

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: P154418

Luminaire Tested: **VXS-E06-LED-E1-T2-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154418
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: VXS-E06-LED-E1-T2-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15515.2 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

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



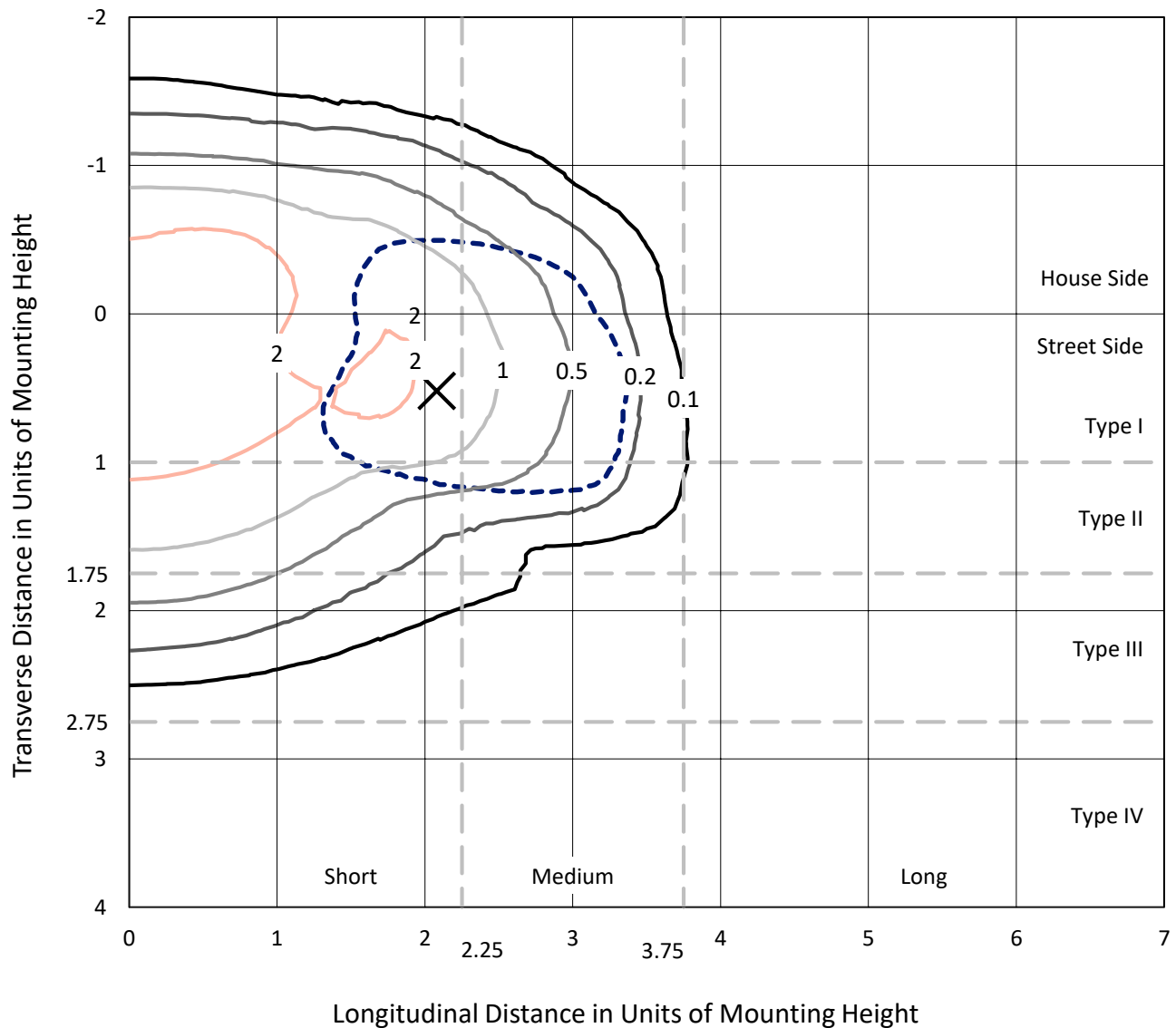
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Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd

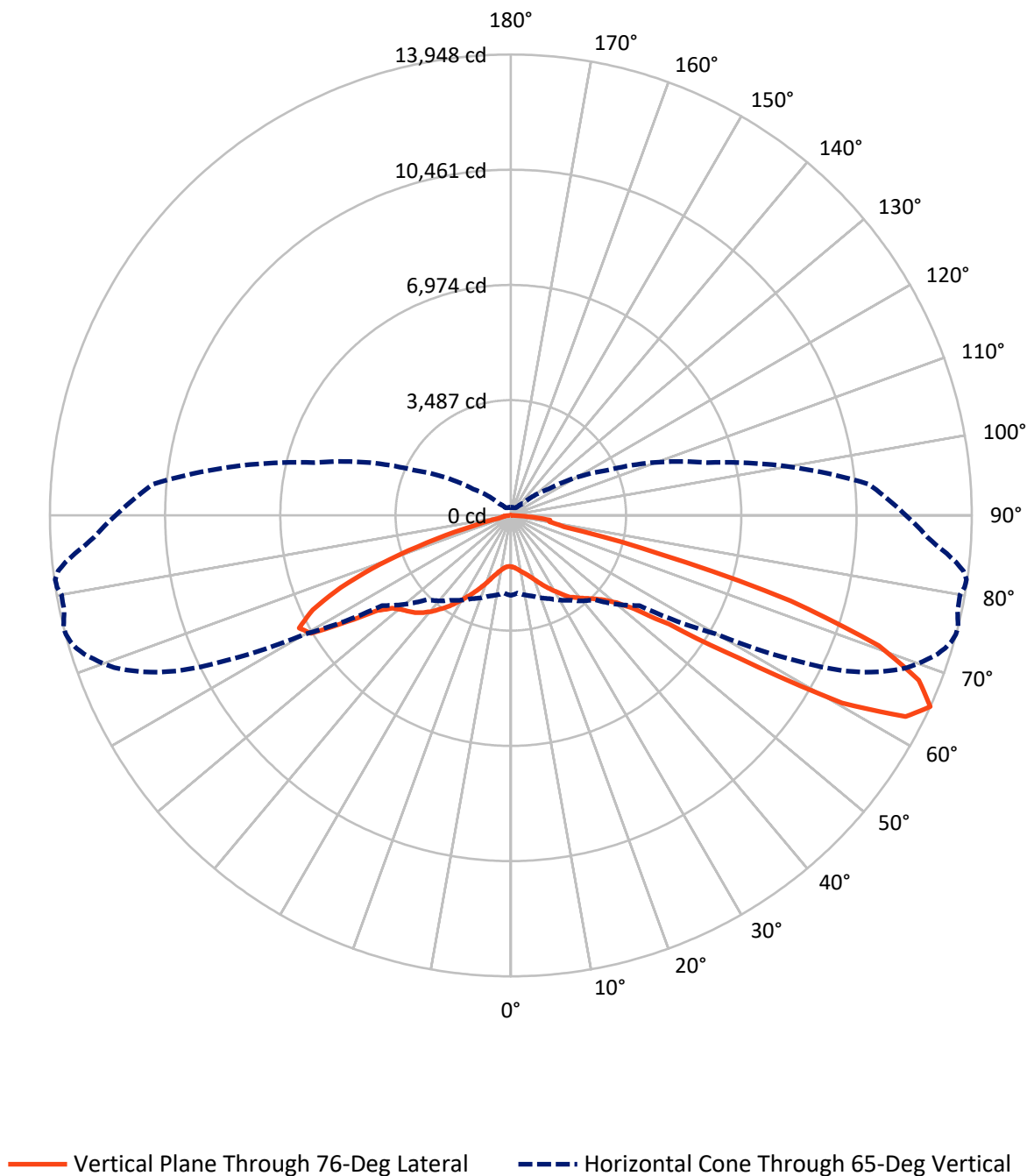


Based on 25 foot mounting height. Maximum calculated value = 3 fc
Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5433.0	0.0	5433.0
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	10082.2	0.0	10082.2
	% Fixture	65.0	0.0	65.0
Total	Lumens	15515.2	0.0	15515.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.3	1.0
10°-20°	533.6	3.4
20°-30°	1048.2	6.8
30°-40°	1741.7	11.2
40°-50°	2559.3	16.5
50°-60°	3543.3	22.8
60°-70°	4229.2	27.3
70°-80°	1495.6	9.6
80°-90°	209.0	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°	15515.2	100.0
0°-180°	15515.2	100.0

Coefficient of Utilization



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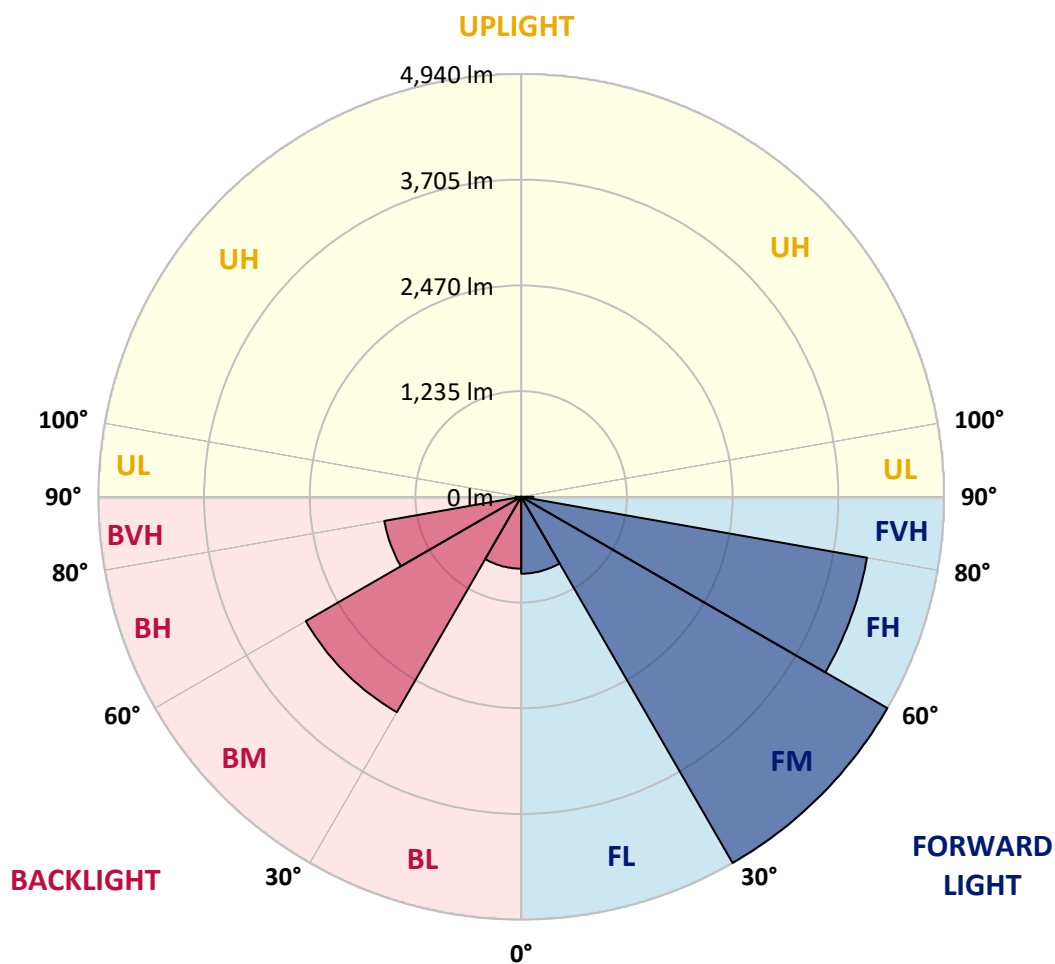
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	897.7	5.8			
FM	(30°-60°)	4939.6	31.8			
FH	(60°-80°)	4102.0	26.4			G2/5000
FVH	(80°-90°)	142.8	0.9			G2/225
BL	(0°-30°)	839.4	5.4	B2/1000		
BM	(30°-60°)	2904.7	18.7	B3/5000		
BH	(60°-80°)	1622.8	10.5	B3/2500		G3/2500
BVH	(80°-90°)	66.1	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°	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3
2.5°	1618.8	1620.4	1617.1	1615.4	1610.4	1601.9	1595.1	1588.4	1588.4	1588.4	1583.3
