

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: P154363

Luminaire Tested: **VXM-F06-LED-E1-T2-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154363
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: VXM-F06-LED-E1-T2-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12808.2 lumens
Efficiency: N/A
Efficacy: 81.8 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): 156.5
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



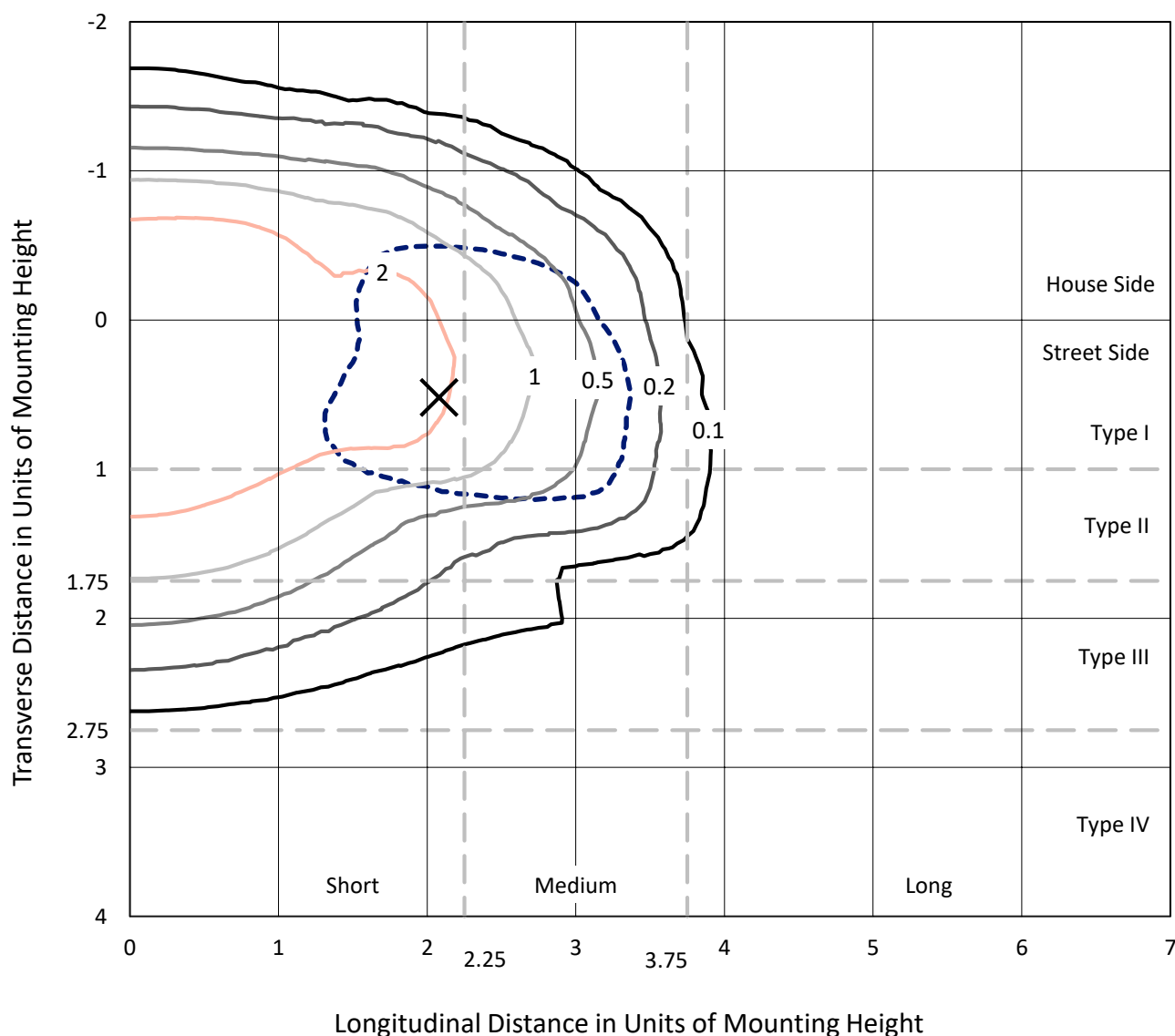
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

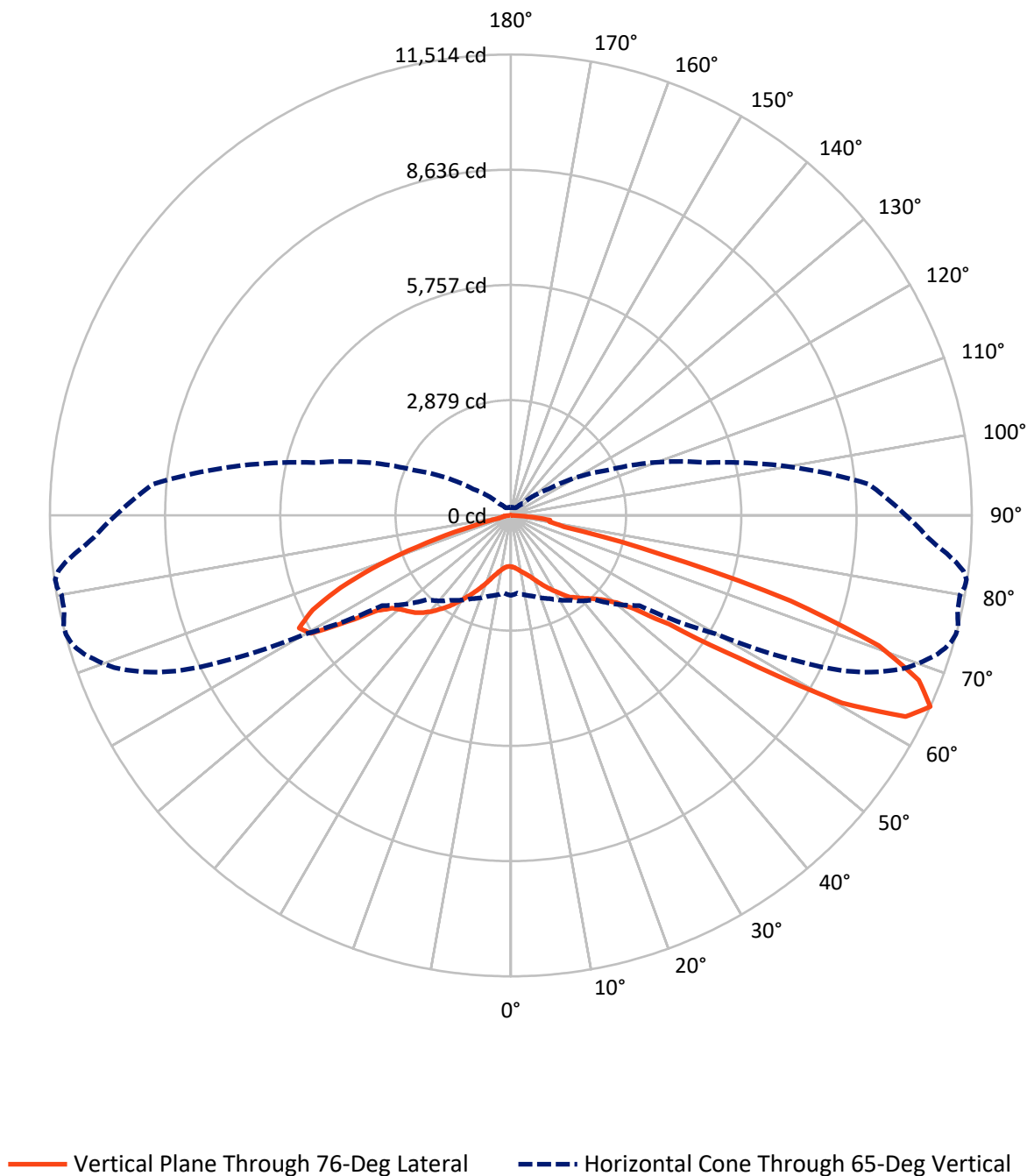


Based on 20 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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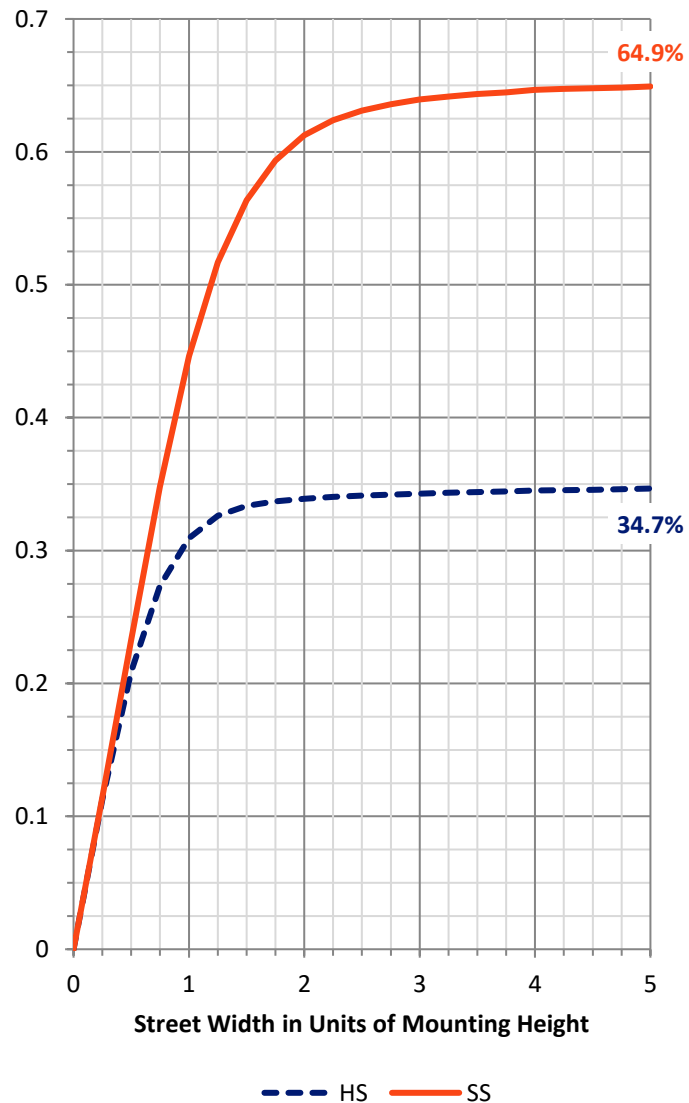
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4485.1	0.0	4485.1
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	8323.1	0.0	8323.1
	% Fixture	65.0	0.0	65.0
Total	Lumens	12808.2	0.0	12808.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.2	1.0
10°-20°	440.5	3.4
20°-30°	865.3	6.8
30°-40°	1437.8	11.2
40°-50°	2112.7	16.5
50°-60°	2925.1	22.8
60°-70°	3491.3	27.3
70°-80°	1234.7	9.6
80°-90°	172.5	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°	12808.2	100.0
0°-180°	12808.2	100.0

Coefficient of Utilization



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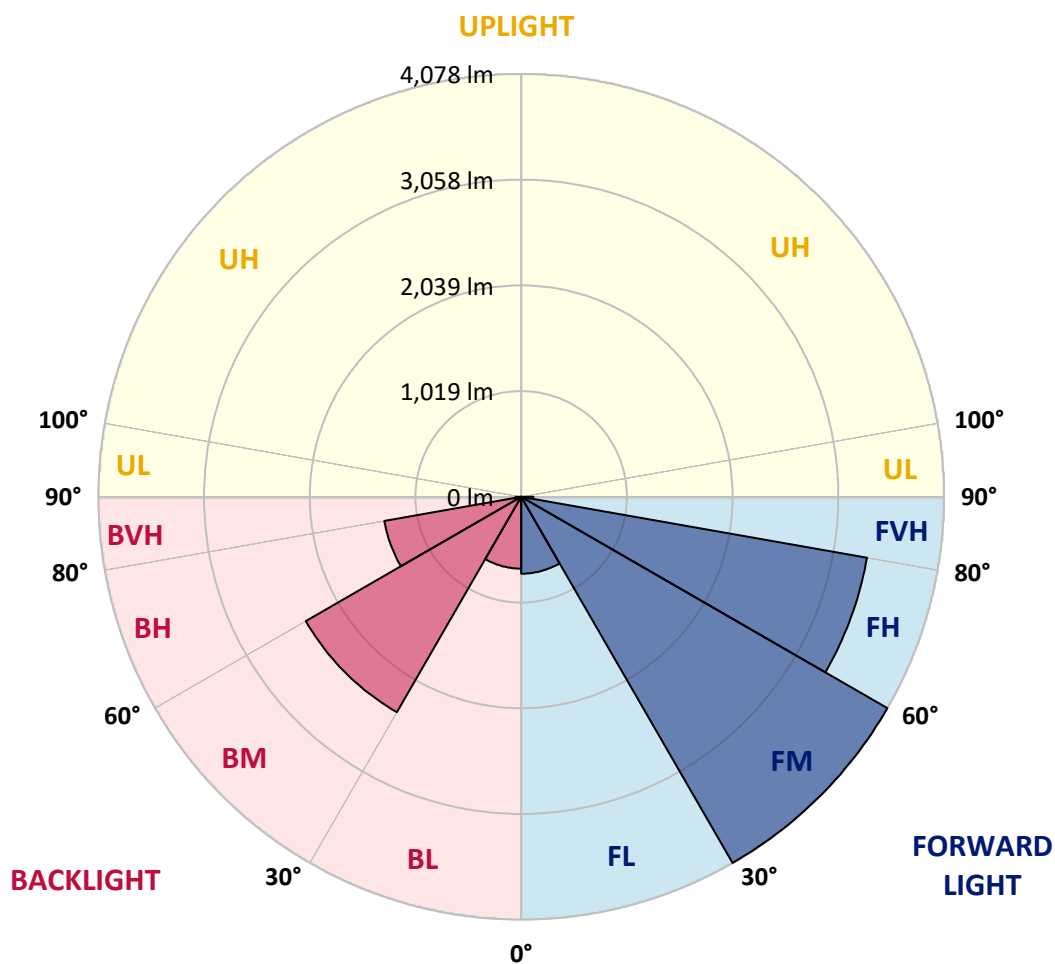
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	741.1	5.8			
FM	(30°-60°)	4077.7	31.8			
FH	(60°-80°)	3386.3	26.4			G2/5000
FVH	(80°-90°)	117.9	0.9			G2/225
BL	(0°-30°)	692.9	5.4	B2/1000		
BM	(30°-60°)	2397.9	18.7	B2/2500		
BH	(60°-80°)	1339.7	10.5	B3/2500		G3/2500
BVH	(80°-90°)	54.6	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°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1336.3	1337.7	1334.9	1333.6	1329.4	1322.4	1316.8	1311.3	1311.3	1311.3	1307.1
