

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: P151047

Luminaire Tested: **VXS-F05-LED-E1-SL3-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151047
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: VXS-F05-LED-E1-SL3-7060
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (35) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12859.3 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (A_{in}): 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

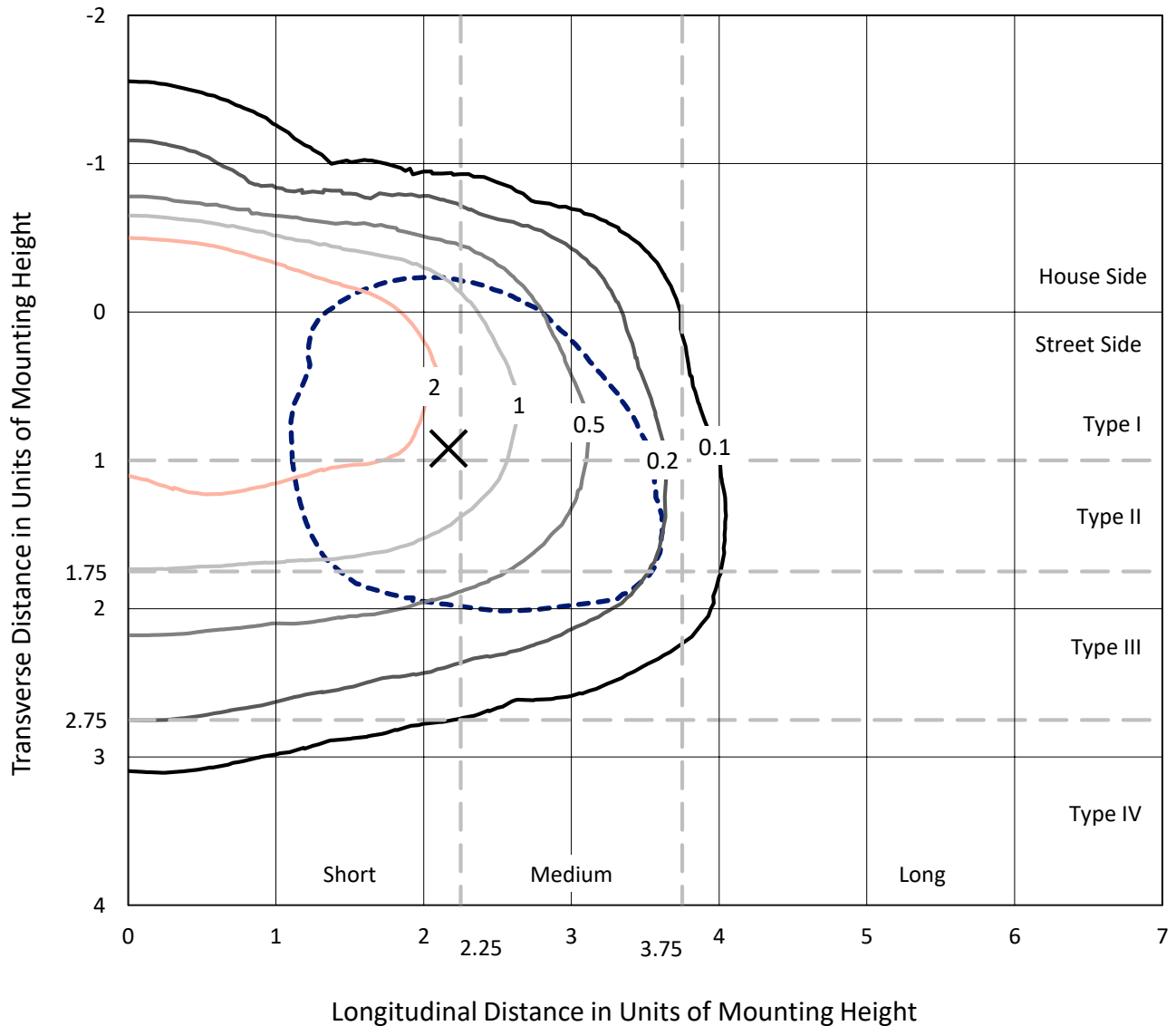


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Iso-Footcandle Lines of Horizontal Illumination

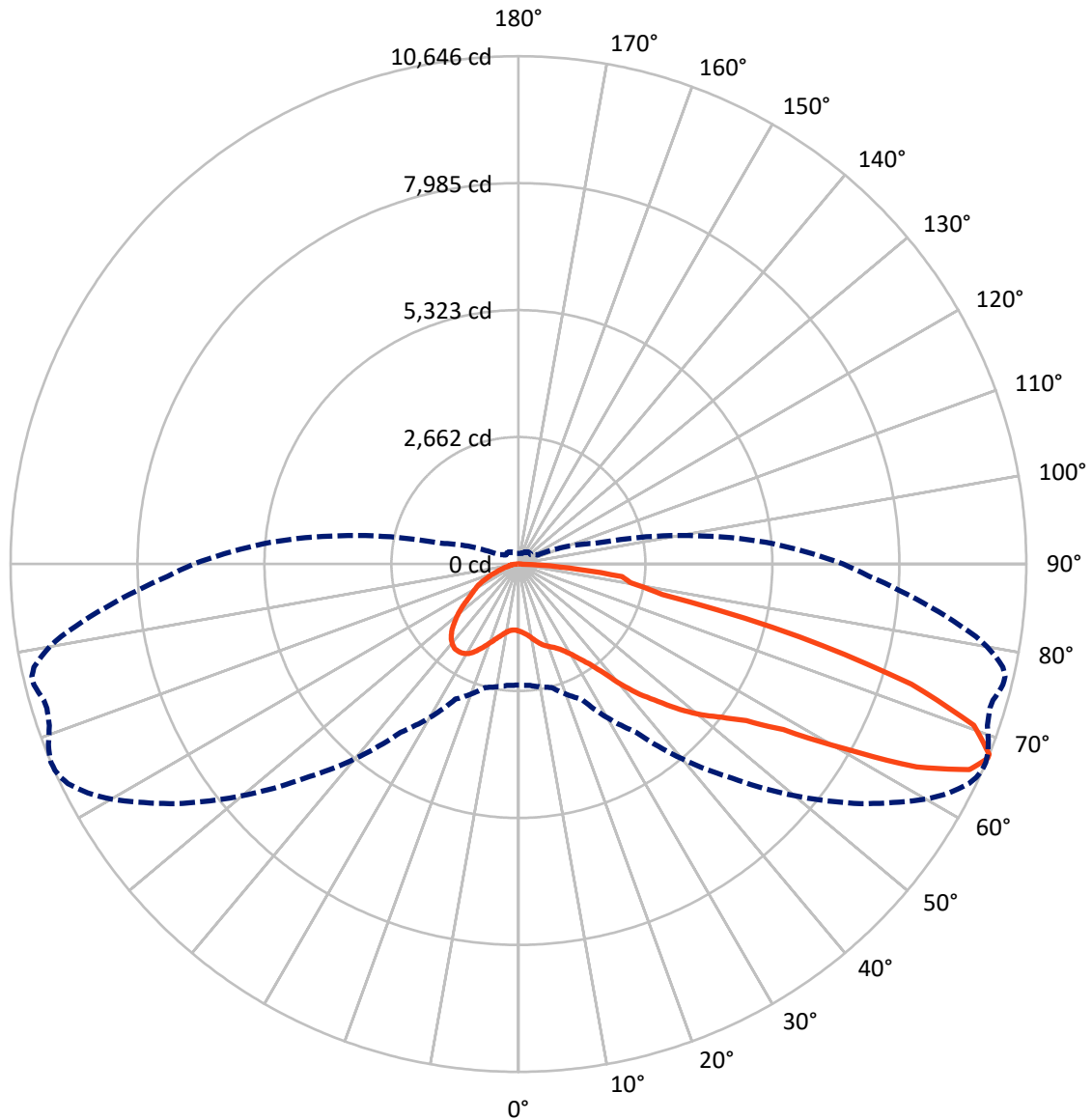
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.5 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
House Side	Lumens	2967.5	0.0	2967.5
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	9891.8	0.0	9891.8
	% Fixture	76.9	0.0	76.9
Total	Lumens	12859.3	0.0	12859.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.9	1.1
10°-20°	479.6	3.7
20°-30°	846.8	6.6
30°-40°	1215.4	9.5
40°-50°	1846.0	14.4
50°-60°	2717.9	21.1
60°-70°	3612.0	28.1
70°-80°	1767.1	13.7
80°-90°	234.6	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°	12859.3	100.0
0°-180°	12859.3	100.0



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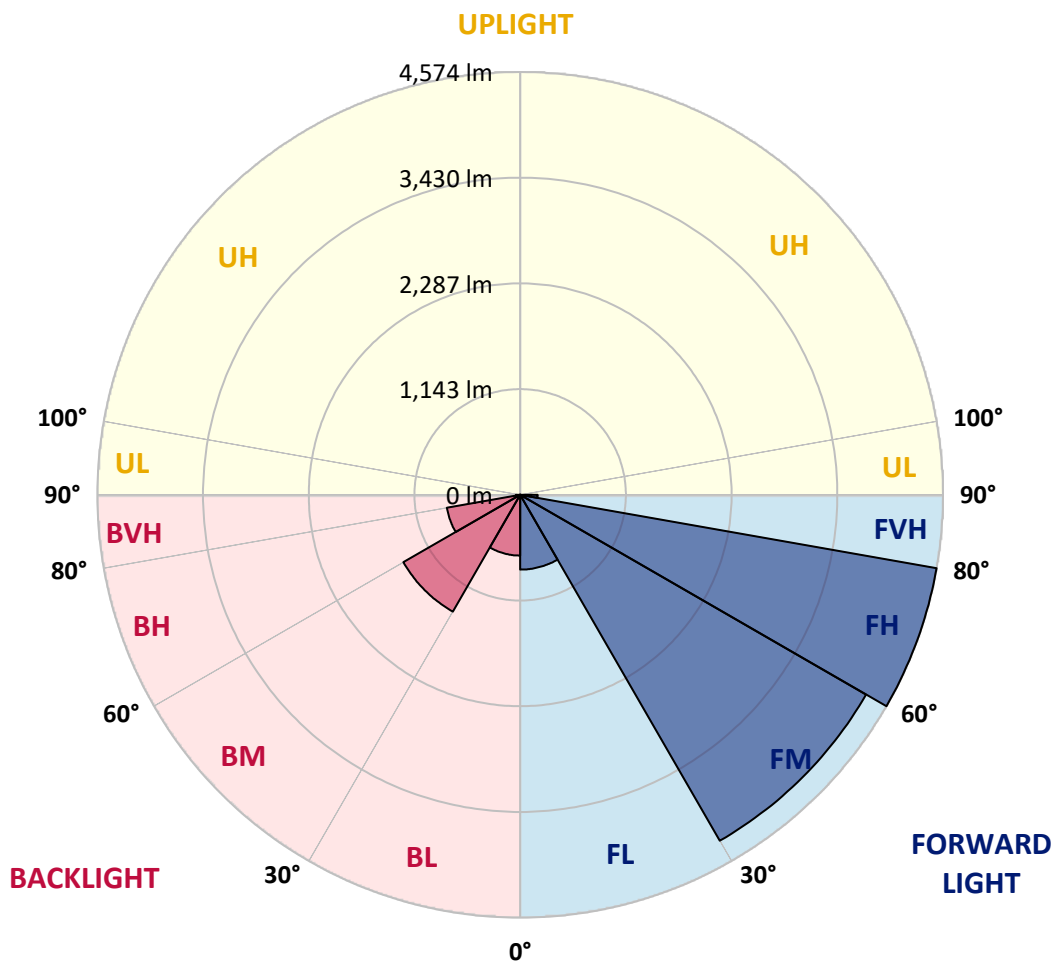
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	809.0	6.3			
FM	(30°-60°)	4320.4	33.6			
FH	(60°-80°)	4573.9	35.6			G2/5000
FVH	(80°-90°)	188.5	1.5			G2/225
BL	(0°-30°)	657.2	5.1	B2/1000		
BM	(30°-60°)	1458.9	11.3	B2/2500		
BH	(60°-80°)	805.2	6.3	B2/1000		G2/1000
BVH	(80°-90°)	46.2	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8
2.5°	1471.1	1472.5	1469.6	1468.3	1459.8	1451.3	1445.7	1438.7	1438.7	1438.7	1435.8