5°	1689.6	1693.1	1686.3	1681.2	1666.0	1657.6	1645.8	1637.3	1634.0	1632.2	1627.3
7.5°	1779.2	1774.1	1763.9	1760.5	1748.7	1730.2	1708.2	1691.4	1691.4	1689.6	1691.4
10°	1868.6	1855.1	1850.1	1845.0	1826.4	1802.8	1777.4	1758.9	1757.2	1755.5	1750.5
12.5°	1958.0	1953.0	1948.0	1929.3	1910.8	1873.7	1845.0	1826.4	1824.7	1826.4	1819.7
15°	2076.3	2064.4	2059.4	2027.3	1986.7	1946.2	1910.8	1893.9	1888.8	1890.6	1885.5
17.5°	2167.4	2167.4	2155.5	2120.1	2067.8	2012.1	1974.9	1964.8	1963.1	1963.1	1964.8
20°	2240.0	2238.2	2226.4	2197.7	2135.3	2079.6	2061.0	2057.6	2056.0	2056.0	2061.0
22.5°	2280.4	2277.1	2272.0	2240.0	2191.0	2153.9	2155.5	2165.7	2169.0	2172.4	2179.2
25°	2300.7	2295.6	2294.0	2272.0	2236.6	2231.5	2261.9	2288.9	2295.6	2302.4	2310.9
27.5°	2334.5	2326.0	2329.4	2320.9	2312.5	2327.8	2390.2	2418.9	2423.9	2432.3	2437.4
30°	2427.4	2423.9	2437.4	2440.8	2447.6	2469.5	2526.9	2553.9	2565.7	2565.7	2589.3
32.5°	2604.6	2606.2	2609.6	2645.1	2656.9	2672.1	2702.5	2724.4	2726.1	2727.8	2749.7
35°	2842.6	2852.6	2881.3	2911.8	2940.4	2938.8	2920.2	2932.0	2923.6	2933.7	2935.4
37.5°	3143.0	3129.5	3171.7	3240.9	3284.8	3273.0	3190.3	3136.3	3151.5	3144.7	3139.7
40°	3374.3	3389.4	3470.5	3561.7	3595.4	3632.5	3524.5	3431.7	3418.1	3392.8	3377.6
42.5°	3693.3	3695.0	3760.8	3828.4	3926.2	4007.3	3938.0	3804.7	3764.2	3733.8	3668.0
45°	3988.7	3983.6	4037.6	4120.4	4236.8	4353.3	4378.7	4233.5	4218.2	4164.2	4078.1
47.5°	4186.2	4179.5	4216.6	4324.6	4513.7	4704.5	4809.0	4765.2	4736.5	4714.5	4579.5
50°	4319.6	4306.0	4348.3	4463.0	4674.0	4967.8	5241.1	5278.3	5266.5	5266.5	5180.4
52.5°	4419.2	4419.2	4449.5	4542.4	4756.7	5123.0	5612.5	5799.9	5815.1	5832.0	5826.9
55°	4363.4	4371.9	4447.9	4582.9	4809.0	5231.1	5919.8	6329.9	6414.3	6485.2	6566.2
57.5°	4172.6	4201.3	4302.7	4523.8	4822.6	5312.1	6260.7	7072.6	7310.7	7516.6	7837.3
