.2
75°	2581.4	2987.6	3375.2	3838.8	4105.4	4493.1	4562.8	4631.0	4595.4	4479.1	4565.9
77.5°	1793.8	1860.5	1857.4	1831.0	1803.1	1734.9	1646.5	1598.4	1565.9	1519.4	1538.0
80°	1804.7	1660.5	1440.3	1210.9	1000.0	860.5	804.7	804.7	862.1	944.2	1026.3
82.5°	2156.6	2003.1	1786.1	1494.6	1184.5	964.4	817.0	758.1	769.0	852.7	958.1
85°	1454.2	1488.4	1305.4	1193.8	945.8	736.5	617.0	500.7	443.4	457.4	517.9
87.5°	52.7	63.5	23.3	31.0	21.7	18.6	18.6	20.2	14.0	17.0	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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8
2.5°	1443.5	1441.9	1441.9	1438.8	1438.8	1437.2	1437.2	1435.6	1434.1	1434.1	1432.6
5°	1477.5	1476.0	1472.8	1471.4	1468.2	1468.2	1466.7	1463.5	1463.5	1460.5	1458.9
7.5°	1525.6	1522.5	1519.4	1517.9	1516.3	1511.6	1511.6	1508.6	1508.6	1505.4	1503.9
10°	1583.0	1579.8	1576.8	1578.3	1573.7	1572.1	1569.0	1569.0	1564.4	1562.8	1562.8
12.5°	1644.9	1643.5	1643.5	1638.8	1637.2	1635.6	1629.5	1629.5	1629.5	1626.3	1627.9
15°	1711.6	1713.2	1708.6	1713.2	1711.6	1707.0	1707.0	1707.0	1700.8	1708.6	1702.3
17.5°	1801.6	1806.2	1803.1	1804.7	1801.6	1801.6	1803.1	1801.6	1804.7	1804.7	1814.0
20°	1913.2	1914.7	1922.5	1919.4	1919.4	1917.9	1920.9	1922.5	1928.7	1925.6	1931.8
22.5°	2035.6	2043.5	2044.9	2051.2	2051.2	2049.6	2052.8	2058.9	2062.1	2066.7	2065.1
25°	2175.2	2179.8	2186.1	2178.3	2190.7	2190.7	2193.8	2201.6	2203.1	2203.1	2214.0
27.5°	2305.4	2317.9	2319.4	2327.2	2322.5	2325.6	2336.5	2341.1	2347.3	2347.3	2350.4
30°	2452.8	2457.4	2460.5	2469.8	2468.2	2469.8	2471.4	2479.1	2479.1	2486.8	2494.6
32.5°	2604.7	2607.7	2610.9	2620.2	2623.3	2629.5	2626.3	2632.6	2640.3	2641.9	2646.5
35°	2786.1	2789.1	2792.3	2806.2	2807.7	2818.6	2821.7	2818.6	2831.0	2823.3	2831.0
37.5°	2891.5	2905.4	2908.6	2917.9	2914.7	2922.5	2927.2	2933.3	2936.5	2942.6	2955.1
40°	3020.2	3024.9	3034.2	3038.8	3044.9	3046.5	3052.8	3057.4	3062.1	3076.0	3090.0
42.5°	3151.9	3158.2	3162.8	3169.0	3176.8	3183.0	3187.6	3201.6	3204.7	3214.0	3240.3
45°	3311.6	3308.6	3310.1	3311.6	3314.7	3322.5	3336.5	3350.4	3359.7	3381.4	3403.1
47.5°	3510.1	3490.0	3482.2	3469.8	3472.9	3490.0	3493.0	3516.3	3534.9	3555.1	3581.4
50°	3810.9	3756.6	3724.0	3691.5	3688.4	3697.7	3710.1	3734.9	3756.6	3783.0	3820.2
52.5°	4316.3	4212.4	4147.3	4057.4	4032.6	4027.9	4018.6	4032.6	4038.8	4074.4	4144.2
55°	5339.6	5147.3	5023.3	4883.8	4753.5	4714.7	4640.3	4655.8	4640.3	4662.1	4765.9
57.5°	7476.0	7322.6	7201.6	7023.3	6800.0	6562.8	6503.9	6260.5	6308.6	6448.1	6358.2
