

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: P154402

Luminaire Tested: **VXS-E04-LED-E1-T2-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154402
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-E04-LED-E1-T2-7060
Description: VISION SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (84) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12575.3 lumens
Efficiency: N/A
Efficacy: 129.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 97.2
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



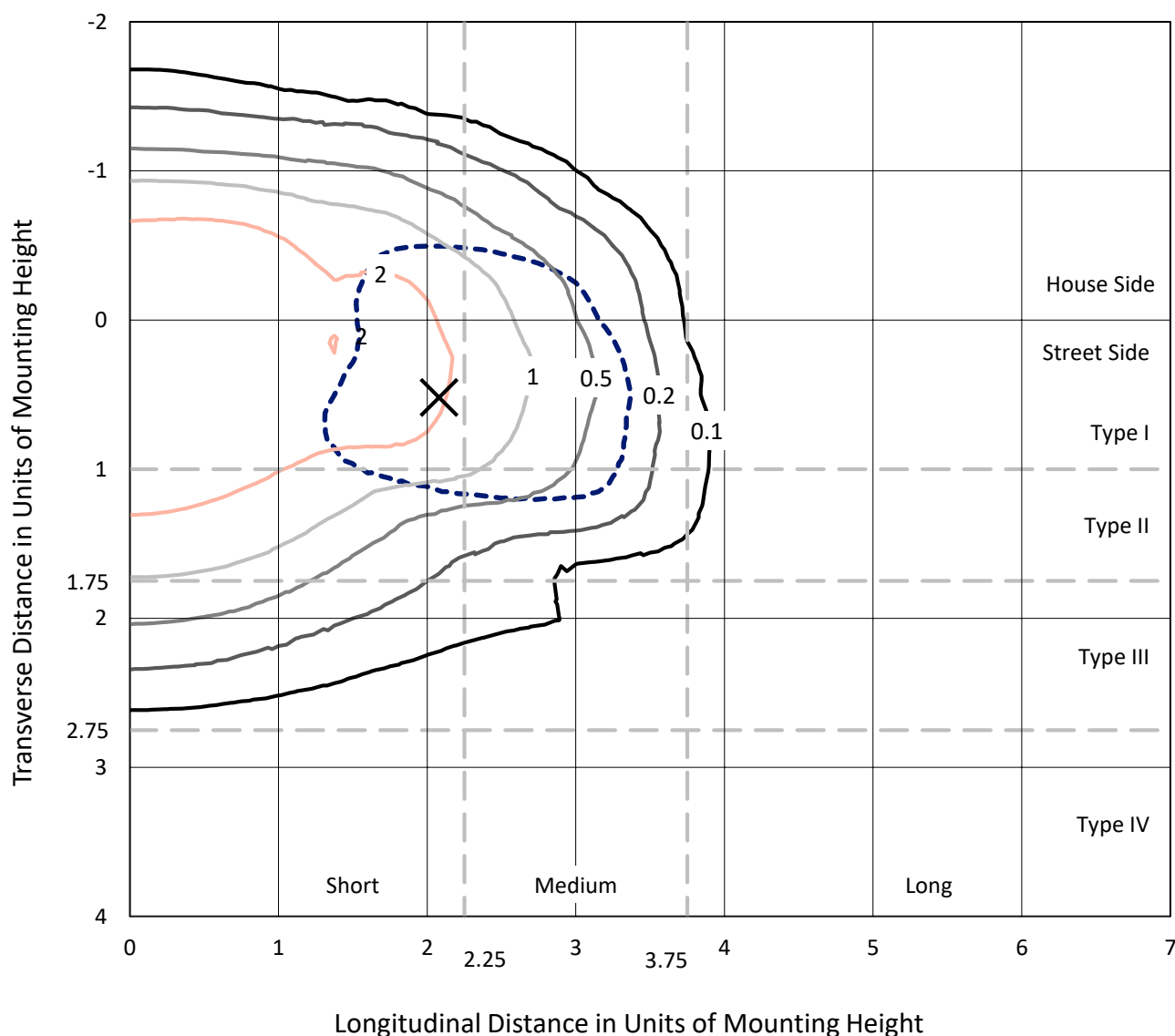
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

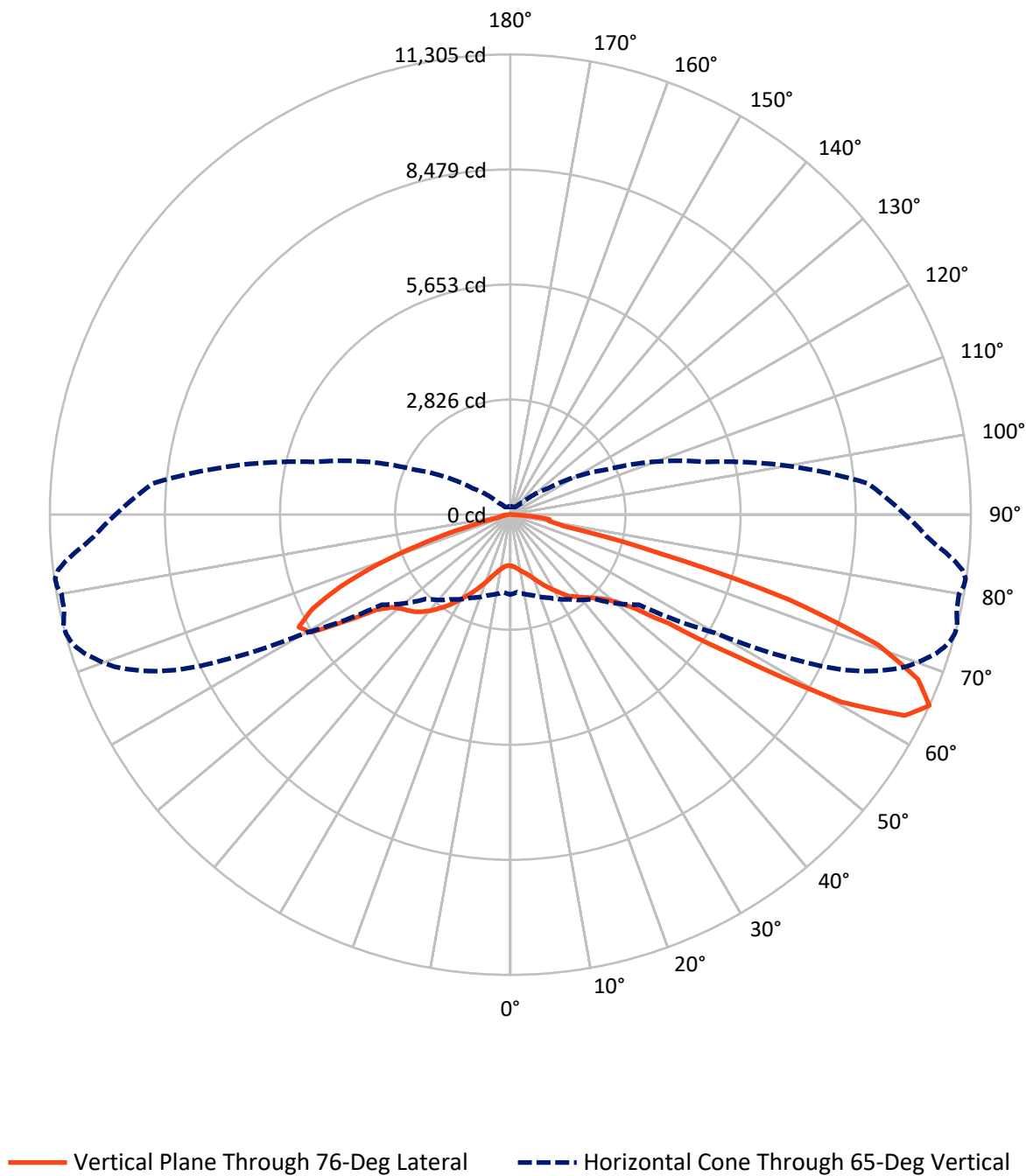


Based on 20 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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CATALOG NUMBER: VXS-E04-LED-E1-T2-7060

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4403.6	0.0	4403.6
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	8171.8	0.0	8171.8
	% Fixture	65.0	0.0	65.0
Total	Lumens	12575.3	0.0	12575.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.9	1.0
10°-20°	432.5	3.4
20°-30°	849.6	6.8
30°-40°	1411.7	11.2
40°-50°	2074.3	16.5
50°-60°	2871.9	22.8
60°-70°	3427.9	27.3
70°-80°	1212.3	9.6
80°-90°	169.4	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°	12575.3	100.0
0°-180°	12575.3	100.0

Coefficient of Utilization



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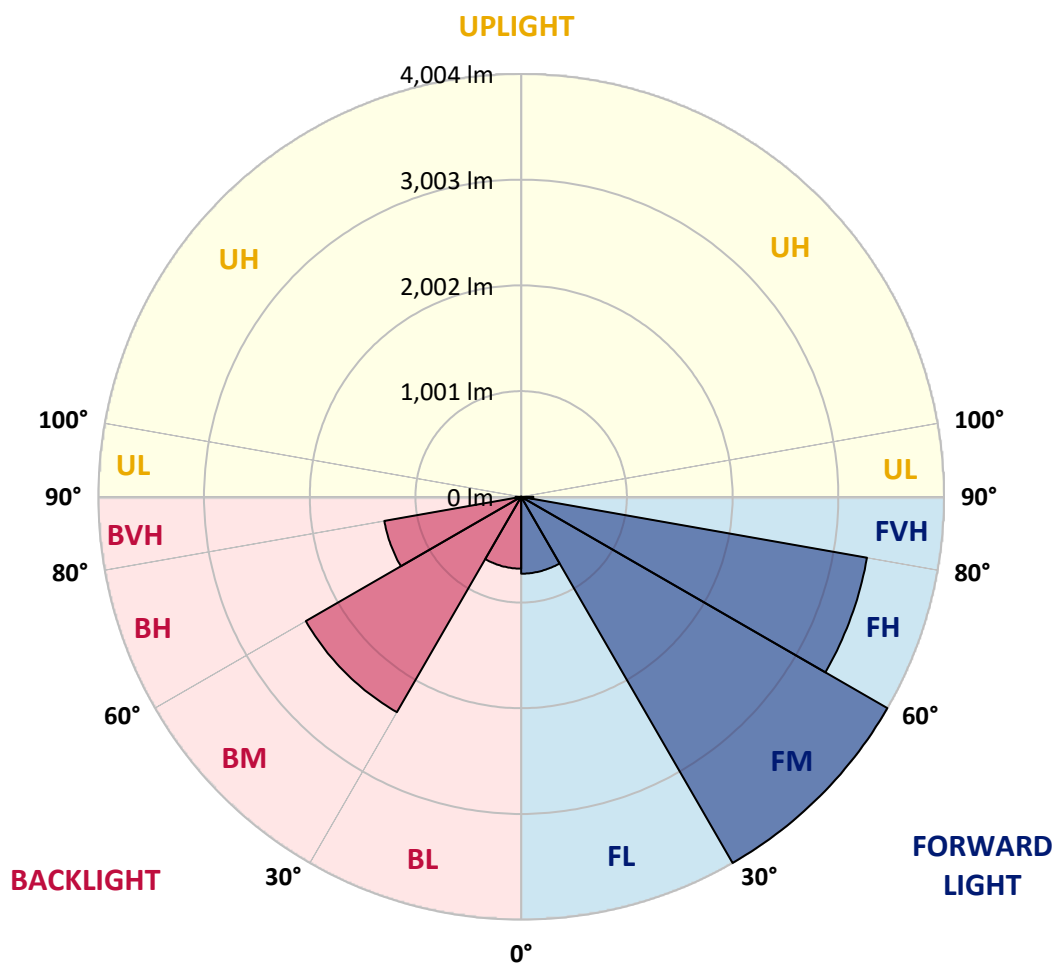
CATALOG NUMBER: VXS-E04-LED-E1-T2-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	727.6	5.8			
FM	(30°-60°)	4003.6	31.8			
FH	(60°-80°)	3324.8	26.4			G2/5000
FVH	(80°-90°)	115.8	0.9			G2/225
BL	(0°-30°)	680.3	5.4	B2/1000		
BM	(30°-60°)	2354.3	18.7	B2/2500		
BH	(60°-80°)	1315.3	10.5	B3/2500		G3/2500