5°	1394.9	1397.7	1392.1	1387.9	1375.4	1368.4	1358.6	1351.7	1348.9	1347.5	1343.3
7.5°	1468.7	1464.5	1456.2	1453.4	1443.6	1428.3	1410.2	1396.3	1396.3	1394.9	1396.3
10°	1542.6	1531.4	1527.2	1523.1	1507.7	1488.2	1467.3	1452.0	1450.6	1449.2	1445.0
12.5°	1616.4	1612.2	1608.1	1592.7	1577.4	1546.8	1523.1	1507.7	1506.3	1507.7	1502.2
15°	1714.0	1704.2	1700.0	1673.6	1640.1	1606.7	1577.4	1563.5	1559.3	1560.7	1556.5
17.5°	1789.2	1789.2	1779.5	1750.2	1707.0	1661.0	1630.4	1622.0	1620.6	1620.6	1622.0
20°	1849.1	1847.7	1838.0	1814.3	1762.7	1716.8	1701.4	1698.6	1697.2	1697.2	1701.4
22.5°	1882.6	1879.8	1875.6	1849.1	1808.7	1778.1	1779.5	1787.8	1790.6	1793.4	1799.0
25°	1899.3	1895.1	1893.7	1875.6	1846.3	1842.2	1867.3	1889.5	1895.1	1900.7	1907.7
27.5°	1927.2	1920.2	1923.0	1916.0	1909.1	1921.6	1973.2	1996.8	2001.0	2008.0	2012.2
30°	2003.8	2001.0	2012.2	2015.0	2020.5	2038.6	2086.0	2108.3	2118.1	2118.1	2137.6
32.5°	2150.1	2151.5	2154.3	2183.6	2193.3	2205.9	2230.9	2249.1	2250.5	2251.8	2270.0
35°	2346.6	2355.0	2378.7	2403.7	2427.4	2426.0	2410.7	2420.5	2413.5	2421.9	2423.2
37.5°	2594.6	2583.5	2618.3	2675.5	2711.7	2701.9	2633.7	2589.1	2601.6	2596.0	2591.9
40°	2785.5	2798.1	2865.0	2940.2	2968.1	2998.7	2909.6	2832.9	2821.8	2800.9	2788.3
42.5°	3048.9	3050.3	3104.7	3160.4	3241.2	3308.1	3251.0	3140.9	3107.4	3082.4	3028.0
45°	3292.8	3288.6	3333.2	3401.5	3497.6	3593.8	3614.7	3494.8	3482.3	3437.7	3366.6
47.5°	3455.8	3450.2	3480.9	3570.1	3726.1	3883.6	3970.0	3933.8	3910.1	3892.0	3780.5
50°	3565.9	3554.7	3589.6	3684.3	3858.5	4101.0	4326.7	4357.4	4347.6	4347.6	4276.6
52.5°	3648.1	3648.1	3673.2	3749.8	3926.8	4229.2	4633.3	4788.0	4800.5	4814.4	4810.3
55°	3602.1	3609.1	3671.8	3783.3	3970.0	4318.4	4886.9	5225.5	5295.2	5353.7	5420.6
