Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1200217

Luminaire Tested: GPC-SB2C-735-U-T4W

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200217
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-735-U-T4W
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14945 lumens
Efficiency:	N/A
Efficacy:	148.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

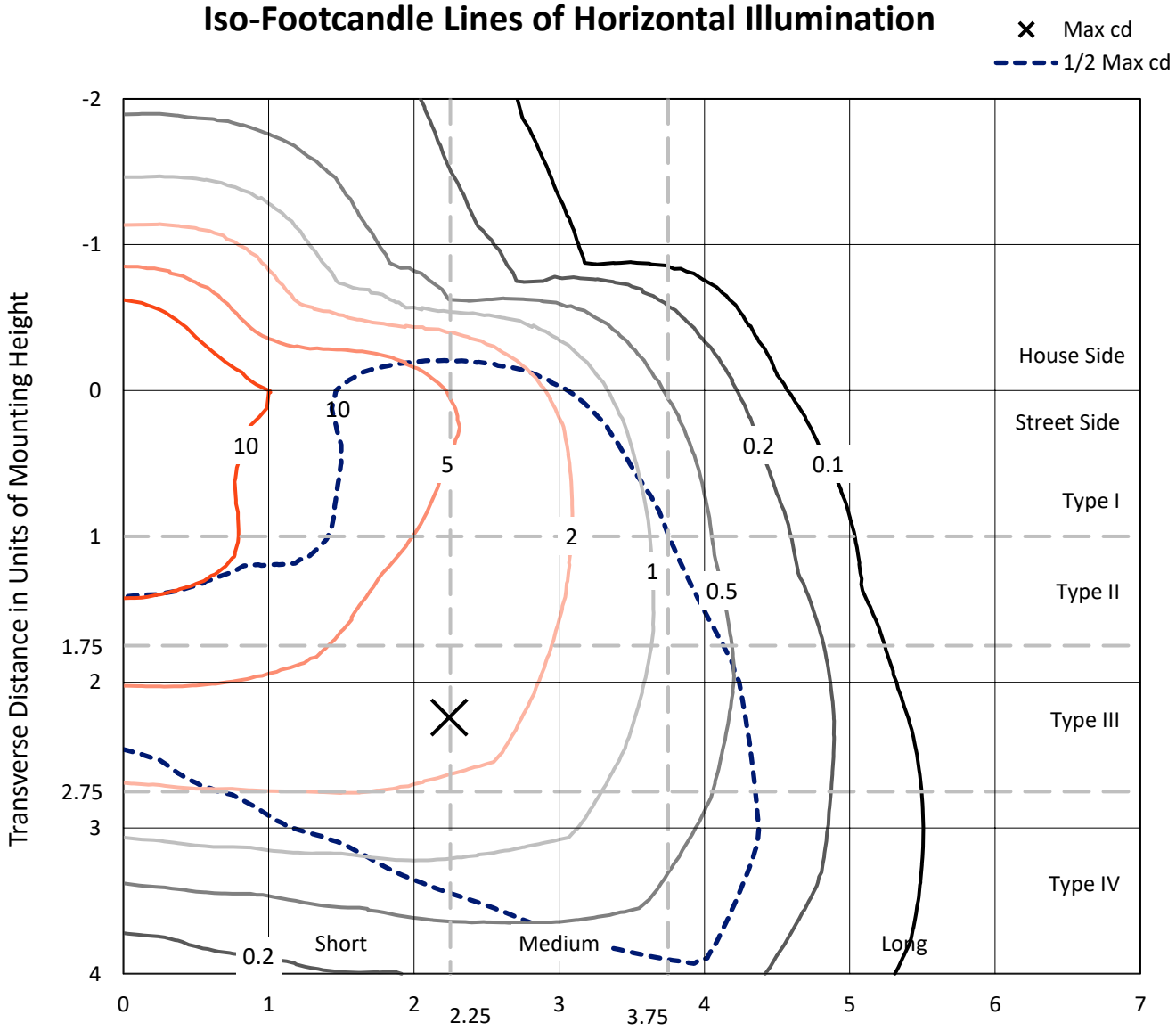


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Iso-Footcandle Lines of Horizontal Illumination



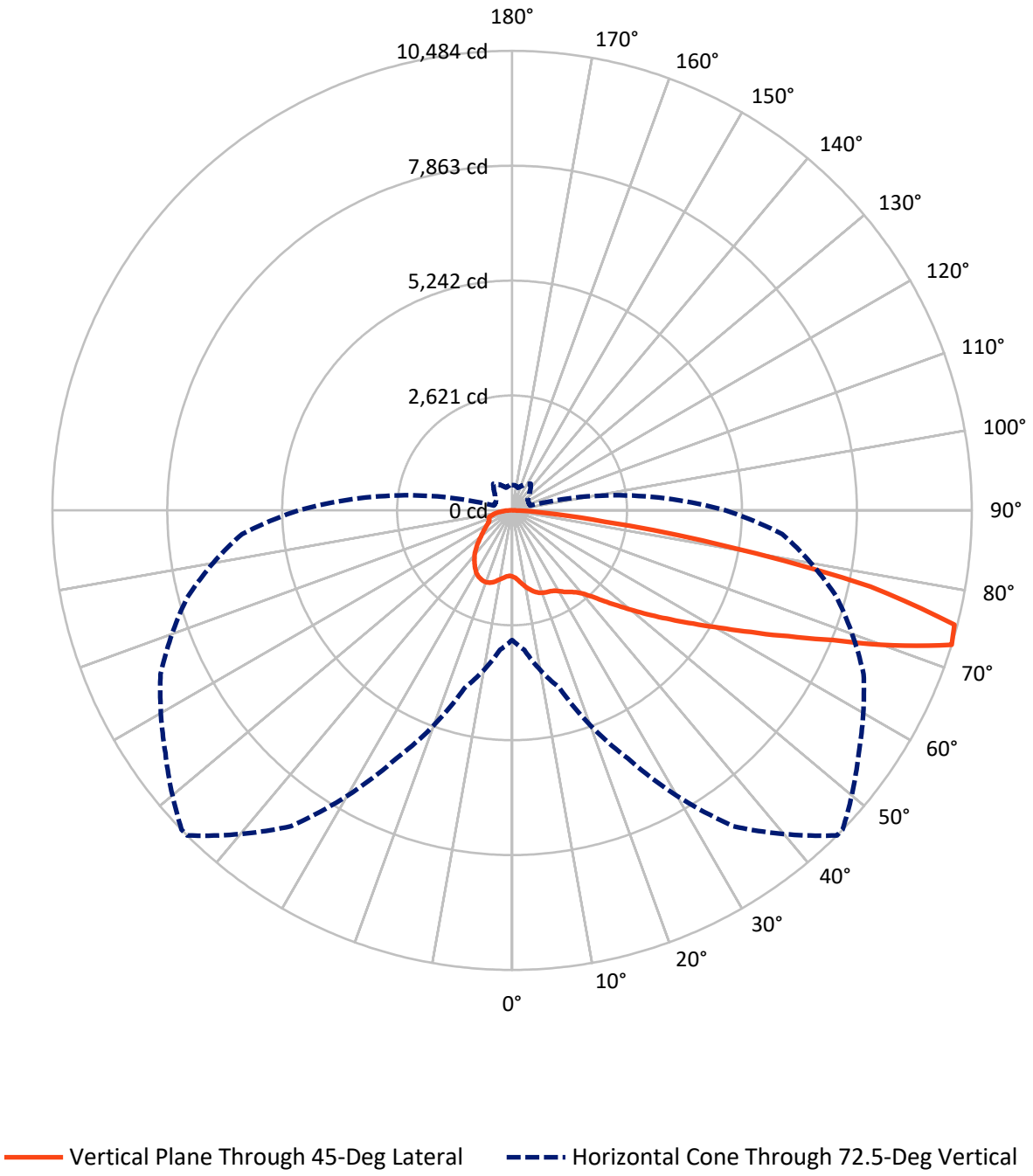
Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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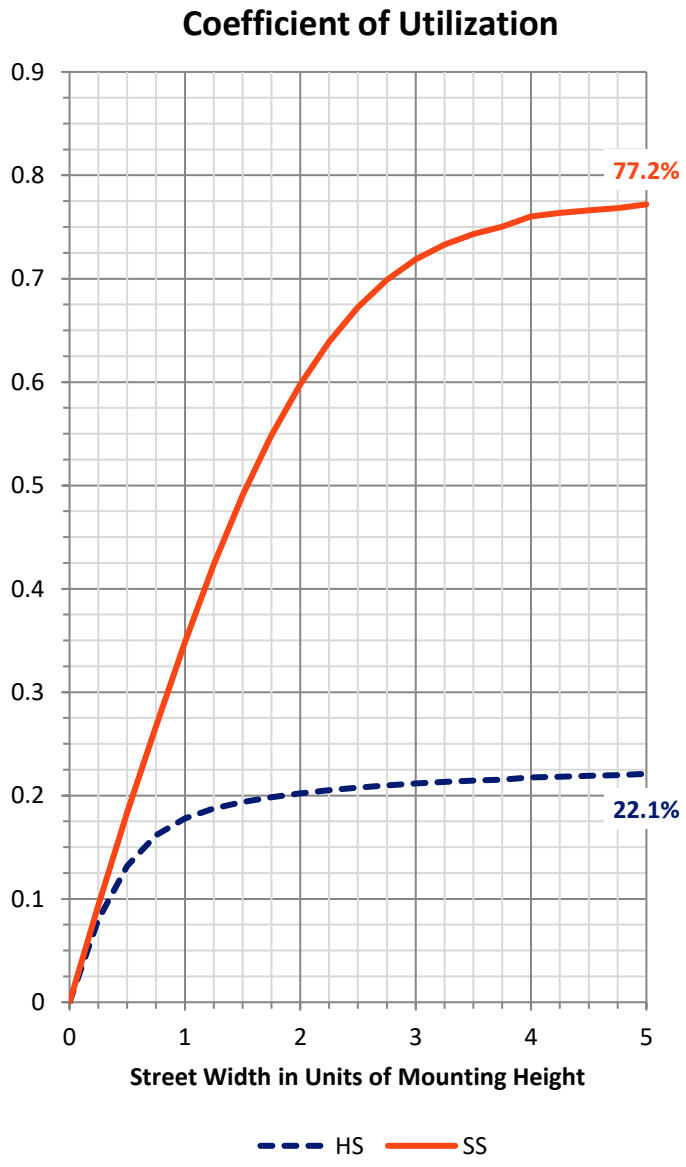
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3378.6	0.0	3378.6
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	11566.4	0.0	11566.4
	% Fixture	77.4	0.0	77.4
Total	Lumens	14945.0	0.0	14945.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.4	1.0
10°-20°	511.6	3.4
20°-30°	890.0	6.0
30°-40°	1275.9	8.5
40°-50°	1796.5	12.0
50°-60°	2751.7	18.4
60°-70°	3986.2	26.7
70°-80°	3183.2	21.3
80°-90°	396.5	2.7
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°	14945.0	100.0
0°-180°	14945.0	100.0