5°	1554.4	1548.7	1553.0	1543.1	1526.1	1510.6	1495.1	1482.4	1479.6	1479.6	1473.9
7.5°	1654.6	1647.6	1644.8	1630.6	1605.2	1582.6	1551.6	1538.9	1531.8	1529.0	1526.1
10°	1776.1	1776.1	1757.7	1733.7	1699.8	1660.3	1626.4	1603.8	1602.4	1602.4	1589.6
12.5°	1900.3	1903.1	1879.1	1855.1	1800.0	1747.8	1708.3	1682.9	1681.5	1675.8	1668.7
15°	2014.6	2007.6	1992.0	1956.8	1896.1	1833.9	1784.5	1759.1	1753.5	1747.8	1743.5
17.5°	2109.2	2102.2	2082.4	2037.2	1973.7	1900.3	1839.6	1812.7	1809.9	1807.0	1801.5
20°	2168.5	2162.9	2134.6	2082.4	2016.1	1941.2	1876.3	1857.9	1852.2	1852.2	1849.4
22.5°	2202.4	2193.9	2153.0	2083.8	2018.9	1963.8	1910.2	1898.9	1894.6	1896.1	1896.1
25°	2219.4	2212.2	2154.4	2055.5	1993.5	1977.9	1955.3	1948.3	1949.6	1951.1	1953.9
27.5°	2222.2	2212.2	2144.6	2018.9	1960.9	2004.8	2020.3	2031.6	2031.6	2037.2	2047.2
30°	2201.0	2189.7	2124.8	1990.7	1946.8	2058.3	2120.5	2150.2	2161.5	2158.7	2181.2
32.5°	2164.2	2157.2	2105.0	1990.7	1986.4	2164.2	2274.4	2316.8	2322.4	2325.2	2350.7
35°	2151.6	2150.2	2127.6	2058.3	2109.2	2350.7	2518.7	2551.1	2558.1	2558.1	2576.5
37.5°	2148.7	2155.9	2181.2	2185.5	2325.2	2627.4	2847.6	2897.0	2897.0	2911.1	2911.1
40°	2148.7	2164.2	2260.3	2374.6	2589.2	2987.4	3292.3	3348.8	3348.8	3364.4	3355.9
42.5°	2232.0	2254.6	2412.7	2630.2	2922.4	3358.7	3708.8	3772.3	3776.6	3772.3	3785.0
45°	2395.9	2415.5	2607.6	2919.6	3265.5	3756.8	4106.9	4183.1	4167.6	4177.5	4181.8
47.5°	2613.3	2644.2	2863.1	3235.9	3600.1	4125.3	4553.1	4622.2	4616.6	4620.8	4602.5
50°	2844.8	2877.2	3121.5	3549.2	3933.3	4421.8	4911.6	5014.7	5004.8	5011.8	5021.8
52.5°	3049.4	3069.2	3305.0	3785.0	4186.0	4698.4	5186.9	5315.4	5338.0	5340.8	5347.9
55°	3170.9	3194.9	3410.9	3902.2	4369.5	4969.5	5501.8	5696.6	5740.3	5751.6	5782.7
57.5°	3213.3	3238.7	3434.9	3919.2	4469.7	5223.6	5940.8	6283.9	6320.6	6381.3	6480.1
