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: P1203382

Luminaire Tested: GWC-SB2C-735-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203382
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10935 lumens
Efficiency:	N/A
Efficacy:	108.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

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

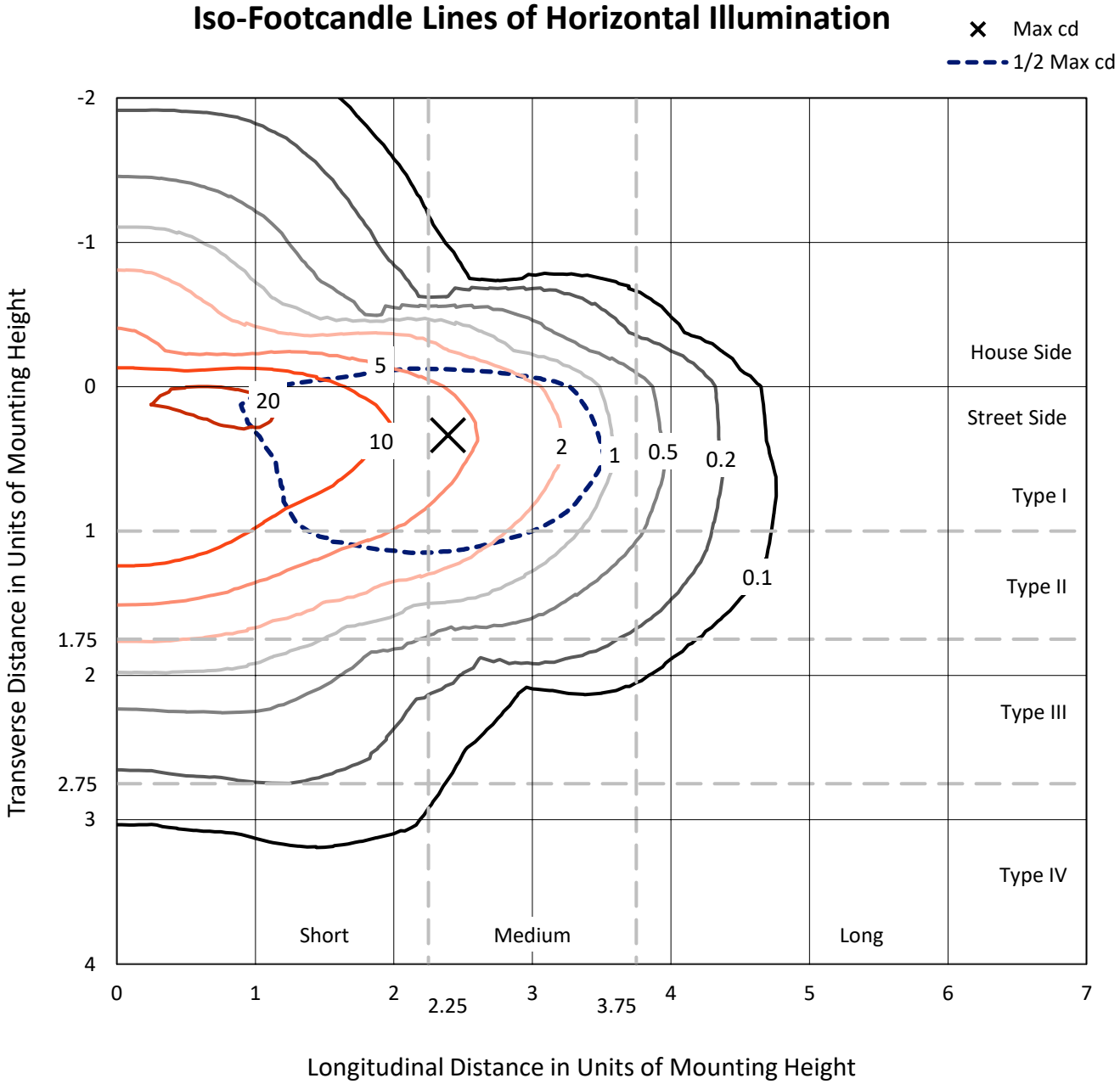


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Iso-Footcandle Lines of Horizontal Illumination



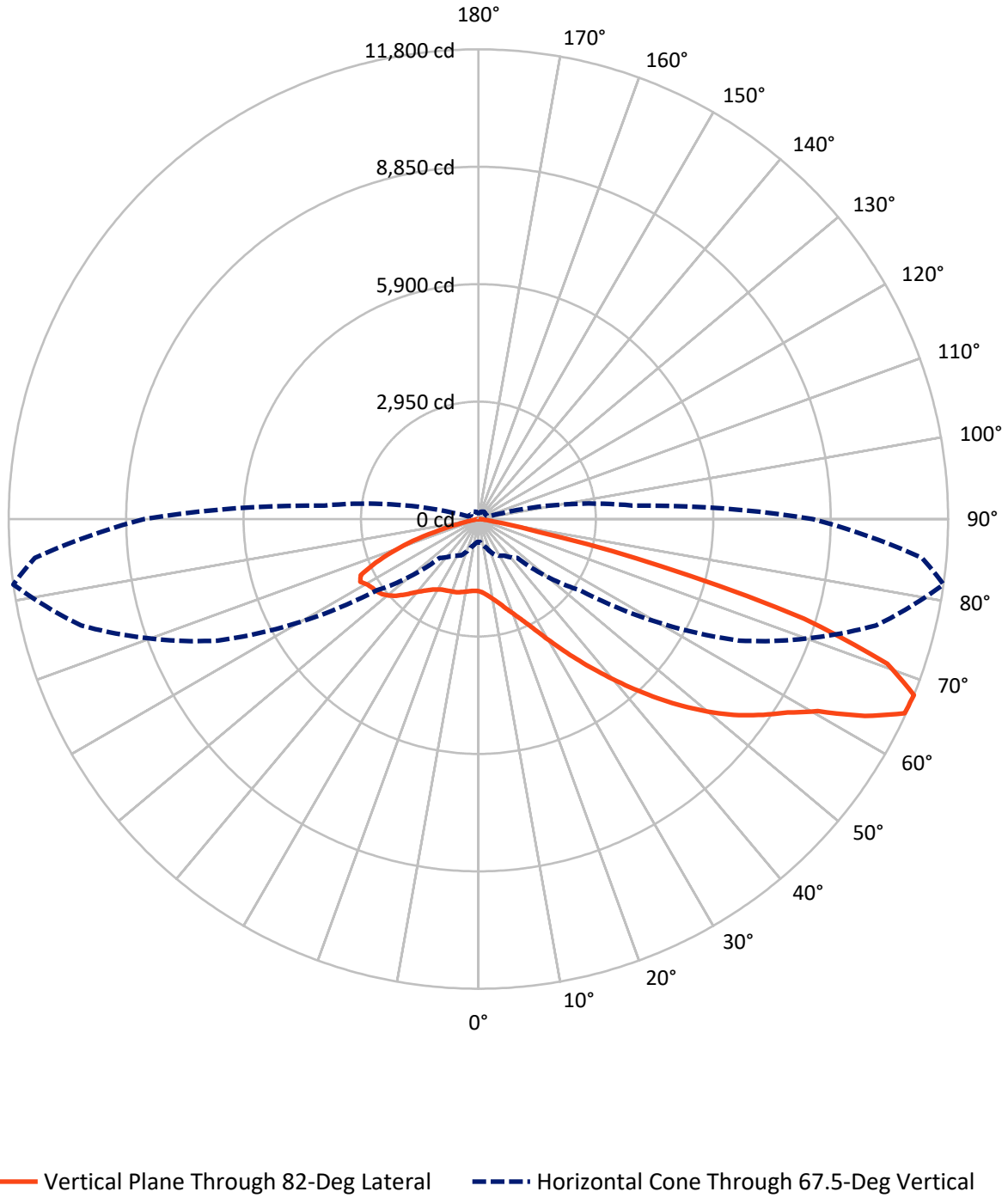
Based on 10 foot mounting height. Maximum calculated value = 23.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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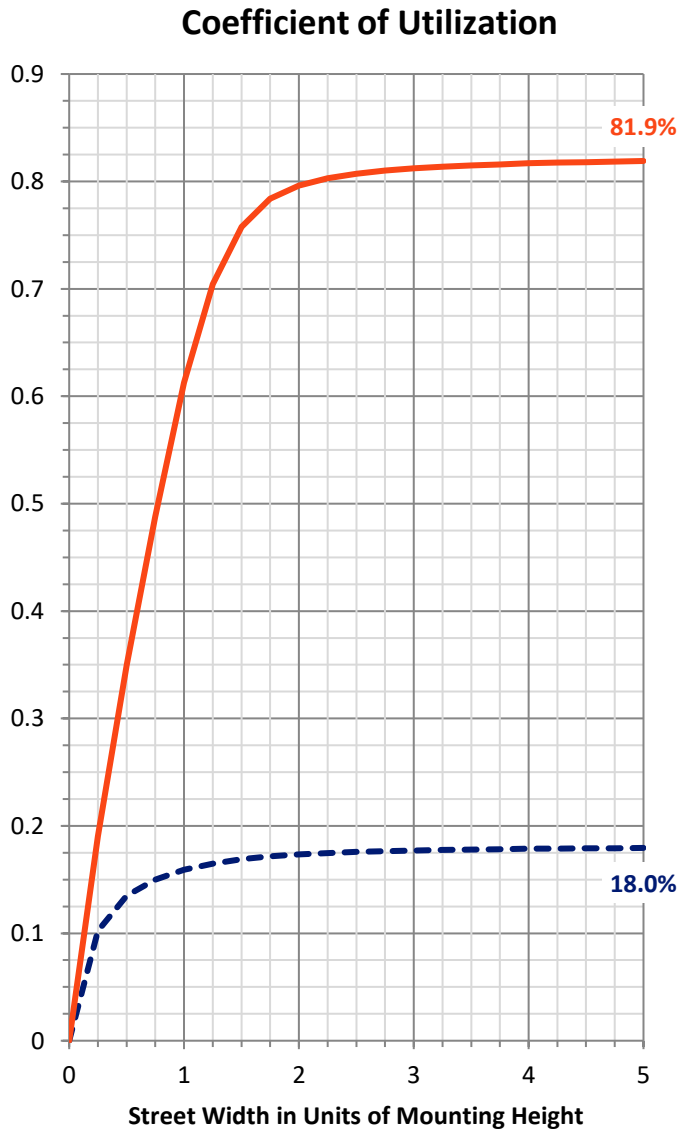
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1980.8	0.0	1980.8
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	8954.2	0.0	8954.2
	% Fixture	81.9	0.0	81.9
Total	Lumens	10935.0	0.0	10935.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.4	1.5
10°-20°	419.4	3.8
20°-30°	671.8	6.1
30°-40°	1187.9	10.9
40°-50°	2081.3	19.0
50°-60°	2775.8	25.4
60°-70°	2584.1	23.6
70°-80°	991.8	9.1
80°-90°	61.6	0.6
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°	10935.0	100.0