60°	10578.4	10522.6	10435.7	10350.5	10045.0	9872.9	9592.3	9561.3	9364.4	9365.9	9237.3
62.5°	12314.8	12386.1	12333.4	12308.6	12291.5	12237.3	12097.7	11930.3	11679.1	11497.7	11231.0
65°	12811.0	12750.5	12693.1	12685.4	12680.7	12769.1	12789.2	12671.4	12443.5	12161.3	11854.3
67.5°	12232.6	12198.5	12201.7	12136.5	12176.8	12330.3	12437.3	12404.7	12195.4	11854.3	11463.6
70°	10855.9	10789.2	10857.5	10942.7	11003.1	11091.5	11198.5	11224.9	11034.2	10683.8	10285.4
72.5°	8128.7	8139.6	8204.7	8228.0	8471.4	8446.6	8542.7	8229.5	8091.5	7758.2	7553.5
75°	4277.5	4207.7	4389.1	4004.7	3846.5	3956.6	3648.1	3351.9	3414.0	3465.1	3096.1
77.5°	1511.6	1414.0	1248.1	1181.4	983.0	832.6	680.7	614.0	578.3	559.7	536.5
80°	1085.3	1116.3	1082.1	1001.6	851.2	682.1	538.0	424.8	364.4	331.8	310.0
82.5°	1097.7	1220.2	1274.4	1251.2	1114.7	843.4	556.6	355.1	263.5	220.2	204.7
85°	589.1	644.9	620.2	522.5	469.8	280.7	192.3	128.7	108.6	99.3	91.4
87.5°	23.3	18.6	15.5	15.5	17.0	18.6	15.5	17.0	15.5	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°	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8	1424.8
2.5°	1429.5	1429.5	1429.5	1427.9	1424.8	1417.0	1409.3	1403.1	1398.4	1393.8	1387.6
5°	1457.4	1454.2	1454.2	1454.2	1441.9	1429.5	1418.6	1407.7	1398.4	1390.7	1384.5
7.5°	1503.9	1502.3	1496.1	1494.6	1485.3	1465.1	1452.8	1434.1	1423.3	1412.4	1409.3
10°	1559.7	1558.1	1556.6	1555.1	1542.6	1522.5	1507.0	1490.0	1474.4	1458.9	1443.5
12.5°	1624.8	1623.3	1621.7	1617.0	1612.4	1601.6	1584.5	1565.9	1547.3	1514.7	1497.7
15°	1705.4	1708.6	1705.4	1703.9	1700.8	1702.3	1691.5	1665.1	1635.6	1593.8	1558.1
17.5°	1812.4	1809.3	1807.7	1814.0	1812.4	1820.2	1817.0	1783.0	1738.0	1671.4	1609.3
20°	1930.2	1930.2	1936.5	1941.1	1955.1	1975.2	1965.9	1924.0	1841.9	1748.8	1668.2
22.5°	2071.4	2074.4	2080.7	2077.5	2099.3	2131.8	2134.9	2076.0	1969.0	1840.3	1727.2
25°	2218.6	2221.7	2215.5	2224.9	2260.5	2307.0	2316.3	2232.6	2091.5	1924.0	1776.8
27.5°	2358.2	2361.2	2361.2	2373.7	2407.7	2486.8	2496.1	2403.1	2215.5	1996.9	1812.4
30°	2494.6	2507.0	2510.1	2513.2	2564.4	2674.4	2694.6	2559.7	2324.0	2051.2	1837.2
32.5°	2666.7	2671.4	2677.5	2685.3	2744.2	2879.1	2879.1	2694.6	2393.8	2085.3	1841.9
35°	2851.2	2852.8	2866.7	2868.2	2951.9	3086.8	3060.5	2806.2	2443.5	2077.5	1807.7
37.5°	2962.8	2969.0	2983.0	3001.6	3090.0	3280.7	3220.2	2902.3	2452.8	2026.3	1730.2
40°	3100.8	3113.2	3127.2	3145.8	3277.5	3477.5	3355.1	2962.8	2414.0	1925.6	1614.0