60°	3211.8	3238.7	3409.4	3881.0	4571.4	5538.4	6624.1	7198.8	7385.1	7447.3	7588.4
62.5°	3080.5	3111.6	3285.3	3765.3	4701.2	5940.8	7640.6	8524.5	8764.5	8877.3	9029.8
65°	2792.5	2815.1	2977.5	3471.6	4664.6	6337.5	8490.6	9593.2	9811.9	9977.1	10249.6
67°	2537.0	2551.1	2678.1	3124.2	4306.0	6351.6	8758.8	9858.5	10049.1	10224.2	10505.2
67.5°	2472.0	2501.7	2600.5	3018.4	4171.8	6271.2	8740.4	9817.6	10012.4	10194.5	10491.0
70°	2011.8	2054.2	2103.5	2384.6	3279.6	5275.9	8092.4	9108.9	9279.7	9449.1	9862.8
72.5°	1240.9	1317.2	1327.0	1505.0	2134.6	3646.6	6547.9	7681.6	7810.1	7931.5	8355.0
75°	731.3	742.6	777.9	921.9	1252.2	2179.8	4393.5	5706.4	5825.1	5884.4	6216.2
77.5°	408.0	419.3	448.9	573.2	962.8	1468.3	2558.1	3353.1	3425.0	3499.8	3446.2
80°	169.4	185.0	199.1	231.5	450.4	1159.1	1759.1	2131.8	2178.4	2222.2	2277.2
82.5°	81.9	87.6	107.3	122.8	163.7	475.8	1379.3	1848.1	1903.1	1966.6	2095.1
85°	38.1	42.4	59.3	70.6	79.1	120.0	461.7	899.3	975.5	989.6	1015.1
87.5°	2.8	2.8	7.0	9.8	14.1	15.5	48.0	67.8	76.3	69.2	87.6
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8
2.5°	1434.4	1433.0	1430.2	1430.2	1428.7	1428.7	1428.7	1425.9	1425.9	1425.9	1424.5
5°	1472.5	1471.1	1466.8	1466.8	1464.0	1464.0	1459.8	1458.3	1455.5	1455.5	1454.2
7.5°	1521.9	1520.5	1514.8	1514.8	1510.6	1509.2	1506.4	1502.2	1502.2	1499.3	1496.5
10°	1589.6	1585.5	1584.0	1577.0	1578.3	1575.5	1572.7	1568.5	1565.7	1562.9	1560.0
12.5°	1665.9	1665.9	1658.9	1654.6	1657.4	1654.6	1649.0	1647.6	1643.3	1643.3	1639.1
15°	1737.9	1737.9	1735.1	1729.4	1730.9	1726.6	1725.2	1722.4	1716.8	1718.1	1716.8
17.5°	1800.0	1800.0	1795.8	1793.0	1793.0	1788.7	1790.2	1787.4	1784.5	1783.1	1778.9
20°	1849.4	1849.4	1846.6	1843.8	1845.2	1845.2	1840.9	1840.9	1840.9	1838.1	1838.1
22.5°	1897.4	1898.9	1898.9	1898.9	1900.3	1901.7	1900.3	1903.1	1901.7	1904.6	1904.6