60°	3894.2	3931.3	4078.1	4360.1	4723.0	5180.4	6380.6	7700.6	8078.7	8527.7	9365.0
62.5°	3416.5	3453.6	3597.1	3879.0	4189.5	4675.8	5884.4	7793.4	8397.7	9034.1	10300.1
65°	2420.5	2361.5	2526.9	2780.1	3136.3	3607.3	4755.0	7170.6	8039.9	8902.4	10465.5
67.5°	1348.7	1343.6	1444.9	1634.0	1974.9	2481.3	3276.4	5499.5	6299.6	7276.9	9196.2
70°	930.1	940.2	1004.4	1208.6	1490.5	1927.7	2334.5	3453.6	4029.2	4692.5	6579.8
72.5°	653.3	675.2	710.7	832.1	1120.8	1623.8	2385.1	2064.4	2351.4	2803.7	3956.6
75°	383.2	398.3	423.7	482.8	638.0	1085.4	2469.5	1814.6	1814.6	1920.9	2393.6
77.5°	236.3	236.3	251.5	275.1	339.3	531.7	1758.9	2039.1	1981.7	1920.9	1926.0
80°	121.6	129.9	151.9	163.7	189.0	243.1	789.9	1902.4	2086.3	2209.5	2123.5
82.5°	55.8	62.5	92.8	99.6	109.7	128.3	271.8	1082.0	1449.9	1909.1	2385.1
85°	28.7	28.7	48.9	60.7	65.8	59.1	99.6	437.2	661.7	1009.4	1580.0
87.5°	5.1	5.1	8.4	10.2	15.2	13.5	16.9	25.3	42.2	45.6	47.3
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3
2.5°	1581.7	1583.3	1581.7	1580.0	1576.6	1576.6	1576.6	1574.9	1574.9	1574.9	1573.2
5°	1627.3	1620.4	1622.2	1618.8	1617.1	1615.4	1617.1	1613.7	1610.4	1612.0	1610.4
7.5°	1684.6	1681.2	1674.5	1674.5	1672.7	1669.4	1669.4	1664.4	1662.7	1659.3	1657.6
10°	1748.7	1740.3	1743.7	1740.3	1742.0	1735.2	1731.9	1728.5	1725.1	1725.1	1726.8
12.5°	1814.6	1812.8	1807.9	1804.5	1804.5	1799.4	1801.0	1799.4	1794.3	1792.6	1787.6
15°	1882.1	1882.1	1877.0	1878.8	1877.0	1873.7	1870.3	1870.3	1866.9	1863.5	1865.2
17.5°	1961.5	1961.5	1961.5	1961.5	1963.1	1958.0	1959.8	1956.4	1953.0	1959.8	1959.8
20°	2064.4	2071.2	2071.2	2069.4	2077.9	2072.8	2071.2	2079.6	2071.2	2083.0	2081.2
22.5°	2182.6	2189.3	2189.3	2196.1	2197.7	2202.8	2206.2	2202.8	2209.5	2216.3	2216.3