57.5°	3444.7	3468.3	3552.0	3734.5	3981.1	4385.3	5168.4	5838.6	6035.1	6205.1	6469.9
60°	3214.7	3245.4	3366.6	3599.3	3898.9	4276.6	5267.3	6357.0	6669.2	7039.8	7731.0
62.5°	2820.4	2851.0	2969.5	3202.2	3458.6	3859.9	4857.6	6433.7	6932.5	7457.9	8503.0
65°	1998.2	1949.5	2086.0	2295.0	2589.1	2977.8	3925.4	5919.5	6637.1	7349.2	8639.5
67.5°	1113.4	1109.2	1192.8	1348.9	1630.4	2048.4	2704.7	4539.9	5200.4	6007.3	7591.6
70°	767.8	776.2	829.1	997.7	1230.4	1591.3	1927.2	2851.0	3326.2	3873.8	5431.8
72.5°	539.3	557.4	586.7	687.0	925.3	1340.5	1969.0	1704.2	1941.1	2314.6	3266.3
75°	316.3	328.9	349.8	398.5	526.7	896.0	2038.6	1498.0	1498.0	1585.8	1975.9
77.5°	195.1	195.1	207.6	227.1	280.1	438.9	1452.0	1683.3	1635.9	1585.8	1590.0
80°	100.3	107.3	125.4	135.2	156.1	200.7	652.1	1570.4	1722.3	1824.1	1753.0
82.5°	46.0	51.6	76.6	82.2	90.6	105.9	224.3	893.2	1197.0	1576.0	1969.0
85°	23.7	23.7	40.4	50.2	54.3	48.8	82.2	360.9	546.2	833.3	1304.3
87.5°	4.2	4.2	7.0	8.4	12.5	11.1	13.9	20.9	34.8	37.6	39.0
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1305.7	1307.1	1305.7	1304.3	1301.5	1301.5	1301.5	1300.1	1300.1	1300.1	1298.7
5°	1343.3	1337.7	1339.1	1336.3	1334.9	1333.6	1334.9	1332.2	1329.4	1330.8	1329.4
7.5°	1390.7	1387.9	1382.3	1382.3	1380.9	1378.1	1378.1	1374.0	1372.6	1369.8	1368.4
10°	1443.6	1436.7	1439.5	1436.7	1438.1	1432.5	1429.7	1426.9	1424.1	1424.1	1425.5
12.5°	1498.0	1496.6	1492.4	1489.6	1489.6	1485.4	1486.8	1485.4	1481.3	1479.9	1475.7
15°	1553.7	1553.7	1549.5	1550.9	1549.5	1546.8	1544.0	1544.0	1541.2	1538.4	1539.8
17.5°	1619.2	1619.2	1619.2	1619.2	1620.6	1616.4	1617.8	1615.0	1612.2	1617.8	1617.8
20°	1704.2	1709.8	1709.8	1708.4	1715.4	1711.2	1709.8	1716.8	1709.8	1719.5	1718.1
22.5°	1801.8	1807.3	1807.3	1812.9	1814.3	1818.5	1821.3	1818.5	1824.1	1829.6	1829.6