25°	1960.9	1965.2	1968.1	1968.1	1975.1	1976.5	1977.9	1982.2	1982.2	1986.4	1987.8
27.5°	2055.5	2058.3	2069.6	2072.5	2073.9	2085.2	2086.6	2092.2	2097.9	2099.4	2100.7
30°	2185.5	2192.5	2201.0	2206.6	2206.6	2220.7	2226.4	2223.5	2239.1	2243.3	2249.0
32.5°	2359.1	2364.8	2373.3	2378.9	2384.6	2391.6	2393.0	2400.0	2412.7	2424.0	2417.0
35°	2577.9	2592.0	2577.9	2593.5	2597.7	2607.6	2604.8	2613.3	2618.9	2623.1	2621.7
37.5°	2895.5	2888.5	2885.7	2880.1	2870.2	2904.0	2887.2	2885.7	2877.2	2901.2	2885.7
40°	3313.5	3317.7	3322.0	3299.4	3286.6	3286.6	3282.4	3266.8	3259.8	3281.0	3278.1
42.5°	3749.7	3754.0	3734.2	3720.1	3687.6	3683.3	3663.6	3659.4	3652.3	3663.6	3652.3
45°	4146.4	4149.2	4105.5	4112.5	4087.2	4091.4	4060.3	4073.1	4056.1	4067.4	4088.6
47.5°	4589.7	4595.3	4557.3	4572.7	4547.4	4531.8	4530.5	4539.0	4520.5	4531.8	4537.5
50°	4992.1	4985.1	4965.3	4969.5	4958.2	4961.0	4944.1	4959.6	4938.4	4961.0	4958.2
52.5°	5349.3	5340.8	5336.6	5350.7	5340.8	5340.8	5330.9	5338.0	5340.8	5374.7	5381.8
55°	5782.7	5789.7	5796.8	5822.3	5833.6	5815.1	5833.6	5868.8	5870.3	5950.7	5994.5
57.5°	6478.8	6528.1	6553.6	6569.1	6635.4	6628.4	6670.7	6755.4	6763.9	6950.3	7059.0
60°	7692.8	7780.4	7863.7	7818.5	7952.6	7993.6	8019.0	8177.1	8226.5	8403.0	8497.6
62.5°	9226.1	9236.0	9365.8	9324.9	9401.1	9382.8	9413.8	9485.8	9550.8	9696.2	9785.2
65°	10296.2	10342.8	10393.6	10341.3	10340.0	10277.8	10238.3	10236.9	10276.5	10307.5	10406.3
67°	10587.0	10633.6	10646.3	10608.2	10553.2	10474.1	10400.7	10362.6	10337.1	10351.3	10413.4
67.5°	10584.2	10628.0	10643.5	10606.8	10530.6	10464.2	10386.5	10342.8	10308.9	10316.0	10368.2
70°	9982.8	10077.4	10128.2	10139.5	10129.6	10013.9	9947.5	9908.0	9879.7	9810.6	9806.3
72.5°	8458.0	8572.4	8611.9	8675.4	8703.7	8532.8	8460.8	8504.7	8405.8	8186.9	8196.9
75°	6210.5	6219.0	6086.2	6060.8	5966.2	5579.4	5463.6	5357.7	5188.3	4924.4	4675.9