42.5°	3249.6	3266.7	3288.4	3322.5	3479.1	3651.2	3457.4	2972.1	2325.6	1812.4	1476.0
45°	3417.0	3448.1	3472.9	3513.2	3690.0	3801.6	3519.4	2917.9	2214.0	1663.5	1328.7
47.5°	3610.9	3635.7	3679.1	3722.5	3899.3	3903.9	3525.6	2812.4	2062.1	1514.7	1172.1
50°	3849.6	3865.1	3930.3	3956.6	4122.5	4010.9	3480.7	2669.8	1902.3	1347.3	998.4
52.5°	4167.5	4189.1	4272.9	4313.2	4431.0	4156.6	3417.0	2514.7	1719.4	1159.7	820.2
55°	4795.4	4890.0	4948.9	5018.6	5094.6	4486.8	3389.1	2348.9	1513.2	942.6	649.6
57.5°	6558.2	6527.2	6657.4	6815.6	6814.0	5241.9	3556.6	2206.2	1269.8	720.9	499.3
60°	9184.5	9214.0	9147.3	9241.9	8941.2	6178.4	3786.1	2055.8	995.4	536.5	381.4
62.5°	11136.5	10965.9	10871.4	10759.8	10097.7	6280.7	3618.6	1747.3	724.0	376.7	293.0
65°	11598.5	11398.5	11195.4	10983.0	9984.5	5662.1	2969.0	1282.1	468.2	258.9	232.6
67.5°	11142.7	10821.7	10562.9	10344.2	9148.9	4693.1	2170.5	787.6	268.2	209.3	198.4
70°	9961.3	9606.3	9187.7	8942.7	7704.0	3458.9	1390.7	424.8	206.2	186.0	181.4
72.5°	7291.5	7000.0	6542.6	6262.1	5531.8	2102.3	776.7	238.8	192.3	178.3	172.1
75°	2840.3	2688.4	2497.7	2513.2	2243.5	930.2	351.9	206.2	187.6	175.2	169.0
77.5°	488.4	476.0	440.3	440.3	500.7	339.5	234.1	207.7	186.0	172.1	161.2
80°	293.0	286.8	272.8	269.8	260.5	238.8	224.8	210.9	183.0	162.8	148.8
82.5°	192.3	184.5	179.8	178.3	193.8	209.3	210.9	209.3	173.7	141.1	120.9
85°	82.1	82.1	82.1	83.7	111.6	169.0	173.7	186.0	142.6	110.0	86.8
87.5°	14.0	17.0	17.0	18.6	20.2	37.2	46.5	60.5	48.1	46.5	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°	1424.8	1424.8	1424.8
2.5°	1386.1	1383.0	1383.0
5°	1381.4	1378.3	1379.8
7.5°	1400.0	1393.8	1395.4
10°	1434.1	1427.9	1424.8
12.5°	1477.5	1469.8	1469.8
15°	1522.5	1503.9	1502.3
17.5°	1559.7	1536.5	1533.3
20°	1601.6	1570.5	1565.9
22.5°	1640.3	1598.4	1592.3
25°	1668.2	1617.0	1609.3
27.5°	1680.7	1620.2	1614.0
30°	1690.0	1621.7	1612.4
32.5°	1680.7	1607.7	1600.0
35°	1629.5	1550.4	1545.8
37.5°	1541.1	1452.8	1446.5
40°	1424.8	1331.8	1316.3
42.5°	1276.0	1189.1	1172.1
45°	1131.8	1032.6	1024.8
47.5°	976.8	882.1	886.8
50°	814.0	728.7	727.2
52.5°	658.9	584.5	579.8
55°	519.4	466.7	462.0
57.5°	410.9	383.0	378.3
60°	334.9	320.9	316.3
62.5°	269.8	265.1	263.5
65°	224.8	224.8	224.8
67.5°	195.4	196.9	196.9
70°	179.8	181.4	179.8
72.5°	173.7	178.3	178.3
75°	169.0	172.1	165.9
77.5°	165.9	167.4	156.6
80°	164.4	162.8	142.6
82.5°	142.6	138.0	120.9
85°	130.2	99.3	83.7
87.5°	66.7	46.5	35.6
90°	0.0	0.0	0.0

(END OF REPORT)