25°	1910.4	1916.0	1920.2	1928.6	1932.7	1930.0	1931.4	1938.3	1941.1	1946.7	1952.3
27.5°	2024.7	2026.1	2031.7	2041.4	2048.4	2051.2	2052.6	2063.7	2065.1	2067.9	2073.5
30°	2136.2	2150.1	2147.3	2159.9	2164.1	2168.2	2176.6	2180.8	2190.5	2196.1	2196.1
32.5°	2267.2	2264.4	2275.5	2285.3	2292.3	2299.2	2306.2	2311.8	2317.3	2320.1	2334.1
35°	2430.2	2435.8	2435.8	2437.2	2453.9	2455.3	2460.9	2473.4	2477.6	2486.0	2491.5
37.5°	2591.9	2582.1	2580.7	2580.7	2575.1	2579.3	2580.7	2582.1	2587.7	2589.1	2594.6
40°	2773.0	2760.5	2749.3	2742.4	2731.2	2715.9	2713.1	2706.1	2710.3	2708.9	2710.3
42.5°	3021.0	2986.2	2959.7	2940.2	2917.9	2901.2	2888.7	2870.6	2858.0	2842.7	2839.9
45°	3337.4	3271.9	3227.3	3195.2	3163.2	3117.2	3090.7	3062.8	3037.8	3012.7	2991.8
47.5°	3752.6	3682.9	3611.9	3553.4	3503.2	3429.3	3354.1	3312.3	3263.5	3220.3	3189.7
50°	4241.7	4158.1	4124.7	4042.5	3979.8	3868.3	3774.9	3706.6	3609.1	3543.6	3486.5
52.5°	4742.0	4721.1	4703.0	4633.3	4559.4	4495.3	4413.1	4293.3	4194.3	4119.1	4002.0
55°	5423.4	5433.1	5426.2	5388.6	5362.1	5300.8	5267.3	5162.8	5118.2	5009.5	4886.9
57.5°	6570.2	6648.3	6747.2	6786.2	6839.2	6789.0	6847.5	6918.6	6741.6	6802.9	6692.8
60°	8034.8	8392.9	8606.1	8868.1	9039.4	9279.1	9322.3	9385.0	9366.9	9401.7	9472.8
62.5°	8929.4	9354.4	9762.7	10059.5	10377.2	10552.8	10764.6	10912.3	11065.6	11168.7	11139.4
65°	9192.7	9630.3	10000.9	10325.6	10609.9	10824.5	11021.0	11206.3	11347.0	11446.0	11504.5
67.5°	8225.7	8797.0	9187.2	9567.6	9934.1	10159.8	10324.2	10504.0	10710.2	10881.6	10915.1
70°	6189.8	7046.8	7600.0	8055.7	8486.2	8790.0	9019.9	9187.2	9347.4	9470.0	9603.8
72.5°	3871.1	4620.8	5253.4	5844.2	6301.3	6719.3	6913.0	7283.7	7234.9	7328.3	7428.6
75°	2320.1	2685.2	3033.6	3450.2	3689.9	4038.3	4101.0	4162.3	4130.2	4025.7	4103.8