77.5°	3237.2	3235.9	3083.3	3005.7	2892.7	2659.8	2648.5	2459.4	2326.6	2085.2	1997.7
80°	2299.8	2336.5	2387.4	2412.7	2373.3	2282.9	2158.7	2024.6	1870.7	1719.6	1538.9
82.5°	2138.9	2161.5	2188.3	2089.4	2034.4	1907.4	1812.7	1617.9	1509.2	1337.0	1154.8
85°	1040.5	1109.6	1056.1	993.9	972.7	760.9	735.5	614.1	557.6	458.9	427.8
87.5°	66.3	81.9	73.4	66.3	57.9	32.4	43.7	31.1	32.4	24.0	21.1
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8
2.5°	1424.5	1423.1	1421.7	1420.3	1418.9	1418.9	1417.4	1416.1	1414.6	1411.8	1411.8
5°	1451.3	1451.3	1449.9	1447.0	1447.0	1444.2	1440.0	1438.7	1438.7	1435.8	1433.0
7.5°	1495.1	1493.7	1490.9	1489.4	1486.6	1483.8	1480.9	1478.1	1476.7	1472.5	1471.1
10°	1561.5	1558.7	1551.6	1548.7	1547.4	1544.5	1541.7	1538.9	1534.6	1531.8	1530.4
12.5°	1636.3	1634.8	1629.2	1632.0	1625.0	1622.2	1619.3	1612.2	1615.1	1609.4	1606.6
15°	1711.1	1712.5	1709.6	1709.6	1704.0	1699.8	1697.0	1691.3	1689.9	1687.0	1684.2
17.5°	1777.4	1780.3	1776.1	1773.2	1770.4	1767.6	1762.0	1756.3	1756.3	1750.7	1747.8
20°	1838.1	1840.9	1839.6	1836.8	1832.5	1831.1	1828.3	1824.0	1824.0	1821.2	1817.0
22.5°	1907.4	1908.7	1908.7	1907.4	1903.1	1904.6	1901.7	1897.4	1898.9	1893.3	1893.3
25°	1990.7	1993.5	1996.3	1997.7	1994.8	1996.3	1993.5	1990.7	1989.2	1990.7	1989.2
27.5°	2105.0	2107.8	2116.3	2109.2	2116.3	2117.7	2113.5	2107.8	2112.0	2119.1	2114.8
30°	2256.1	2253.3	2264.6	2265.9	2264.6	2265.9	2263.1	2258.9	2261.7	2274.4	2267.4
32.5°	2425.5	2431.1	2433.9	2436.8	2441.0	2446.6	2442.4	2438.1	2445.2	2441.0	2450.9
35°	2630.2	2642.9	2647.2	2642.9	2645.7	2655.5	2654.2	2655.5	2669.7	2655.5	2673.9
37.5°	2888.5	2901.2	2911.1	2905.5	2912.5	2912.5	2923.8	2954.9	2935.1	2960.5	2980.3
40°	3264.0	3283.8	3285.3	3283.8	3290.9	3299.4	3310.7	3344.6	3322.0	3348.8	3367.2