25°	2314.2	2320.9	2326.0	2336.2	2341.2	2337.8	2339.6	2348.0	2351.4	2358.1	2364.9
27.5°	2452.6	2454.3	2461.0	2472.8	2481.3	2484.7	2486.4	2499.9	2501.6	2505.0	2511.7
30°	2587.7	2604.6	2601.1	2616.4	2621.5	2626.5	2636.6	2641.7	2653.5	2660.3	2660.3
32.5°	2746.3	2743.0	2756.5	2768.3	2776.7	2785.2	2793.6	2800.3	2807.2	2810.5	2827.4
35°	2943.8	2950.6	2950.6	2952.3	2972.5	2974.2	2980.9	2996.2	3001.2	3011.4	3018.1
37.5°	3139.7	3127.9	3126.1	3126.1	3119.4	3124.5	3126.1	3127.9	3134.6	3136.3	3143.0
40°	3359.1	3343.9	3330.4	3322.0	3308.4	3289.8	3286.5	3278.0	3283.1	3281.5	3283.1
42.5°	3659.6	3617.3	3585.3	3561.7	3534.6	3514.4	3499.2	3477.2	3462.1	3443.5	3440.1
45°	4042.7	3963.4	3909.3	3870.6	3831.7	3776.1	3743.9	3710.2	3679.8	3649.4	3624.1
47.5°	4545.7	4461.3	4375.2	4304.4	4243.6	4154.1	4063.0	4012.3	3953.3	3900.9	3863.8
50°	5138.2	5036.9	4996.5	4896.8	4820.8	4685.8	4572.7	4490.1	4371.9	4292.5	4223.3
52.5°	5744.2	5718.9	5696.9	5612.5	5523.1	5445.4	5345.8	5200.6	5080.8	4989.6	4847.9
55°	6569.6	6581.5	6573.0	6527.5	6495.3	6421.0	6380.6	6254.0	6200.0	6068.3	5919.8
57.5°	7958.9	8053.4	8173.2	8220.5	8284.7	8223.8	8294.7	8380.8	8166.4	8240.7	8107.4
60°	9733.0	10166.7	10425.0	10742.3	10949.9	11240.3	11292.6	11368.6	11346.6	11388.8	11474.9
62.5°	10816.6	11331.4	11826.0	12185.5	12570.4	12783.1	13039.7	13218.5	13404.2	13529.2	13493.7
65°	11135.6	11665.6	12114.6	12508.0	12852.3	13112.2	13350.3	13574.7	13745.3	13865.1	13936.0
67.5°	9964.1	10656.3	11128.9	11589.6	12033.6	12307.0	12506.2	12724.0	12973.8	13181.5	13222.0
70°	7498.0	8536.2	9206.2	9758.2	10279.8	10647.8	10926.3	11128.9	11323.0	11471.5	11633.6
72.5°	4689.2	5597.3	6363.7	7079.4	7633.1	8139.5	8374.1	8823.1	8764.0	8877.1	8998.7
75°	2810.5	3252.7	3674.7	4179.5	4469.7	4891.8	4967.8	5042.0	5003.2	4876.6	4971.1