0°-180°	10935.0	100.0



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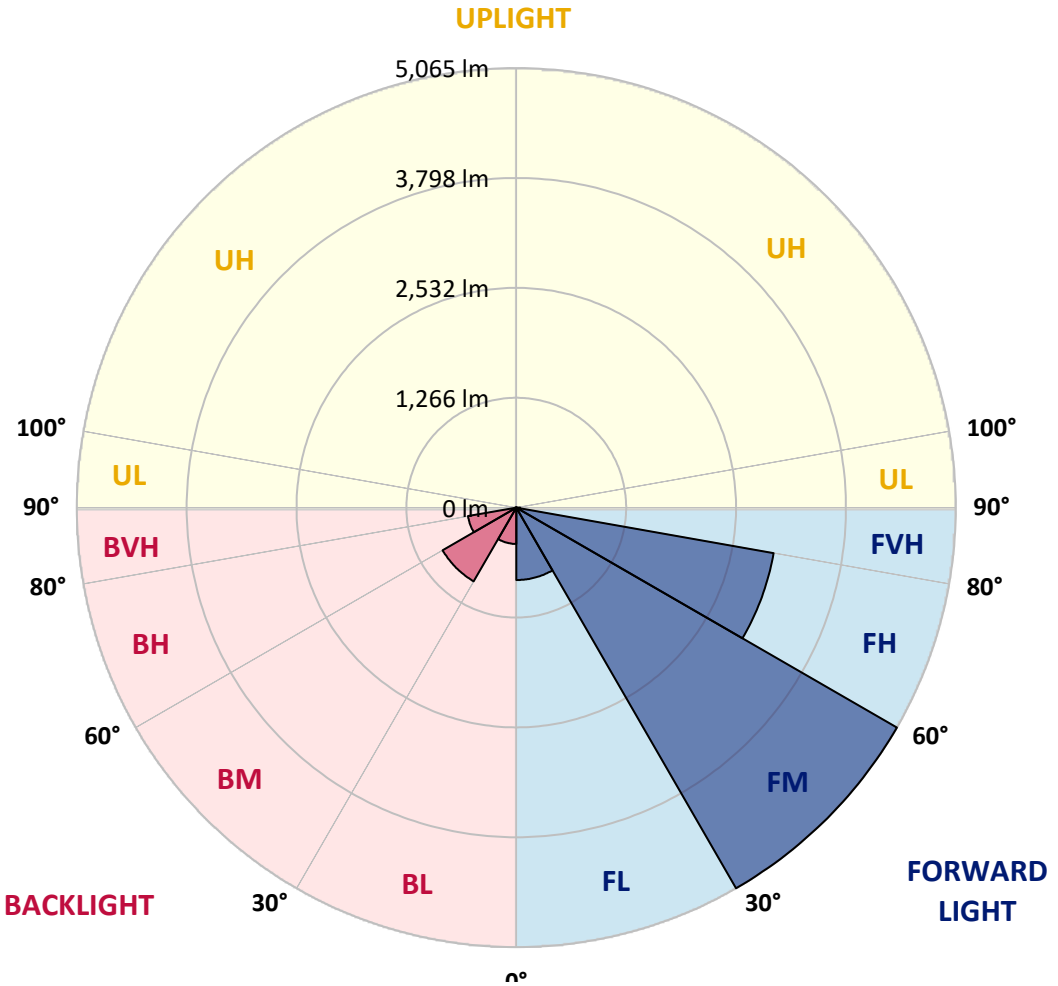
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	834.2	7.6			
FM	(30°-60°)	5064.6	46.3			
FH	(60°-80°)	3010.6	27.5			G2/5000
FVH	(80°-90°)	44.8	0.4			G1/100
BL	(0°-30°)	418.3	3.8	B1/500		
BM	(30°-60°)	980.3	9.0	B1/1000		
BH	(60°-80°)	565.4	5.2	B2/1000		G2/1000
BVH	(80°-90°)	16.8	0.2			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	*1811.6*	1811.6
2.5°	1914.7	1925.7	1919.4	1916.3	1910.8	1902.9	1896.6	1876.9	1856.4	*1843.1*	1838.3
5°	1953.3	1964.3	1963.5	1966.7	1970.6	1973.0	1971.4	1949.3	1920.2	*1897.4*	1884.0
7.5°	1920.2	1932.8	1943.0	1958.8	1986.3	2015.5	2029.6	2024.9	1995.0	*1963.5*	1947.0
10°	1826.5	1839.9	1864.3	1901.3	1959.6	2022.6	2075.3	2099.7	2080.8	*2046.2*	2023.3
12.5°	1654.9	1668.3	1716.3	1796.6	1894.2	2003.7	2104.4	2169.8	2174.5	*2139.9*	2113.1
15°	1462.0	1475.4	1526.6	1627.3	1776.1	1951.7	2120.2	2243.8	2285.5	*2255.6*	2223.3
17.5°	1342.3	1354.1	1392.7	1473.8	1628.9	1847.8	2114.7	2322.5	2417.8	*2394.2*	2355.6
20°	1306.1	1316.4	1334.5	1391.1	1520.3	1739.9	2078.5	2396.5	2560.3	*2546.9*	2503.6
22.5°	1344.7	1354.1	1359.7	1384.8	1465.9	1669.1	2032.8	2472.1	2725.6	*2727.2*	2674.4