BVH	(80°-90°)	53.6	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°	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3
2.5°	1312.0	1313.4	1310.7	1309.3	1305.2	1298.3	1292.8	1287.5	1287.5	1287.5	1283.3
5°	1369.5	1372.2	1366.7	1362.7	1350.4	1343.5	1333.9	1327.0	1324.4	1323.0	1318.9
7.5°	1442.0	1437.9	1429.7	1426.9	1417.4	1402.4	1384.6	1370.9	1370.9	1369.5	1370.9
10°	1514.5	1503.6	1499.5	1495.3	1480.3	1461.1	1440.6	1425.6	1424.2	1422.9	1418.8
12.5°	1587.0	1582.9	1578.9	1563.8	1548.7	1518.7	1495.3	1480.3	1479.0	1480.3	1474.8
15°	1682.8	1673.3	1669.1	1643.1	1610.3	1577.5	1548.7	1535.0	1531.0	1532.3	1528.2
17.5°	1756.7	1756.7	1747.2	1718.3	1676.0	1630.8	1600.7	1592.5	1591.2	1591.2	1592.5
20°	1815.5	1814.2	1804.6	1781.3	1730.7	1685.6	1670.5	1667.8	1666.4	1666.4	1670.5
22.5°	1848.4	1845.6	1841.6	1815.5	1775.9	1745.7	1747.2	1755.3	1758.0	1760.8	1766.3
25°	1864.8	1860.6	1859.3	1841.6	1812.7	1808.7	1833.3	1855.2	1860.6	1866.1	1873.0
27.5°	1892.1	1885.3	1888.1	1881.2	1874.4	1886.6	1937.3	1960.5	1964.7	1971.5	1975.5
30°	1967.4	1964.7	1975.5	1978.3	1983.8	2001.6	2048.1	2069.9	2079.6	2079.6	2098.8
32.5°	2111.1	2112.4	2115.1	2143.8	2153.5	2165.8	2190.4	2208.2	2209.5	2210.9	2228.7
35°	2303.9	2312.1	2335.4	2360.0	2383.3	2382.0	2366.8	2376.5	2369.6	2377.8	2379.2
37.5°	2547.5	2536.6	2570.8	2626.8	2662.4	2652.8	2585.8	2542.0	2554.3	2548.8	2544.8
40°	2734.9	2747.3	2812.8	2886.7	2914.1	2944.2	2856.7	2781.5	2770.5	2749.9	2737.6
42.5°	2993.5	2994.8	3048.2	3102.9	3182.3	3248.0	3191.9	3083.8	3051.0	3026.3	2973.0
45°	3233.0	3228.8	3272.6	3339.6	3434.0	3528.4	3548.9	3431.3	3419.0	3375.2	3305.4
47.5°	3393.0	3387.6	3417.6	3505.2	3658.4	3813.1	3897.8	3862.3	3839.0	3821.2	3711.8
50°	3501.0	3490.2	3524.4	3617.4	3788.4	4026.4	4248.1	4278.1	4268.6	4268.6	4198.9
52.5°	3581.8	3581.8	3606.4	3681.7	3855.4	4152.3	4549.1	4700.9	4713.3	4726.9	4722.8