77.5°	1612.2	1672.2	1669.4	1645.7	1620.6	1559.3	1479.9	1436.7	1407.4	1365.6	1382.3
80°	1622.0	1492.4	1294.5	1088.3	898.8	773.4	723.2	723.2	774.8	848.6	922.5
82.5°	1938.3	1800.4	1605.3	1343.3	1064.6	866.7	734.4	681.4	691.2	766.4	861.2
85°	1307.1	1337.7	1173.3	1073.0	850.0	661.9	554.6	450.1	398.5	411.1	465.4
87.5°	47.4	57.1	20.9	27.9	19.5	16.7	16.7	18.1	12.5	15.3	13.9
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°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1297.3	1295.9	1295.9	1293.1	1293.1	1291.7	1291.7	1290.4	1289.0	1289.0	1287.6
5°	1328.0	1326.6	1323.8	1322.4	1319.6	1319.6	1318.2	1315.4	1315.4	1312.6	1311.3
7.5°	1371.2	1368.4	1365.6	1364.2	1362.8	1358.6	1358.6	1355.8	1355.8	1353.1	1351.7
10°	1422.7	1419.9	1417.2	1418.6	1414.4	1413.0	1410.2	1410.2	1406.0	1404.6	1404.6
12.5°	1478.5	1477.1	1477.1	1472.9	1471.5	1470.1	1464.5	1464.5	1464.5	1461.8	1463.1
15°	1538.4	1539.8	1535.6	1539.8	1538.4	1534.2	1534.2	1534.2	1528.6	1535.6	1530.0
17.5°	1619.2	1623.4	1620.6	1622.0	1619.2	1619.2	1620.6	1619.2	1622.0	1622.0	1630.4
20°	1719.5	1720.9	1727.9	1725.1	1725.1	1723.7	1726.5	1727.9	1733.5	1730.7	1736.3
22.5°	1829.6	1836.6	1838.0	1843.6	1843.6	1842.2	1845.0	1850.5	1853.3	1857.5	1856.1
25°	1955.0	1959.2	1964.8	1957.8	1969.0	1969.0	1971.8	1978.7	1980.1	1980.1	1989.9
27.5°	2072.1	2083.2	2084.6	2091.6	2087.4	2090.2	2100.0	2104.1	2109.7	2109.7	2112.5
30°	2204.5	2208.7	2211.4	2219.8	2218.4	2219.8	2221.2	2228.2	2228.2	2235.1	2242.1
32.5°	2341.0	2343.8	2346.6	2355.0	2357.8	2363.3	2360.5	2366.1	2373.1	2374.5	2378.7
35°	2504.1	2506.9	2509.6	2522.2	2523.6	2533.3	2536.1	2533.3	2544.5	2537.5	2544.5
37.5°	2598.8	2611.4	2614.2	2622.5	2619.7	2626.7	2630.9	2636.4	2639.2	2644.8	2656.0
40°	2714.5	2718.7	2727.0	2731.2	2736.8	2738.2	2743.7	2747.9	2752.1	2764.6	2777.2