25°	1433.7	1443.1	1436.8	1452.6	1488.0	1647.0	2015.5	2561.1	2933.5	*2950.8*	2890.9
27.5°	1580.1	1580.9	1565.9	1565.1	1570.6	1680.1	2033.6	2656.3	3195.6	*3227.9*	3153.9
30°	1873.8	1861.9	1804.5	1742.3	1713.9	1779.3	2084.0	2768.9	3505.0	*3562.5*	3469.6
32.5°	2326.4	2309.1	2203.6	2054.8	1905.2	1939.1	2174.5	2897.2	3842.0	*3945.9*	3832.5
35°	2817.7	2813.0	2702.8	2481.5	2220.2	2166.6	2321.7	3065.7	4209.7	*4375.0*	4240.4
37.5°	3274.3	3272.0	3209.0	2948.4	2630.3	2483.9	2557.9	3286.2	4603.3	*4842.6*	4683.6
40°	3691.6	3698.7	3635.7	3402.7	3082.2	2890.9	2879.1	3558.6	5041.0	*5352.0*	5163.1
42.5°	4052.2	4060.1	3996.3	3823.9	3528.6	3341.3	3273.6	3892.4	5468.5	*5899.2*	5675.6
45°	4297.0	4345.9	4336.4	4198.6	3986.8	3792.4	3747.5	4311.2	5955.9	*6479.4*	6217.2
47.5°	4366.3	4411.2	4482.1	4500.9	4371.8	4180.5	4234.1	4815.9	6448.7	*7060.4*	6762.1
50°	4195.5	4237.2	4384.4	4580.5	4670.2	4611.2	4707.2	5356.7	6953.4	*7639.9*	7296.6
52.5°	3858.5	3901.0	4086.8	4397.0	4763.1	4948.9	5182.0	5889.7	7442.3	*8188.6*	7802.9
55°	3371.2	3416.1	3654.6	4005.7	4586.0	5088.3	5578.0	6421.9	7890.2	*8682.3*	8259.5
57.5°	2708.3	2741.4	2989.3	3480.6	4140.4	4949.7	5870.1	7003.0	8312.2	*9167.2*	8712.2