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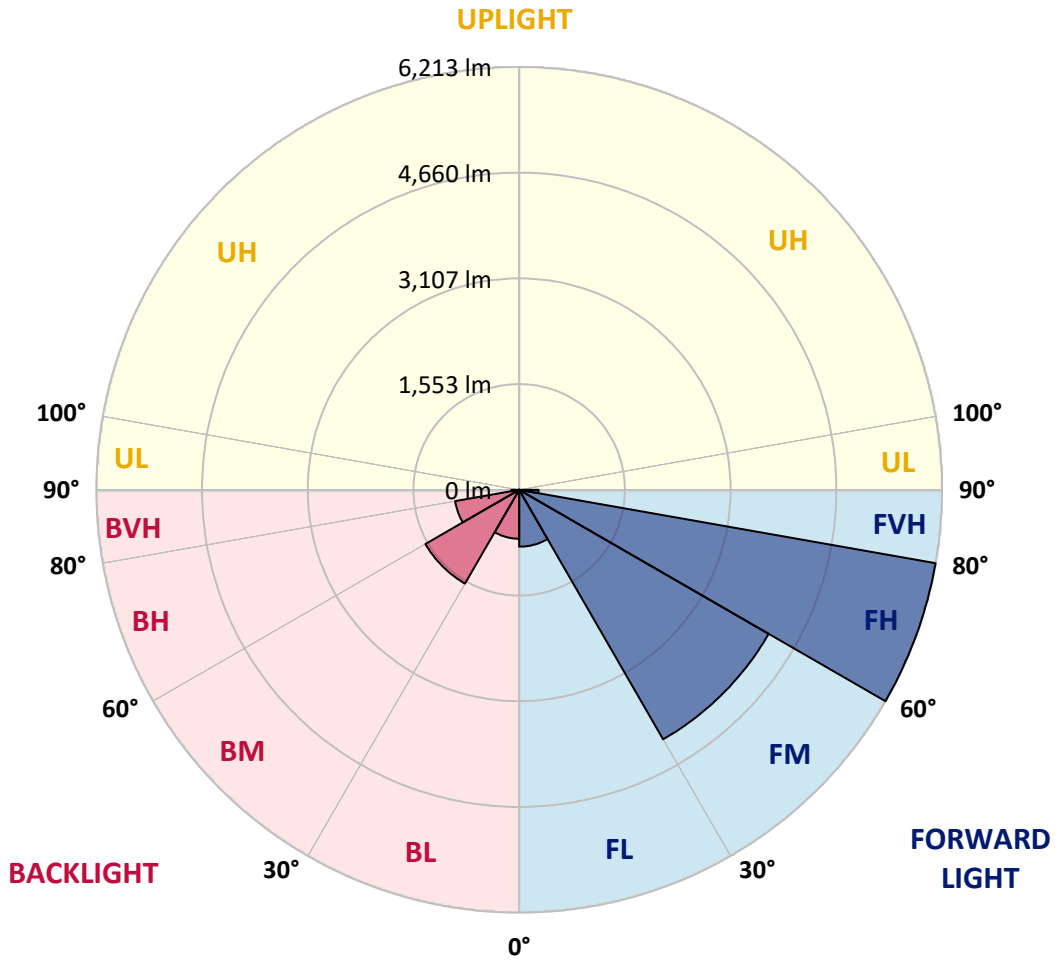
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	835.7	5.6			
FM	(30°-60°)	4233.2	28.3			
FH	(60°-80°)	6213.1	41.6			G3/7500
FVH	(80°-90°)	284.4	1.9			G3/500
BL	(0°-30°)	719.3	4.8	B2/1000		
BM	(30°-60°)	1590.8	10.6	B2/2500		
BH	(60°-80°)	956.4	6.4	B2/1000		G2/1000
BVH	(80°-90°)	112.0	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7
2.5°	1566.7	1576.9	1567.5	1558.8	1554.9	1544.7	1543.9	1537.6	1533.6	1522.6	1519.5
5°	1676.1	1689.5	1673.8	1656.5	1640.7	1615.5	1612.4	1594.3	1573.8	1550.2	1536.8
7.5°	1799.7	1811.6	1793.4	1767.5	1739.9	1698.2	1697.4	1664.3	1632.1	1591.9	1569.1
10°	1907.6	1923.3	1898.9	1863.5	1828.9	1781.6	1776.1	1738.3	1697.4	1645.4	1610.8
12.5°	2002.9	2013.9	1990.3	1947.0	1906.8	1859.6	1852.5	1810.8	1765.1	1706.1	1662.0
15°	2078.4	2092.6	2061.1	2014.7	1972.2	1925.7	1919.4	1881.6	1836.0	1773.8	1717.1
17.5°	2128.0	2139.9	2107.6	2055.6	2014.7	1976.1	1971.4	1939.9	1899.7	1836.7	1776.1
20°	2146.9	2159.5	2125.7	2072.9	2035.1	2005.2	2002.9	1980.0	1952.5	1895.0	1833.6
22.5°	2165.8	2177.6	2133.6	2078.4	2045.4	2026.5	2025.7	2010.7	1999.7	1952.5	1892.6
25°	2242.2	2245.3	2186.3	2106.8	2059.5	2043.0	2042.2	2041.4	2046.2	2009.2	1956.4