55°	3536.7	3543.5	3605.1	3714.5	3897.8	4239.9	4798.0	5130.6	5199.0	5256.4	5322.1
57.5°	3382.1	3405.3	3487.4	3666.6	3908.8	4305.5	5074.4	5732.5	5925.4	6092.3	6352.2
60°	3156.3	3186.4	3305.4	3533.9	3828.1	4198.9	5171.6	6241.5	6547.9	6911.8	7590.5
62.5°	2769.1	2799.2	2915.5	3143.9	3395.8	3789.7	4769.3	6316.7	6806.5	7322.3	8348.4
65°	1961.9	1914.0	2048.1	2253.4	2542.0	2923.7	3854.1	5811.8	6516.5	7215.5	8482.5
67.5°	1093.2	1089.0	1171.1	1324.4	1600.7	2011.2	2655.5	4457.4	5105.9	5898.0	7453.7
70°	753.9	762.1	814.1	979.6	1208.1	1562.4	1892.1	2799.2	3265.8	3803.4	5333.1
72.5°	529.4	547.3	576.0	674.5	908.4	1316.2	1933.2	1673.3	1905.8	2272.4	3206.9
75°	310.6	322.9	343.4	391.3	517.2	879.7	2001.6	1470.8	1470.8	1557.0	1940.0
77.5°	191.5	191.5	203.8	223.0	275.0	431.0	1425.6	1652.7	1606.2	1557.0	1561.0
80°	98.5	105.4	123.1	132.7	153.3	197.0	640.3	1541.9	1691.0	1790.9	1721.1
82.5°	45.2	50.6	75.2	80.7	88.9	103.9	220.3	877.0	1175.2	1547.4	1933.2
85°	23.2	23.2	39.7	49.2	53.4	47.9	80.7	354.3	536.3	818.1	1280.6
87.5°	4.1	4.1	6.8	8.2	12.3	11.0	13.7	20.5	34.2	36.9	38.3
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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CATALOG NUMBER: VXS-E04-LED-E1-T2-7060

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3
2.5°	1282.0	1283.3	1282.0	1280.6	1277.8	1277.8	1277.8	1276.5	1276.5	1276.5	1275.1
5°	1318.9	1313.4	1314.8	1312.0	1310.7	1309.3	1310.7	1308.0	1305.2	1306.5	1305.2
7.5°	1365.4	1362.7	1357.2	1357.2	1355.9	1353.1	1353.1	1349.0	1347.7	1344.9	1343.5
10°	1417.4	1410.6	1413.3	1410.6	1411.9	1406.4	1403.7	1400.9	1398.2	1398.2	1399.6
12.5°	1470.8	1469.4	1465.3	1462.6	1462.6	1458.4	1459.8	1458.4	1454.3	1453.0	1448.9
15°	1525.5	1525.5	1521.3	1522.7	1521.3	1518.7	1515.9	1515.9	1513.2	1510.5	1511.8
17.5°	1589.7	1589.7	1589.7	1589.7	1591.2	1587.0	1588.4	1585.7	1582.9	1588.4	1588.4