42.5°	3650.9	3674.9	3683.3	3669.2	3684.8	3703.1	3704.6	3734.2	3735.6	3739.8	3749.7
45°	4087.2	4108.3	4125.3	4118.2	4119.6	4143.6	4137.9	4166.2	4145.0	4145.0	4150.7
47.5°	4551.6	4571.4	4582.7	4594.0	4579.9	4601.0	4610.9	4605.3	4579.9	4574.2	4540.3
50°	4975.1	4992.1	5009.0	5040.1	5038.7	5048.6	5055.6	5030.3	5024.6	4993.5	4955.4
52.5°	5424.1	5467.9	5506.0	5571.0	5580.8	5614.7	5602.0	5559.7	5552.5	5501.8	5450.9
55°	6049.5	6175.1	6230.3	6330.5	6398.2	6396.8	6368.6	6361.6	6307.9	6206.2	6145.5
57.5°	7138.0	7334.3	7428.8	7558.8	7579.9	7567.3	7530.5	7465.6	7372.3	7201.6	7091.4
60°	8709.3	8830.8	8940.9	8971.9	8987.5	8963.5	8835.0	8691.0	8508.9	8273.1	8076.9
62.5°	9896.7	10020.9	10102.8	10090.1	9992.6	9869.8	9682.1	9440.6	9185.1	8921.1	8627.5
65°	10500.9	10553.2	10540.4	10441.7	10275.0	10060.4	9786.5	9488.7	9188.0	8876.0	8571.0
67°	10468.4	10469.8	10383.7	10191.7	9978.5	9708.9	9374.3	9049.6	8696.7	8369.1	8006.3
67.5°	10410.6	10404.9	10284.9	10074.5	9844.5	9566.3	9219.0	8883.0	8517.3	8186.9	7811.4
70°	9755.4	9676.5	9405.4	9069.3	8748.9	8373.4	8009.1	7623.7	7211.4	6927.7	6495.6
72.5°	8016.2	7749.3	7282.1	6930.5	6587.5	6096.2	5868.8	5390.3	5100.8	4920.1	4594.0
75°	4642.0	4418.9	4057.5	3728.5	3562.0	3271.1	3132.7	2781.2	2707.8	2705.0	2592.0
77.5°	1771.8	1545.9	1313.0	1057.4	899.3	714.4	629.6	563.3	512.4	547.8	497.0
80°	1328.5	1092.7	854.1	621.1	443.3	327.6	280.9	259.8	247.0	237.2	230.2
82.5°	989.6	780.7	605.7	395.3	276.7	208.9	180.7	169.4	163.7	153.9	145.4
85°	334.6	268.3	211.8	146.8	115.8	94.6	87.6	84.7	80.5	73.4	69.2
87.5°	18.3	16.9	18.3	14.1	16.9	14.1	15.5	15.5	15.5	14.1	14.1
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8	1404.8
2.5°	1410.4	1410.4	1410.4	1407.6	1403.3	1394.8	1386.4	1379.3	1372.2	1368.0	1365.2
5°	1431.6	1428.7	1427.4	1425.9	1416.1	1399.1	1383.5	1369.4	1355.3	1344.0	1339.8