60°	1765.1	1794.2	2082.4	2630.3	3401.9	4486.8	5928.3	7650.9	8872.8	*9797.9*	9322.3
62.5°	1173.9	1193.5	1364.4	1766.7	2395.7	3597.9	5587.4	8168.2	9694.7	*10895.3*	10368.6
65°	805.4	825.1	995.9	1276.2	1547.8	2380.0	4607.2	8099.7	10439.5	*11766.9*	11144.1
67.5°	*574.7*	*591.3*	*736.1*	*1000.6*	*1120.3*	*1382.5*	*3123.2*	*7224.2*	*10332.4*	*11799.9*	*11185.8*
70°	411.8	421.2	540.9	779.4	890.4	830.6	1736.8	5525.2	9046.8	*10896.1*	10334.0
72.5°	288.1	291.3	375.5	593.6	717.2	606.2	826.7	3683.7	6842.4	*8552.4*	8011.5
75°	195.2	199.2	252.7	435.4	575.5	462.9	437.7	1975.3	4016.8	*4734.0*	4243.5
77.5°	119.7	121.2	163.0	297.6	430.6	352.7	281.9	836.9	1554.1	*1525.8*	1300.6
80°	67.7	67.7	103.9	185.0	293.7	227.5	197.6	355.9	492.1	*432.2*	381.0
82.5°	37.8	38.6	75.6	114.9	194.5	134.6	108.6	164.5	212.6	*188.2*	163.8
85°	15.7	17.3	46.5	54.3	92.9	66.9	44.1	69.3	78.7	*70.1*	51.2
87.5°	1.6	2.4	14.2	10.2	11.0	13.4	6.3	13.4	11.0	*11.0*	7.9
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°	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6	1811.6
2.5°	1823.4	1811.6	1781.6	1747.0	1701.3	1679.3	1649.4	1628.9	1611.6	1613.2	1597.4
5°	1858.8	1828.9	1762.0	1678.5	1574.6	1500.6	1421.8	1367.5	1323.4	1314.0	1292.7