20°	1673.3	1678.8	1678.8	1677.3	1684.1	1680.1	1678.8	1685.6	1678.8	1688.3	1686.9
22.5°	1769.0	1774.5	1774.5	1780.0	1781.3	1785.4	1788.2	1785.4	1790.9	1796.4	1796.4
25°	1875.8	1881.2	1885.3	1893.5	1897.6	1894.9	1896.3	1903.1	1905.8	1911.3	1916.8
27.5°	1987.9	1989.3	1994.7	2004.4	2011.2	2013.9	2015.2	2026.2	2027.6	2030.4	2035.8
30°	2097.4	2111.1	2108.3	2120.6	2124.8	2128.8	2137.0	2141.1	2150.7	2156.2	2156.2
32.5°	2226.0	2223.2	2234.2	2243.7	2250.6	2257.4	2264.2	2269.7	2275.2	2277.9	2291.6
35°	2386.0	2391.5	2391.5	2392.8	2409.3	2410.7	2416.2	2428.5	2432.5	2440.7	2446.2
37.5°	2544.8	2535.1	2533.8	2533.8	2528.3	2532.4	2533.8	2535.1	2540.6	2542.0	2547.5
40°	2722.6	2710.3	2699.4	2692.5	2681.6	2666.5	2663.7	2656.9	2661.0	2659.7	2661.0
42.5°	2966.1	2931.9	2905.9	2886.7	2864.9	2848.5	2836.2	2818.3	2806.0	2791.0	2788.3
45°	3276.7	3212.4	3168.6	3137.1	3105.7	3060.5	3034.5	3007.2	2982.6	2957.9	2937.4
47.5°	3684.4	3616.0	3546.2	3488.8	3439.5	3366.9	3293.2	3252.0	3204.1	3161.8	3131.7
50°	4164.7	4082.5	4049.7	3969.0	3907.5	3797.9	3706.3	3639.3	3543.5	3479.2	3423.1
52.5°	4655.8	4635.2	4617.5	4549.1	4476.6	4413.6	4332.8	4215.2	4118.1	4044.2	3929.3
55°	5324.8	5334.4	5327.6	5290.6	5264.6	5204.5	5171.6	5068.9	5025.2	4918.4	4798.0
57.5°	6450.8	6527.4	6624.6	6662.8	6714.8	6665.6	6723.0	6792.8	6619.1	6679.3	6571.2
60°	7888.7	8240.3	8449.6	8706.8	8875.1	9110.5	9152.8	9214.4	9196.7	9230.9	9300.6
62.5°	8767.0	9184.4	9585.2	9876.6	10188.5	10360.9	10568.9	10713.9	10864.5	10965.6	10936.9
65°	9025.6	9455.2	9819.2	10137.9	10417.0	10627.7	10820.6	11002.6	11140.7	11237.9	11295.3
67.5°	8076.2	8637.1	9020.1	9393.7	9753.5	9975.1	10136.6	10313.1	10515.5	10683.8	10716.7
70°	6077.3	6918.7	7461.9	7909.2	8332.0	8630.3	8856.0	9020.1	9177.5	9297.9	9429.2
72.5°	3800.7	4536.8	5157.9	5738.0	6186.7	6597.2	6787.4	7151.3	7103.4	7195.0	7293.6
