

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P642715

Luminaire Tested: GWS-SA6D-740-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642715
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA6D-740-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27882.8 lumens
Efficiency: N/A
Efficacy: 113.5 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

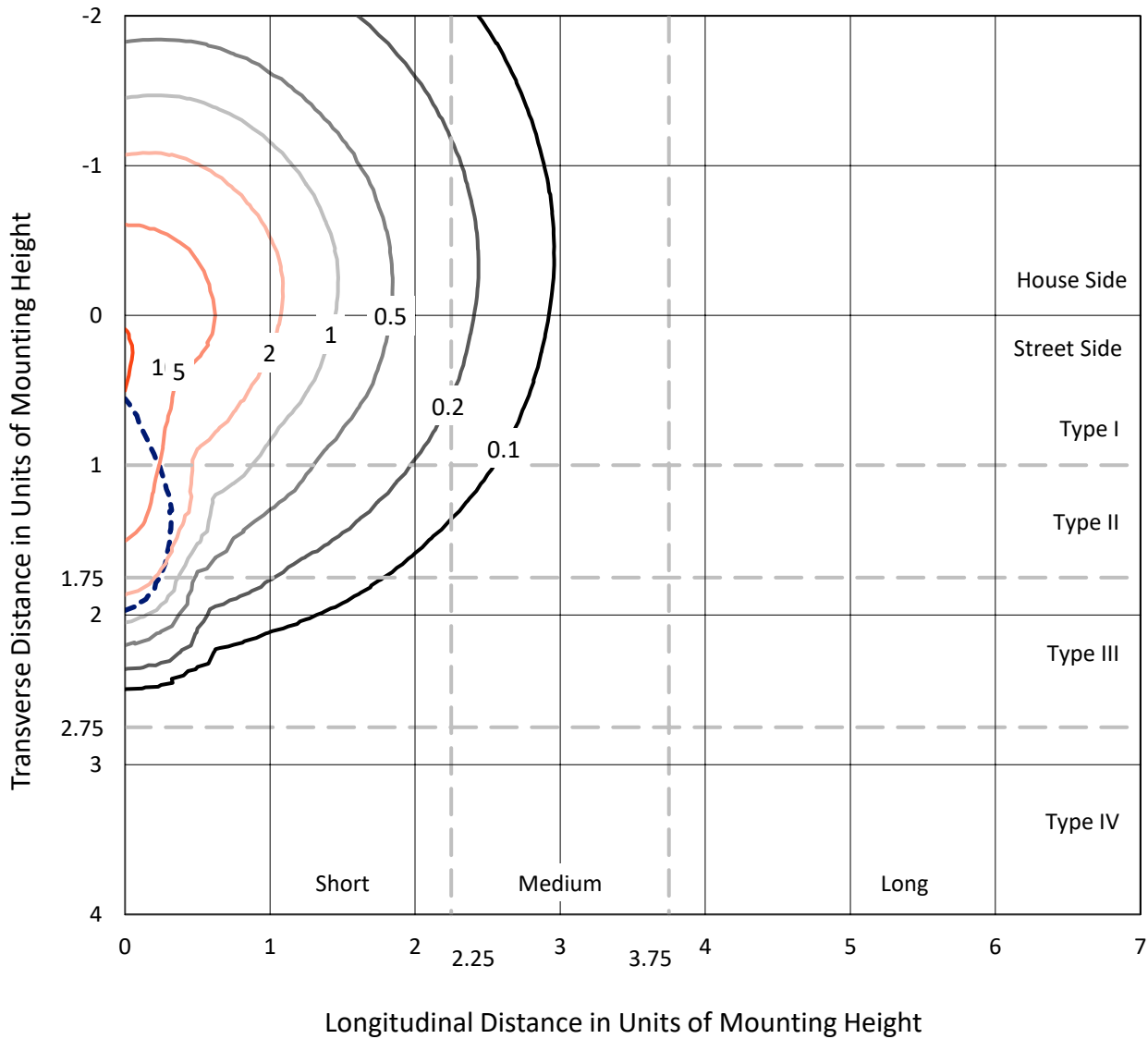
Input Watts (W): 245.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