42.5°	2832.9	2838.5	2842.7	2848.3	2855.2	2860.8	2865.0	2877.5	2880.3	2888.7	2912.4
45°	2976.5	2973.7	2975.1	2976.5	2979.2	2986.2	2998.7	3011.3	3019.7	3039.2	3058.7
47.5°	3154.8	3136.7	3129.7	3118.6	3121.4	3136.7	3139.5	3160.4	3177.1	3195.2	3218.9
50°	3425.2	3376.4	3347.1	3317.9	3315.1	3323.4	3334.6	3356.9	3376.4	3400.1	3433.5
52.5°	3879.4	3786.1	3727.5	3646.7	3624.4	3620.2	3611.9	3624.4	3630.0	3662.0	3724.7
55°	4799.1	4626.3	4514.8	4389.4	4272.4	4237.5	4170.7	4184.6	4170.7	4190.2	4283.5
57.5°	6719.3	6581.4	6472.7	6312.4	6111.8	5898.6	5845.6	5626.8	5670.0	5795.4	5714.6
60°	9507.7	9457.5	9379.5	9302.8	9028.3	8873.6	8621.4	8593.5	8416.6	8418.0	8302.3
62.5°	11068.3	11132.4	11085.1	11062.8	11047.4	10998.7	10873.3	10722.8	10497.0	10334.0	10094.3
65°	11514.3	11459.9	11408.3	11401.4	11397.2	11476.6	11494.7	11388.8	11184.0	10930.4	10654.5
67.5°	10994.5	10963.8	10966.6	10908.1	10944.3	11082.3	11178.4	11149.2	10961.0	10654.5	10303.3
70°	9757.1	9697.2	9758.5	9835.1	9889.5	9968.9	10065.0	10088.7	9917.3	9602.4	9244.3
72.5°	7306.0	7315.7	7374.2	7395.2	7613.9	7591.6	7678.0	7396.5	7272.5	6972.9	6789.0
75°	3844.6	3781.9	3944.9	3599.3	3457.2	3556.1	3278.8	3012.7	3068.4	3114.4	2782.8
77.5°	1358.6	1270.8	1121.7	1061.8	883.5	748.3	611.7	551.8	519.8	503.0	482.1
80°	975.4	1003.3	972.6	900.2	765.0	613.1	483.5	381.8	327.5	298.2	278.7
82.5°	986.6	1096.7	1145.4	1124.5	1001.9	758.0	500.3	319.1	236.9	197.9	183.9
85°	529.5	579.7	557.4	469.6	422.2	252.2	172.8	115.7	97.5	89.2	82.2
87.5°	20.9	16.7	13.9	13.9	15.3	16.7	13.9	15.3	13.9	13.9	13.9
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°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1284.8	1284.8	1284.8	1283.4	1280.6	1273.6	1266.7	1261.1	1256.9	1252.7	1247.2
5°	1309.9	1307.1	1307.1	1307.1	1295.9	1284.8	1275.0	1265.3	1256.9	1249.9	1244.4