75°	2277.9	2636.4	2978.4	3387.6	3622.8	3964.9	4026.4	4086.6	4055.1	3952.5	4029.2
77.5°	1582.9	1641.8	1639.1	1615.8	1591.2	1531.0	1453.0	1410.6	1381.9	1340.8	1357.2
80°	1592.5	1465.3	1271.0	1068.5	882.5	759.3	710.1	710.1	760.7	833.2	905.7
82.5°	1903.1	1767.7	1576.1	1318.9	1045.3	851.0	721.0	669.0	678.5	752.4	845.5
85°	1283.3	1313.4	1152.0	1053.5	834.6	649.8	544.6	441.9	391.3	403.6	457.0
87.5°	46.5	56.1	20.5	27.4	19.2	16.4	16.4	17.8	12.3	15.0	13.7
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°	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3
2.5°	1273.8	1272.3	1272.3	1269.6	1269.6	1268.3	1268.3	1266.9	1265.5	1265.5	1264.1
5°	1303.8	1302.5	1299.7	1298.3	1295.6	1295.6	1294.3	1291.5	1291.5	1288.8	1287.5
7.5°	1346.2	1343.5	1340.8	1339.4	1338.0	1333.9	1333.9	1331.2	1331.2	1328.5	1327.0
10°	1396.9	1394.1	1391.4	1392.7	1388.7	1387.3	1384.6	1384.6	1380.4	1379.1	1379.1
12.5°	1451.6	1450.3	1450.3	1446.1	1444.8	1443.4	1437.9	1437.9	1437.9	1435.1	1436.6
15°	1510.5	1511.8	1507.7	1511.8	1510.5	1506.3	1506.3	1506.3	1500.8	1507.7	1502.2
17.5°	1589.7	1593.9	1591.2	1592.5	1589.7	1589.7	1591.2	1589.7	1592.5	1592.5	1600.7
20°	1688.3	1689.6	1696.5	1693.8	1693.8	1692.4	1695.1	1696.5	1702.0	1699.3	1704.7
22.5°	1796.4	1803.2	1804.6	1810.1	1810.1	1808.7	1811.4	1816.9	1819.6	1823.7	1822.4
25°	1919.5	1923.6	1929.1	1922.3	1933.2	1933.2	1936.0	1942.8	1944.1	1944.1	1953.7
27.5°	2034.4	2045.4	2046.7	2053.6	2049.4	2052.2	2061.8	2065.9	2071.4	2071.4	2074.1
30°	2164.4	2168.5	2171.2	2179.5	2178.0	2179.5	2180.8	2187.7	2187.7	2194.5	2201.3
32.5°	2298.4	2301.2	2303.9	2312.1	2314.9	2320.4	2317.6	2323.1	2329.9	2331.3	2335.4
35°	2458.5	2461.2	2464.0	2476.4	2477.7	2487.3	2490.1	2487.3	2498.2	2491.4	2498.2
37.5°	2551.6	2563.9	2566.6	2574.8	2572.1	2579.0	2583.0	2588.5	2591.3	2596.7	2607.7