27.5°	2308.3	2307.5	2257.2	2182.4	2109.1	2074.5	2073.7	2081.6	2096.6	2065.8	2022.5
30°	2405.2	2396.5	2336.7	2258.7	2191.8	2138.3	2133.6	2126.5	2138.3	2113.9	2088.7
32.5°	2610.7	2583.1	2486.3	2347.7	2260.3	2219.4	2213.1	2169.0	2173.7	2158.7	2146.2
35°	2905.1	2868.9	2739.8	2516.2	2345.3	2287.1	2283.9	2228.0	2218.6	2205.2	2209.9
37.5°	3255.4	3210.6	3060.2	2760.2	2491.8	2365.8	2361.1	2310.7	2272.1	2257.9	2284.7
40°	3607.4	3550.7	3426.3	3057.8	2707.5	2497.3	2482.3	2406.0	2361.9	2338.3	2394.9
42.5°	3949.0	3901.8	3795.5	3391.6	2973.6	2689.4	2656.3	2525.6	2492.6	2470.5	2572.9
45°	4251.4	4208.9	4130.9	3748.3	3285.4	2950.8	2918.5	2705.1	2694.9	2694.9	2842.9
47.5°	4497.0	4487.6	4404.9	4112.0	3653.0	3248.4	3192.5	2954.7	2982.3	3024.8	3226.3
50°	4769.4	4743.4	4655.2	4470.2	4085.2	3589.3	3543.6	3261.0	3364.1	3480.6	3780.6
52.5°	5019.8	5033.9	4935.5	4843.4	4573.4	3969.5	3889.2	3622.3	3845.1	4038.0	4430.1
55°	5277.2	5278.0	5250.4	5237.8	5085.1	4389.9	4301.8	4056.9	4411.2	4650.5	5187.5
57.5°	5518.9	5520.5	5561.4	5672.4	5678.7	4874.9	4774.9	4590.7	5040.2	5284.3	5968.4
60°	5734.6	5745.6	5857.4	6117.2	6200.7	5430.7	5336.2	5221.3	5690.5	5936.2	6789.6