7.5°	1907.6	1860.4	1743.1	1592.7	1417.1	1284.1	1165.2	1088.8	1034.5	1017.2	999.9
10°	1970.6	1902.1	1718.7	1484.8	1232.1	1062.8	935.3	875.5	838.5	825.9	816.4
12.5°	2043.8	1950.1	1686.4	1353.4	1041.6	878.6	797.5	767.6	755.8	751.9	749.5
15°	2135.9	2010.0	1637.6	1197.5	880.2	766.0	731.4	727.5	729.0	727.5	726.7
17.5°	2245.4	2075.3	1558.1	1036.9	771.5	708.6	696.0	699.1	703.1	702.3	700.7
20°	2365.0	2139.9	1456.5	894.4	697.5	667.6	660.5	663.7	666.8	665.3	664.5
22.5°	2501.2	2209.1	1343.9	783.4	647.9	629.8	622.0	622.7	622.7	619.6	618.0
25°	2664.2	2285.5	1225.8	704.6	610.2	596.0	586.5	583.4	578.7	569.2	567.6
27.5°	2858.7	2366.6	1112.4	649.5	580.2	566.9	555.8	548.0	536.1	520.4	518.8
30°	3077.5	2465.0	1016.4	614.9	556.6	543.2	530.6	518.8	501.5	481.8	480.2
32.5°	3335.0	2570.5	946.3	592.0	535.4	521.2	506.2	492.1	473.2	453.5	454.3
35°	3642.0	2698.1	905.4	576.3	518.8	499.9	483.4	467.7	453.5	436.2	434.6
37.5°	3975.0	2833.5	892.8	568.4	507.8	478.7	459.8	448.8	447.2	436.9	436.2
40°	4339.6	2994.1	902.2	563.7	496.0	458.2	437.7	435.4	439.3	421.2	422.0
42.5°	4725.3	3184.6	918.0	558.2	479.5	437.7	418.1	418.1	414.9	389.7	389.7
45°	5142.6	3404.3	933.7	544.8	459.8	417.3	402.3	396.8	383.4	359.0	358.2