40°	2665.2	2669.2	2677.4	2681.6	2687.0	2688.4	2693.9	2697.9	2702.1	2714.4	2726.7
42.5°	2781.5	2786.9	2791.0	2796.5	2803.3	2808.8	2812.8	2825.2	2828.0	2836.2	2859.4
45°	2922.4	2919.6	2920.9	2922.4	2925.1	2931.9	2944.2	2956.6	2964.8	2983.9	3003.1
47.5°	3097.5	3079.7	3072.8	3061.9	3064.7	3079.7	3082.4	3102.9	3119.4	3137.1	3160.4
50°	3362.9	3315.0	3286.3	3257.5	3254.8	3263.0	3274.0	3295.9	3315.0	3338.2	3371.1
52.5°	3808.9	3717.2	3659.8	3580.4	3558.5	3554.4	3546.2	3558.5	3564.0	3595.4	3657.0
55°	4711.9	4542.2	4432.7	4309.6	4194.7	4160.5	4094.8	4108.5	4094.8	4114.0	4205.7
57.5°	6597.2	6461.8	6355.0	6197.7	6000.6	5791.3	5739.4	5524.6	5566.9	5690.1	5610.8
60°	9334.8	9285.6	9208.9	9133.7	8864.1	8712.3	8464.7	8437.3	8263.5	8265.0	8151.4
62.5°	10867.2	10930.1	10883.5	10861.7	10846.6	10798.8	10675.6	10527.9	10306.2	10146.1	9910.8
65°	11305.0	11251.6	11200.9	11194.1	11190.1	11268.0	11285.8	11181.8	10980.7	10731.7	10460.8
67.5°	10794.6	10764.6	10767.3	10709.8	10745.4	10880.8	10975.2	10946.5	10761.8	10460.8	10116.1
70°	9579.7	9520.9	9581.1	9656.4	9709.7	9787.7	9882.1	9905.4	9737.1	9427.9	9076.3
72.5°	7173.2	7182.7	7240.2	7260.7	7475.5	7453.7	7538.4	7262.1	7140.3	6846.2	6665.6
75°	3774.7	3713.2	3873.2	3533.9	3394.4	3491.5	3219.3	2957.9	3012.6	3057.8	2732.2
77.5°	1333.9	1247.8	1101.3	1042.5	867.4	734.7	600.6	541.8	510.4	493.9	473.4
80°	957.7	985.1	954.9	883.8	751.1	602.0	474.7	374.9	321.6	292.7	273.7
82.5°	968.6	1076.7	1124.7	1104.0	983.7	744.2	491.2	313.3	232.5	194.3	180.6
85°	519.9	569.1	547.3	461.0	414.5	247.7	169.6	113.6	95.8	87.6	80.7
87.5°	20.5	16.4	13.7	13.7	15.0	16.4	13.7	15.0	13.7	13.7	13.7
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°	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3	1257.3
2.5°	1261.5	1261.5	1261.5	1260.1	1257.3	1250.5	1243.6	1238.1	1234.1	1229.9	1224.5