7.5°	1469.6	1464.0	1462.6	1458.3	1445.7	1420.3	1397.7	1375.1	1355.3	1339.8	1332.7
10°	1527.6	1527.6	1519.1	1513.5	1499.3	1465.5	1433.0	1403.3	1376.5	1359.6	1355.3
12.5°	1600.9	1600.9	1593.9	1589.6	1572.7	1529.0	1489.4	1454.2	1428.7	1411.8	1410.4
15°	1677.2	1675.8	1670.2	1664.5	1646.1	1599.6	1560.0	1529.0	1507.8	1488.0	1482.4
17.5°	1745.0	1745.0	1737.9	1732.2	1713.9	1674.4	1639.1	1616.5	1592.5	1551.6	1520.5
20°	1812.7	1814.2	1808.5	1802.9	1787.4	1753.5	1737.9	1715.3	1661.7	1572.7	1499.3
22.5°	1887.6	1893.3	1886.1	1880.5	1867.8	1853.7	1848.1	1794.4	1681.5	1538.9	1431.6
25°	1983.5	1993.5	1985.0	1982.2	1975.1	1979.4	1962.4	1838.1	1653.2	1465.5	1331.3
27.5°	2114.8	2114.8	2116.3	2116.3	2113.5	2129.0	2066.8	1839.6	1591.1	1370.9	1211.3
30°	2268.7	2277.2	2274.4	2274.4	2285.7	2295.5	2124.8	1808.5	1512.0	1253.7	1064.5
32.5°	2453.7	2460.7	2463.6	2450.9	2496.1	2445.2	2145.9	1752.0	1414.6	1108.3	889.4
35°	2676.8	2686.6	2693.7	2695.1	2724.8	2575.1	2134.6	1668.7	1274.8	926.1	697.4
37.5°	2967.6	2987.4	3002.9	3009.9	3011.4	2685.2	2103.5	1558.7	1092.7	722.8	519.6
40°	3354.4	3375.6	3371.4	3385.5	3305.0	2750.2	2033.0	1399.1	866.8	530.9	400.9
42.5°	3727.2	3729.9	3735.6	3722.9	3559.2	2784.0	1934.2	1204.2	649.4	396.7	343.1
45°	4143.6	4119.6	4092.7	4073.1	3793.5	2796.8	1798.7	967.0	458.9	333.2	317.6
47.5°	4534.7	4502.2	4447.2	4390.7	4002.4	2777.0	1625.0	724.2	348.7	305.0	300.7
50°	4918.7	4857.9	4780.3	4715.3	4202.9	2747.4	1433.0	522.4	305.0	290.9	286.6
52.5°	5394.5	5292.8	5191.2	5106.4	4464.0	2700.7	1231.1	396.7	286.6	279.6	273.9
55°	6046.7	5905.5	5741.8	5623.2	4818.4	2630.2	1019.3	336.0	278.1	272.4	264.0
57.5°	6950.3	6738.4	6553.6	6360.1	5302.7	2558.1	837.2	312.0	276.7	268.3	257.0
60°	7873.6	7619.5	7383.6	7106.9	5796.8	2486.2	710.2	309.2	280.9	268.3	251.3
62.5°	8353.6	8091.0	7807.3	7526.2	6010.1	2316.8	622.6	313.4	290.9	272.4	251.3