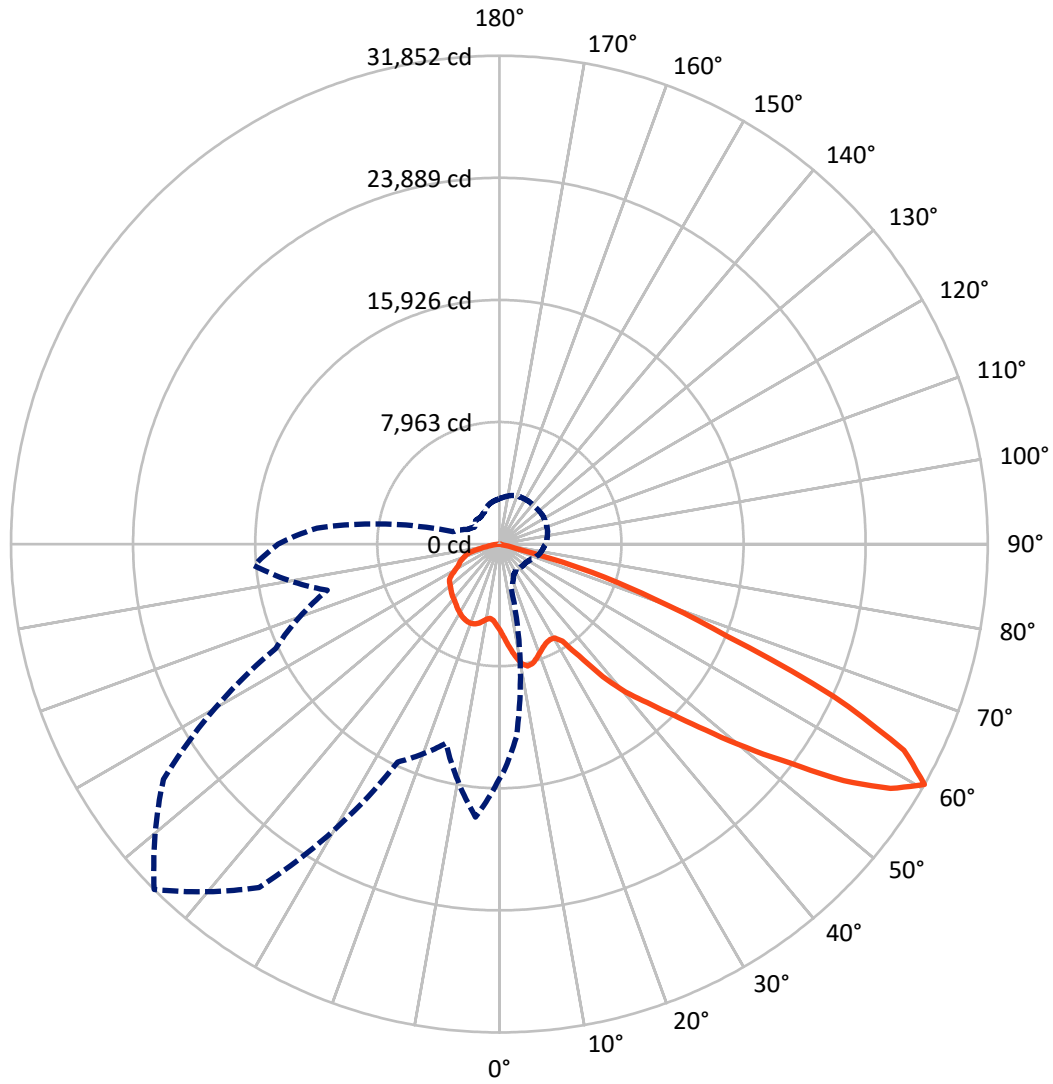
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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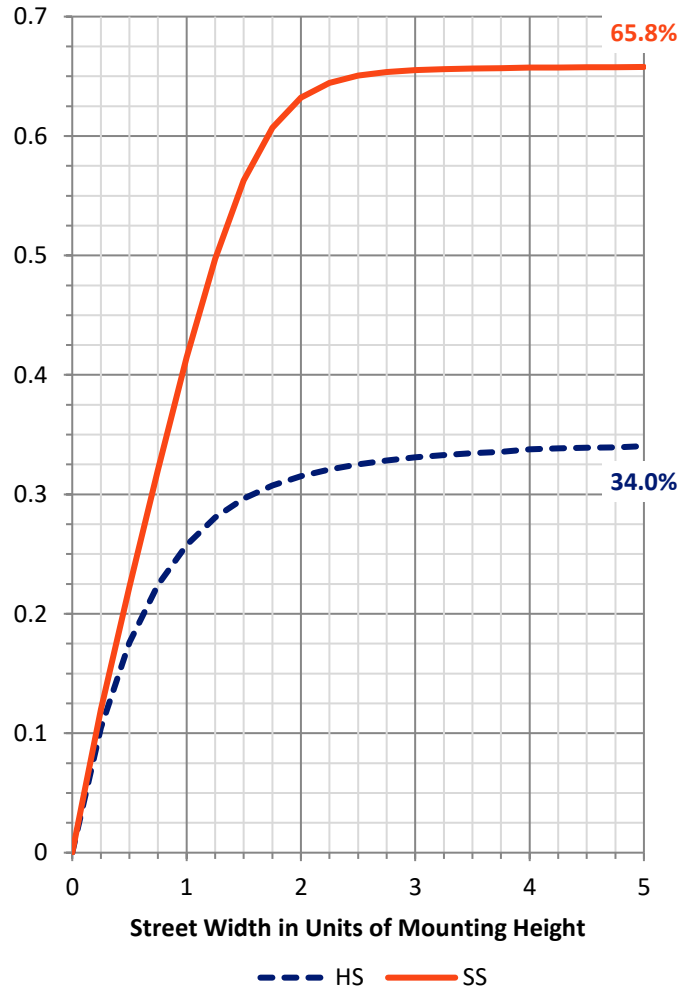
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9538.5	0.0	9538.5
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	18344.3	0.0	18344.3
	% Fixture	65.8	0.0	65.8
Total	Lumens	27882.8	0.0	27882.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	549.4	2.0
10°-20°	1762.3	6.3
20°-30°	2870.1	10.3
30°-40°	4031.8	14.5
40°-50°	5517.1	19.8
50°-60°	7078.2	25.4
60°-70°	4766.2	17.1
70°-80°	1191.6	4.3
80°-90°	116.2	0.4
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°	27882.8	100.0
0°-180°	27882.8	100.0