5°	1286.0	1283.3	1283.3	1283.3	1272.3	1261.5	1251.8	1242.3	1234.1	1227.3	1221.8
7.5°	1327.0	1325.7	1320.2	1318.9	1310.7	1292.8	1282.0	1265.5	1256.0	1246.4	1243.6
10°	1376.4	1375.0	1373.6	1372.2	1361.3	1343.5	1329.8	1314.8	1301.1	1287.5	1273.8
12.5°	1433.8	1432.4	1431.1	1426.9	1422.9	1413.3	1398.2	1381.9	1365.4	1336.7	1321.7
15°	1505.0	1507.7	1505.0	1503.6	1500.8	1502.2	1492.6	1469.4	1443.4	1406.4	1375.0
17.5°	1599.4	1596.6	1595.2	1600.7	1599.4	1606.2	1603.4	1573.4	1533.7	1474.8	1420.1
20°	1703.3	1703.3	1708.8	1713.0	1725.2	1743.0	1734.8	1697.8	1625.4	1543.2	1472.1
22.5°	1827.9	1830.6	1836.1	1833.3	1852.4	1881.2	1883.9	1831.9	1737.5	1623.9	1524.1
25°	1957.8	1960.5	1955.0	1963.3	1994.7	2035.8	2044.0	1970.2	1845.6	1697.8	1567.9
27.5°	2080.9	2083.6	2083.6	2094.6	2124.8	2194.5	2202.7	2120.6	1955.0	1762.2	1599.4
30°	2201.3	2212.3	2215.0	2217.7	2262.9	2360.0	2377.8	2258.8	2050.9	1810.1	1621.2
32.5°	2353.2	2357.3	2362.8	2369.6	2421.7	2540.6	2540.6	2377.8	2112.4	1840.1	1625.4
35°	2516.1	2517.4	2529.7	2531.1	2605.0	2723.9	2700.7	2476.4	2156.2	1833.3	1595.2
37.5°	2614.5	2620.0	2632.3	2648.7	2726.7	2895.0	2841.7	2561.1	2164.4	1788.2	1526.8
40°	2736.3	2747.3	2759.6	2776.0	2892.2	3068.7	2960.6	2614.5	2130.2	1699.3	1424.2
42.5°	2867.7	2882.7	2901.9	2931.9	3070.2	3222.0	3051.0	2622.7	2052.2	1599.4	1302.5
45°	3015.3	3042.7	3064.7	3100.2	3256.2	3354.7	3105.7	2574.8	1953.7	1468.0	1172.5
47.5°	3186.4	3208.3	3246.6	3284.9	3440.8	3445.0	3111.2	2481.8	1819.6	1336.7	1034.3
50°	3397.1	3410.8	3468.2	3491.5	3637.9	3539.4	3071.5	2356.0	1678.8	1188.9	881.0
52.5°	3677.5	3696.7	3770.6	3806.2	3910.2	3668.0	3015.3	2219.2	1517.3	1023.4	723.7
55°	4231.7	4315.1	4367.2	4428.7	4495.8	3959.4	2990.8	2072.7	1335.3	831.8	573.3
57.5°	5787.3	5759.9	5874.8	6014.3	6013.0	4625.7	3138.5	1946.8	1120.5	636.2	440.5