62.5°	5807.0	5847.2	6096.0	6465.2	6716.4	6112.5	6019.6	5951.1	6373.9	6602.2	7476.1
65°	5684.2	5776.3	6257.4	6752.6	7247.0	6922.6	6830.5	6755.7	7084.0	7299.0	8039.8
67.5°	5382.7	5501.6	6247.9	7054.1	7891.0	7897.3	7811.5	7635.9	7845.3	7928.0	8223.2
70°	4588.3	4766.3	5697.6	7166.7	8630.3	9230.2	9147.5	8695.6	8605.1	8205.1	7706.8
72.5°	2956.3	3195.6	4195.5	6240.1	8794.8	10484.3	10479.6	9652.2	8845.2	7666.6	6181.0
75°	1078.6	1225.0	1949.3	3916.8	7382.4	10420.6	10451.3	9488.4	8074.4	5922.0	3850.6
77.5°	392.9	429.9	636.1	1505.3	4540.3	8361.0	8424.8	7585.5	5747.2	2972.0	1525.8
80°	206.3	226.7	325.9	584.2	1945.4	4965.4	5065.4	4508.0	2701.2	895.1	457.4
82.5°	114.2	123.6	182.7	317.3	876.3	2123.3	2183.2	1780.8	950.3	379.5	188.9
85°	61.4	65.3	85.8	173.2	428.3	736.1	752.6	532.2	378.7	222.8	91.3
87.5°	18.1	22.0	28.3	55.1	167.7	165.3	169.3	105.5	149.6	112.6	29.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7	1507.7
2.5°	1514.7	1512.4	1503.7	1499.8	1495.1	1494.3	1498.2	1499.0	1499.8	1500.6	1503.7
5°	1528.9	1521.0	1513.2	1508.4	1510.0	1510.8	1518.7	1524.2	1528.1	1531.3	1532.9
7.5°	1556.5	1550.2	1536.8	1536.0	1538.4	1545.4	1555.7	1568.3	1575.4	1580.9	1582.5
10°	1597.4	1585.6	1569.9	1572.2	1576.9	1587.2	1608.4	1618.7	1630.5	1640.7	1638.3