77.5°	1953.0	2025.6	2022.2	1993.5	1963.1	1888.8	1792.6	1740.3	1704.9	1654.2	1674.5
80°	1964.8	1807.9	1568.2	1318.3	1088.7	936.8	876.1	876.1	938.5	1028.0	1117.4
82.5°	2348.0	2180.8	1944.6	1627.3	1289.6	1049.9	889.5	825.4	837.2	928.4	1043.2
85°	1583.3	1620.4	1421.2	1299.8	1029.6	801.8	671.8	545.2	482.8	497.9	563.8
87.5°	57.4	69.2	25.3	33.8	23.6	20.2	20.2	22.0	15.2	18.5	16.9
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3
2.5°	1571.5	1569.8	1569.8	1566.4	1566.4	1564.8	1564.8	1563.1	1561.3	1561.3	1559.7
5°	1608.6	1606.9	1603.6	1601.9	1598.5	1598.5	1596.8	1593.5	1593.5	1590.1	1588.4
7.5°	1660.9	1657.6	1654.2	1652.5	1650.9	1645.8	1645.8	1642.4	1642.4	1639.1	1637.3
10°	1723.4	1720.1	1716.7	1718.3	1713.3	1711.6	1708.2	1708.2	1703.2	1701.5	1701.5
12.5°	1791.0	1789.2	1789.2	1784.1	1782.5	1780.8	1774.1	1774.1	1774.1	1770.7	1772.3
15°	1863.5	1865.2	1860.2	1865.2	1863.5	1858.4	1858.4	1858.4	1851.7	1860.2	1853.4
17.5°	1961.5	1966.5	1963.1	1964.8	1961.5	1961.5	1963.1	1961.5	1964.8	1964.8	1974.9
20°	2083.0	2084.7	2093.1	2089.7	2089.7	2088.1	2091.4	2093.1	2099.9	2096.5	2103.2
22.5°	2216.3	2224.8	2226.4	2233.2	2233.2	2231.5	2234.9	2241.7	2245.0	2250.1	2248.4
25°	2368.3	2373.3	2380.1	2371.6	2385.1	2385.1	2388.5	2396.9	2398.7	2398.7	2410.5
27.5°	2510.1	2523.5	2525.2	2533.7	2528.6	2532.0	2543.8	2548.8	2555.6	2555.6	2559.0
30°	2670.4	2675.4	2678.9	2688.9	2687.3	2688.9	2690.7	2699.1	2699.1	2707.6	2716.0
32.5°	2835.9	2839.2	2842.6	2852.6	2856.1	2862.8	2859.5	2866.2	2874.6	2876.3	2881.3
35°	3033.3	3036.7	3040.1	3055.2	3056.9	3068.7	3072.1	3068.7	3082.3	3073.8	3082.3
37.5°	3148.1	3163.3	3166.6	3176.8	3173.4	3181.9	3186.9	3193.7	3197.0	3203.8	3217.3
40°	3288.2	3293.3	3303.4	3308.4	3315.2	3316.9	3323.6	3328.7	3333.8	3348.9	3364.1
42.5°	3431.7	3438.4	3443.5	3450.3	3458.7	3465.4	3470.5	3485.7	3489.0	3499.2	3527.9