60°	8104.9	8130.9	8072.0	8155.4	7890.1	5452.0	3341.0	1814.2	878.3	473.4	336.6
62.5°	9827.4	9676.9	9593.4	9494.9	8910.7	5542.4	3193.3	1541.9	639.0	332.4	258.5
65°	10235.0	10058.5	9879.4	9691.9	8810.8	4996.5	2620.0	1131.5	413.2	228.5	205.2
67.5°	9832.8	9549.6	9321.1	9128.2	8073.4	4141.3	1915.4	695.0	236.7	184.7	175.1
70°	8790.3	8477.0	8107.6	7891.4	6798.3	3052.3	1227.3	374.9	182.0	164.1	160.1
72.5°	6434.4	6177.2	5773.6	5525.9	4881.6	1855.2	685.4	210.7	169.6	157.3	151.8
75°	2506.4	2372.3	2204.0	2217.7	1979.7	820.9	310.6	182.0	165.6	154.6	149.1
77.5°	431.0	420.0	388.6	388.6	441.9	299.6	206.6	183.3	164.1	151.8	142.3
80°	258.5	253.1	240.8	238.0	229.8	210.7	198.3	186.1	161.5	143.6	131.3
82.5°	169.6	162.8	158.7	157.3	171.0	184.7	186.1	184.7	153.3	124.5	106.7
85°	72.5	72.5	72.5	73.9	98.5	149.1	153.3	164.1	125.9	97.1	76.6
87.5°	12.3	15.0	15.0	16.4	17.8	32.8	41.0	53.4	42.4	41.0	36.9
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°	1257.3	1257.3	1257.3
2.5°	1223.1	1220.4	1220.4
5°	1219.0	1216.3	1217.6
7.5°	1235.4	1229.9	1231.3
10°	1265.5	1260.1	1257.3
12.5°	1303.8	1297.0	1297.0
15°	1343.5	1327.0	1325.7
17.5°	1376.4	1355.9	1353.1
20°	1413.3	1385.9	1381.9
22.5°	1447.5	1410.6	1405.1
25°	1472.1	1426.9	1420.1
27.5°	1483.1	1429.7	1424.2
30°	1491.3	1431.1	1422.9
32.5°	1483.1	1418.8	1411.9
35°	1437.9	1368.2	1364.0
37.5°	1359.9	1282.0	1276.5
40°	1257.3	1175.2	1161.6
42.5°	1126.0	1049.3	1034.3
45°	998.8	911.2	904.4
47.5°	862.0	778.4	782.6
50°	718.2	643.0	641.7
52.5°	581.5	515.8	511.7
55°	458.3	411.8	407.7
57.5°	362.6	337.9	333.8
60°	295.5	283.2	279.1
62.5°	238.0	234.0	232.5
65°	198.3	198.3	198.3
67.5°	172.4	173.8	173.8
70°	158.7	160.1	158.7
72.5°	153.3	157.3	157.3
75°	149.1	151.8	146.4
77.5°	146.4	147.8	138.1
80°	145.0	143.6	125.9
82.5°	125.9	121.8	106.7
85°	114.9	87.6	73.9
87.5°	58.9	41.0	31.5
90°	0.0	0.0	0.0

(END OF REPORT)