7.5°	1351.7	1350.3	1344.7	1343.3	1334.9	1316.8	1305.7	1289.0	1279.2	1269.5	1266.7
10°	1401.8	1400.4	1399.0	1397.7	1386.5	1368.4	1354.5	1339.1	1325.2	1311.3	1297.3
12.5°	1460.4	1459.0	1457.6	1453.4	1449.2	1439.5	1424.1	1407.4	1390.7	1361.4	1346.1
15°	1532.8	1535.6	1532.8	1531.4	1528.6	1530.0	1520.3	1496.6	1470.1	1432.5	1400.4
17.5°	1629.0	1626.2	1624.8	1630.4	1629.0	1635.9	1633.1	1602.5	1562.1	1502.2	1446.4
20°	1734.9	1734.9	1740.4	1744.6	1757.2	1775.3	1766.9	1729.3	1655.4	1571.8	1499.4
22.5°	1861.7	1864.5	1870.0	1867.3	1886.8	1916.0	1918.8	1865.9	1769.7	1654.1	1552.3
25°	1994.1	1996.8	1991.3	1999.6	2031.7	2073.5	2081.8	2006.6	1879.8	1729.3	1596.9
27.5°	2119.5	2122.3	2122.3	2133.4	2164.1	2235.1	2243.5	2159.9	1991.3	1794.8	1629.0
30°	2242.1	2253.2	2256.0	2258.8	2304.8	2403.7	2421.9	2300.6	2088.8	1843.6	1651.3
32.5°	2396.8	2401.0	2406.5	2413.5	2466.4	2587.7	2587.7	2421.9	2151.5	1874.2	1655.4
35°	2562.6	2564.0	2576.5	2577.9	2653.2	2774.4	2750.7	2522.2	2196.1	1867.3	1624.8
37.5°	2662.9	2668.5	2681.0	2697.8	2777.2	2948.6	2894.2	2608.6	2204.5	1821.3	1555.1
40°	2786.9	2798.1	2810.6	2827.4	2945.8	3125.6	3015.5	2662.9	2169.6	1730.7	1450.6
42.5°	2920.7	2936.0	2955.6	2986.2	3126.9	3281.6	3107.4	2671.3	2090.2	1629.0	1326.6
45°	3071.2	3099.1	3121.4	3157.6	3316.5	3416.8	3163.2	2622.5	1989.9	1495.2	1194.2
47.5°	3245.4	3267.7	3306.7	3345.7	3504.6	3508.8	3168.8	2527.8	1853.3	1361.4	1053.5
50°	3460.0	3473.9	3532.4	3556.1	3705.2	3604.9	3128.3	2399.6	1709.8	1210.9	897.4
52.5°	3745.7	3765.2	3840.4	3876.6	3982.5	3735.9	3071.2	2260.2	1545.4	1042.3	737.1
55°	4310.0	4395.0	4448.0	4510.7	4578.9	4032.7	3046.1	2111.1	1360.0	847.2	583.9
57.5°	5894.4	5866.5	5983.6	6125.7	6124.3	4711.3	3196.6	1982.9	1141.3	648.0	448.7
60°	8254.9	8281.4	8221.5	8306.5	8036.1	5553.0	3402.9	1847.7	894.6	482.1	342.8