45°	3605.5	3602.2	3603.8	3605.5	3608.9	3617.3	3632.5	3647.8	3657.8	3681.5	3705.1
47.5°	3821.6	3799.7	3791.2	3777.7	3781.0	3799.7	3803.0	3828.4	3848.6	3870.6	3899.3
50°	4149.0	4089.9	4054.5	4019.1	4015.8	4025.8	4039.4	4066.3	4089.9	4118.7	4159.2
52.5°	4699.4	4586.2	4515.3	4417.4	4390.5	4385.4	4375.2	4390.5	4397.2	4436.1	4512.0
55°	5813.4	5604.1	5469.0	5317.1	5175.3	5133.2	5052.1	5069.0	5052.1	5075.8	5188.8
57.5°	8139.5	7972.3	7840.7	7646.5	7403.5	7145.2	7081.0	6816.1	6868.4	7020.3	6922.4
60°	11517.1	11456.4	11361.8	11269.0	10936.5	10749.1	10443.5	10409.7	10195.4	10197.1	10057.0
62.5°	13407.7	13485.3	13427.9	13400.9	13382.3	13323.2	13171.3	12989.0	12715.5	12518.0	12227.8
65°	13947.8	13882.0	13819.5	13811.1	13806.0	13902.2	13924.1	13795.9	13547.8	13240.5	12906.3
67.5°	13318.1	13281.0	13284.5	13213.5	13257.4	13424.6	13541.0	13505.5	13277.6	12906.3	12480.9
70°	11819.3	11746.6	11820.9	11913.8	11979.6	12075.9	12192.3	12221.0	12013.4	11631.9	11198.0
72.5°	8850.1	8861.9	8932.8	8958.1	9223.1	9196.2	9300.8	8959.8	8809.5	8446.6	8223.8
75°	4657.1	4581.1	4778.7	4360.1	4187.9	4307.8	3971.8	3649.4	3716.9	3772.6	3370.9
77.5°	1645.8	1539.5	1358.9	1286.2	1070.2	906.4	741.0	668.4	629.6	609.3	584.0
80°	1181.6	1215.3	1178.2	1090.5	926.7	742.7	585.7	462.5	396.7	361.2	337.6
82.5°	1195.1	1328.4	1387.6	1362.2	1213.7	918.2	606.0	386.5	286.9	239.7	222.8
85°	641.5	702.2	675.2	568.8	511.5	305.5	209.3	140.1	118.1	108.0	99.6
87.5°	25.3	20.2	16.9	16.9	18.5	20.2	16.9	18.5	16.9	16.9	16.9
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3	1551.3
2.5°	1556.3	1556.3	1556.3	1554.6	1551.3	1542.8	1534.4	1527.7	1522.6	1517.5	1510.8
5°	1586.7	1583.3	1583.3	1583.3	1569.8	1556.3	1544.5	1532.6	1522.6	1514.1	1507.4
7.5°	1637.3	1635.6	1628.9	1627.3	1617.1	1595.1	1581.7	1561.3	1549.5	1537.7	1534.4