12.5°	1639.1	1628.9	1610.8	1612.4	1620.2	1638.3	1658.8	1671.4	1679.3	1687.2	1690.3
15°	1693.5	1675.4	1655.7	1655.7	1669.8	1689.5	1699.0	1709.2	1713.9	1722.6	1725.7
17.5°	1749.4	1725.7	1699.8	1698.2	1715.5	1725.0	1730.5	1732.0	1733.6	1743.1	1746.2
20°	1805.3	1779.3	1742.3	1739.1	1743.1	1741.5	1740.7	1739.1	1741.5	1753.3	1758.0
22.5°	1860.4	1830.4	1779.3	1765.1	1754.1	1739.1	1738.3	1737.5	1739.1	1750.9	1758.8
25°	1924.9	1888.7	1820.2	1777.7	1740.7	1720.2	1722.6	1723.4	1725.0	1734.4	1747.0
27.5°	1995.0	1954.8	1858.0	1773.8	1706.8	1692.7	1688.7	1691.1	1696.6	1711.6	1726.5
30°	2065.1	2017.8	1892.6	1758.0	1664.3	1644.6	1632.1	1637.6	1654.9	1669.8	1686.4
32.5°	2128.8	2081.6	1920.2	1723.4	1610.0	1579.3	1562.8	1569.9	1587.2	1592.7	1612.4
35°	2203.6	2150.1	1932.0	1668.3	1551.0	1503.7	1481.7	1471.4	1480.1	1474.6	1491.9
37.5°	2287.1	2231.2	1930.4	1595.8	1481.7	1427.4	1396.7	1358.1	1340.0	1321.1	1332.9
40°	2410.7	2330.4	1911.5	1508.4	1395.9	1346.3	1291.2	1225.8	1184.9	1147.9	1150.2
42.5°	2579.2	2468.2	1876.9	1412.4	1299.0	1252.6	1177.8	1101.4	1036.9	975.5	969.9
45°	2830.3	2648.4	1833.6	1310.0	1194.3	1148.7	1067.6	981.8	908.5	829.8	820.4
47.5°	3192.5	2890.9	1792.7	1193.5	1084.1	1042.4	969.2	889.6	803.0	726.7	718.0