47.5°	5563.0	3627.8	945.5	520.4	436.2	399.9	386.6	374.0	354.3	332.2	331.5
50°	5962.2	3828.6	932.9	484.2	409.4	383.4	369.2	351.9	330.7	315.7	313.3
52.5°	6318.8	4002.6	879.4	441.7	381.0	366.1	353.5	335.4	318.1	302.3	300.7
55°	6629.0	4143.5	784.9	401.5	355.9	351.1	338.5	315.7	292.1	278.7	277.1
57.5°	6926.6	4250.6	666.8	368.5	333.0	334.6	315.7	295.2	273.2	259.0	257.4
60°	7322.6	4393.9	547.2	337.7	308.6	313.3	292.9	277.9	250.4	232.3	229.9
62.5°	7955.6	4616.7	434.6	300.0	280.3	281.9	273.2	255.1	222.0	200.8	199.2
65°	8457.9	4534.8	342.5	259.0	248.0	250.4	250.4	230.7	195.2	170.8	168.5
67.5°	*8401.2*	*3882.9*	*273.2*	*218.9*	*217.3*	*218.9*	*224.4*	*207.8*	*173.2*	*153.5*	*150.4*
70°	7739.1	3088.5	218.9	181.9	189.0	185.0	200.8	189.7	155.9	136.2	133.8
72.5°	6314.9	2224.9	166.9	150.4	144.9	151.2	181.1	170.8	129.9	107.9	105.5
75°	3690.0	1187.2	124.4	118.9	104.7	126.0	160.6	145.6	99.2	79.5	77.2
77.5°	1201.4	414.1	91.3	87.4	77.9	101.6	137.0	122.8	81.1	63.0	60.6
80°	322.0	125.2	62.2	57.5	50.4	75.6	108.6	97.6	58.3	40.9	40.2
82.5°	129.1	52.7	36.2	32.3	27.6	52.0	85.8	78.7	43.3	26.0	26.0
85°	41.7	17.3	13.4	10.2	12.6	32.3	51.2	53.5	30.7	13.4	10.2
87.5°	5.5	2.4	2.4	3.1	2.4	5.5	15.7	15.0	8.7	1.6	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)