10°	1698.1	1696.4	1694.7	1693.1	1679.6	1657.6	1640.7	1622.2	1605.3	1588.4	1571.5
12.5°	1769.0	1767.4	1765.6	1760.5	1755.5	1743.7	1725.1	1704.9	1684.6	1649.1	1630.6
15°	1856.8	1860.2	1856.8	1855.1	1851.7	1853.4	1841.6	1812.8	1780.8	1735.2	1696.4
17.5°	1973.3	1969.8	1968.2	1974.9	1973.3	1981.7	1978.3	1941.1	1892.2	1819.7	1752.1
20°	2101.6	2101.6	2108.3	2113.4	2128.5	2150.5	2140.3	2094.8	2005.3	1904.0	1816.3
22.5°	2255.1	2258.5	2265.3	2261.9	2285.5	2320.9	2324.4	2260.2	2143.7	2003.6	1880.4
25°	2415.5	2418.9	2412.1	2422.3	2461.0	2511.7	2521.9	2430.7	2277.1	2094.8	1934.4
27.5°	2567.5	2570.8	2570.8	2584.2	2621.5	2707.6	2717.6	2616.4	2412.1	2174.1	1973.3
30°	2716.0	2729.4	2732.8	2736.3	2791.9	2911.8	2933.7	2786.8	2530.3	2233.2	2000.2
32.5°	2903.3	2908.4	2915.1	2923.6	2987.8	3134.6	3134.6	2933.7	2606.2	2270.4	2005.3
35°	3104.2	3105.9	3121.0	3122.8	3213.9	3360.7	3332.1	3055.2	2660.3	2261.9	1968.2
37.5°	3225.7	3232.4	3247.7	3268.0	3364.1	3571.8	3505.9	3159.9	2670.4	2206.2	1883.8
40°	3376.0	3389.4	3404.7	3424.9	3568.4	3786.1	3652.7	3225.7	2628.2	2096.5	1757.2
42.5°	3538.0	3556.6	3580.2	3617.3	3787.9	3975.2	3764.2	3235.9	2532.0	1973.3	1606.9
45°	3720.3	3754.1	3781.0	3825.0	4017.4	4139.0	3831.7	3176.8	2410.5	1811.2	1446.6
47.5°	3931.3	3958.3	4005.6	4052.8	4245.3	4250.4	3838.4	3062.0	2245.0	1649.1	1276.2
50°	4191.3	4208.2	4279.1	4307.8	4488.4	4366.8	3789.5	2906.7	2071.2	1466.8	1087.0
52.5°	4537.3	4560.9	4652.1	4696.0	4824.2	4525.5	3720.3	2737.9	1872.0	1262.6	893.0
55°	5220.9	5323.9	5388.1	5464.0	5546.7	4885.0	3689.9	2557.3	1647.5	1026.3	707.3
57.5°	7140.2	7106.4	7248.2	7420.4	7418.7	5707.0	3872.2	2402.0	1382.5	784.9	543.5
60°	9999.6	10031.7	9959.1	10062.1	9734.6	6726.6	4122.1	2238.2	1083.7	584.0	415.2