65°	8243.4	7923.0	7635.0	7348.4	5762.9	1996.3	526.6	319.1	310.6	289.4	255.5
67°	7690.1	7355.4	7078.8	6804.9	5212.3	1671.6	451.8	324.7	331.8	309.2	264.0
67.5°	7495.2	7160.6	6888.2	6621.3	5049.9	1603.8	433.5	327.6	336.0	314.8	266.8
70°	6214.7	5969.0	5679.7	5473.5	4088.6	1187.4	355.8	333.2	361.5	347.3	279.6
72.5°	4472.5	4238.2	4020.8	3906.4	3011.4	830.2	299.3	327.6	377.0	365.7	285.2
75°	2377.4	2363.3	2284.2	2340.7	1863.5	542.2	264.0	306.3	360.0	334.6	265.4
77.5°	480.0	494.1	580.2	571.8	601.5	302.1	225.9	262.6	278.1	245.7	216.0
80°	223.1	218.9	214.6	217.4	213.2	193.4	183.5	206.1	193.4	158.1	144.0
82.5°	138.3	135.5	131.3	129.8	144.0	153.9	160.9	162.4	128.5	110.2	105.9
85°	66.3	66.3	65.0	67.8	84.7	125.7	135.5	120.0	86.1	79.1	74.8
87.5°	12.7	12.7	14.1	12.7	16.9	29.6	33.9	39.5	32.4	33.9	38.1
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):

	165°	175°	180°
0°	1404.8	1404.8	1404.8
2.5°	1362.4	1359.6	1359.6
5°	1334.1	1332.7	1332.7
7.5°	1327.0	1328.5	1327.0
10°	1353.9	1352.5	1358.1
12.5°	1413.2	1417.4	1416.1
15°	1475.3	1478.1	1478.1
17.5°	1493.7	1483.8	1482.4
20°	1445.7	1427.4	1423.1
22.5°	1355.3	1321.5	1322.9
25°	1240.9	1200.0	1202.8
27.5°	1108.3	1064.5	1063.1
30°	948.7	900.7	876.7
32.5°	756.7	698.9	698.9
35°	568.9	522.4	505.4
37.5°	432.0	405.2	396.7
40°	360.0	347.3	344.5
42.5°	327.6	323.3	321.9
45°	310.6	307.8	306.3
47.5°	295.0	293.7	292.2
50°	283.7	282.4	280.9
52.5°	273.9	271.1	269.6
55°	259.8	259.8	259.8
57.5°	251.3	251.3	249.8
60°	242.8	241.5	241.5
62.5°	235.8	233.0	234.4
65°	231.5	227.3	227.3
67°	228.7	220.2	220.2
67.5°	228.7	217.4	217.4
70°	224.5	206.1	203.3
72.5°	220.2	193.4	189.2
75°	208.9	183.5	179.3
77.5°	179.3	163.7	160.9
80°	138.3	120.0	122.8
82.5°	100.2	86.1	84.7
85°	72.0	62.1	62.1
87.5°	38.1	32.4	33.9
90°	0.0	0.0	0.0

(END OF REPORT)