62.5°	10009.3	9856.0	9771.0	9670.7	9075.7	5645.0	3252.4	1570.4	650.8	338.6	263.4
65°	10424.6	10244.8	10062.3	9871.3	8974.0	5089.0	2668.5	1152.4	420.8	232.7	209.0
67.5°	10014.9	9726.4	9493.7	9297.2	8222.9	4218.0	1950.9	707.9	241.1	188.1	178.4
70°	8953.1	8633.9	8257.7	8037.5	6924.2	3108.8	1249.9	381.8	185.3	167.2	163.0
72.5°	6553.5	6291.5	5880.4	5628.2	4971.9	1889.5	698.1	214.6	172.8	160.2	154.7
75°	2552.8	2416.3	2244.9	2258.8	2016.4	836.1	316.3	185.3	168.6	157.5	151.9
77.5°	438.9	427.8	395.7	395.7	450.1	305.2	210.4	186.7	167.2	154.7	144.9
80°	263.4	257.8	245.3	242.5	234.1	214.6	202.1	189.5	164.4	146.3	133.8
82.5°	172.8	165.8	161.6	160.2	174.2	188.1	189.5	188.1	156.1	126.8	108.7
85°	73.9	73.9	73.9	75.2	100.3	151.9	156.1	167.2	128.2	98.9	78.0
87.5°	12.5	15.3	15.3	16.7	18.1	33.4	41.8	54.3	43.2	41.8	37.6
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°	1280.6	1280.6	1280.6
2.5°	1245.8	1243.0	1243.0
5°	1241.6	1238.8	1240.2
7.5°	1258.3	1252.7	1254.1
10°	1289.0	1283.4	1280.6
12.5°	1328.0	1321.0	1321.0
15°	1368.4	1351.7	1350.3
17.5°	1401.8	1380.9	1378.1
20°	1439.5	1411.6	1407.4
22.5°	1474.3	1436.7	1431.1
25°	1499.4	1453.4	1446.4
27.5°	1510.5	1456.2	1450.6
30°	1518.9	1457.6	1449.2
32.5°	1510.5	1445.0	1438.1
35°	1464.5	1393.5	1389.3
37.5°	1385.1	1305.7	1300.1
40°	1280.6	1197.0	1183.1
42.5°	1146.8	1068.8	1053.5
45°	1017.2	928.1	921.1
47.5°	877.9	792.9	797.1
50°	731.6	654.9	653.5
52.5°	592.2	525.3	521.2
55°	466.8	419.4	415.3
57.5°	369.3	344.2	340.0
60°	301.0	288.4	284.3
62.5°	242.5	238.3	236.9
65°	202.1	202.1	202.1
67.5°	175.6	177.0	177.0
70°	161.6	163.0	161.6
72.5°	156.1	160.2	160.2
75°	151.9	154.7	149.1
77.5°	149.1	150.5	140.7
80°	147.7	146.3	128.2
82.5°	128.2	124.0	108.7
85°	117.1	89.2	75.2
87.5°	59.9	41.8	32.0
90°	0.0	0.0	0.0

(END OF REPORT)