62.5°	12124.8	11939.1	11836.2	11714.6	10993.8	6838.0	3939.8	1902.4	788.3	410.2	319.1
65°	12627.8	12410.1	12188.9	11957.6	10870.6	6164.6	3232.4	1396.0	509.7	281.9	253.2
67.5°	12131.5	11782.1	11500.2	11262.2	9960.8	5109.5	2363.2	857.5	292.0	227.9	216.1
70°	10845.3	10458.8	10003.0	9736.3	8387.6	3765.9	1514.1	462.5	224.5	202.6	197.5
72.5°	7938.5	7621.2	7123.3	6817.7	6022.7	2288.9	845.7	260.0	209.3	194.1	187.4
75°	3092.3	2926.9	2719.4	2736.3	2442.5	1012.7	383.2	224.5	204.2	190.8	184.0
77.5°	531.7	518.2	479.4	479.4	545.2	369.6	254.9	226.2	202.6	187.4	175.5
80°	319.1	312.2	297.1	293.7	283.6	260.0	244.8	229.5	199.2	177.2	162.1
82.5°	209.3	200.8	195.9	194.1	211.0	227.9	229.5	227.9	189.0	153.6	131.7
85°	89.4	89.4	89.4	91.2	121.6	184.0	189.0	202.6	155.3	119.9	94.5
87.5°	15.2	18.5	18.5	20.2	22.0	40.5	50.7	65.8	52.3	50.7	45.6
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):

	165°	175°	180°
0°	1551.3	1551.3	1551.3
2.5°	1509.0	1505.7	1505.7
5°	1504.0	1500.6	1502.3
7.5°	1524.2	1517.5	1519.2
10°	1561.3	1554.6	1551.3
12.5°	1608.6	1600.2	1600.2
15°	1657.6	1637.3	1635.6
17.5°	1698.1	1672.7	1669.4
20°	1743.7	1709.9	1704.9
22.5°	1785.9	1740.3	1733.6
25°	1816.3	1760.5	1752.1
27.5°	1829.7	1763.9	1757.2
30°	1839.9	1765.6	1755.5
32.5°	1829.7	1750.5	1742.0
35°	1774.1	1688.0	1682.9
37.5°	1677.8	1581.7	1574.9
40°	1551.3	1449.9	1433.1
42.5°	1389.2	1294.7	1276.2
45°	1232.2	1124.1	1115.8
47.5°	1063.4	960.4	965.5
50°	886.2	793.4	791.7
52.5°	717.4	636.4	631.3
55°	565.5	508.1	503.0
57.5°	447.4	416.9	411.9
60°	364.6	349.4	344.4
62.5°	293.7	288.6	286.9
65°	244.8	244.8	244.8
67.5°	212.6	214.4	214.4
70°	195.9	197.5	195.9
72.5°	189.0	194.1	194.1
75°	184.0	187.4	180.6
77.5°	180.6	182.3	170.5
80°	179.0	177.2	155.3
82.5°	155.3	150.3	131.7
85°	141.8	108.0	91.2
87.5°	72.5	50.7	38.9
90°	0.0	0.0	0.0

(END OF REPORT)