50°	3690.0	3238.9	1754.9	1080.2	975.5	944.0	885.7	804.6	717.2	655.8	651.9
52.5°	4323.0	3712.1	1739.1	970.7	873.9	862.1	815.6	740.1	657.4	605.4	601.5
55°	5049.7	4278.1	1739.1	866.0	784.9	788.9	756.6	686.5	614.9	568.4	563.7
57.5°	5791.3	4851.3	1707.6	769.2	709.3	725.9	705.4	644.0	579.4	531.4	523.5
60°	6474.7	5331.5	1580.1	681.0	642.4	668.4	655.0	602.3	523.5	483.4	477.1
62.5°	6999.8	5602.4	1334.5	610.9	587.3	617.2	610.1	547.2	513.3	496.8	491.3
65°	7262.7	5558.3	1020.3	548.7	540.9	587.3	572.4	570.0	543.2	524.3	518.0
67.5°	7101.4	5178.8	740.1	503.1	514.1	559.8	617.2	626.7	577.1	540.1	533.8
70°	6393.6	4492.3	551.1	459.8	480.2	560.6	703.8	655.8	566.1	522.8	515.7
72.5°	*4863.9*	*3349.9*	*427.5*	*414.1*	*436.2*	*564.5*	*742.4*	*642.4*	*534.6*	*577.9*	*573.1*
75°	2781.5	1839.1	343.3	358.2	381.0	527.5	722.7	607.8	510.2	530.6	530.6
77.5°	1060.5	707.0	283.4	303.1	306.3	460.6	691.2	605.4	485.8	473.9	432.2
80°	367.7	276.3	234.6	240.9	237.0	409.4	662.9	526.7	397.6	355.9	344.0
82.5°	150.4	137.8	185.8	177.9	168.5	318.1	535.4	430.6	325.2	287.4	284.2
85°	65.3	87.4	122.8	107.9	97.6	220.4	429.1	364.5	274.8	237.0	236.2
87.5°	13.4	33.1	52.0	48.8	50.4	147.2	304.7	259.0	194.5	145.6	114.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)