Coefficient of Utilization



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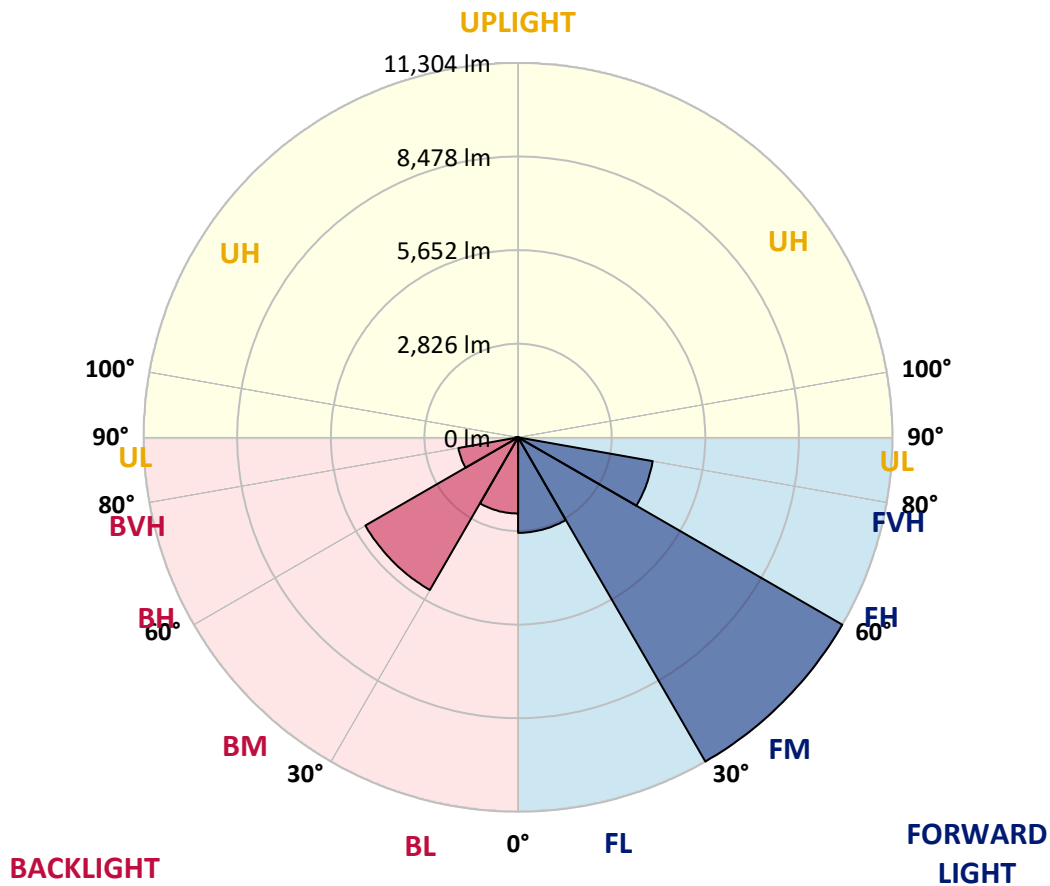
CATALOG NUMBER: GWS-SA6D-740-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2882.4	10.3			
FM (30°-60°)	11303.9	40.5			
FH (60°-80°)	4127.8	14.8			G2/5000
FVH (80°-90°)	30.2	0.1			G1/100
BL (0°-30°)	2299.4	8.2	B3/2500		
BM (30°-60°)	5323.2	19.1	B4/8500		
BH (60°-80°)	1829.9	6.6	B3/2500		G3/2500
BVH (80°-90°)	86.0	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7
2.5°	5949.8	5936.9	5924.1	5824.0	5798.3	5726.4	5675.0	5610.8	5518.4	5467.0	5423.4
5°	6322.1	6301.6	6232.3	6026.8	5893.3	5746.9	5626.2	5492.7	5351.5	5259.0	5187.1
7.5°	6673.9	6668.8	6550.7	6211.7	5996.0	5785.4	5621.1	5425.9	5223.1	5084.4	4992.0
10°	7000.0	6961.5	6820.3	6378.6	6096.2	5854.8	5677.6	5461.9	5225.6	5038.2	4914.9
12.5°	7287.7	7238.9	7043.7	6532.7	6183.5	5885.6	5693.0	5515.8	5359.2	5202.5	5061.3
15°	7523.9	7464.8	7267.1	6676.5	6260.5	5867.6	5598.0	5459.3	5513.2	5582.6	5425.9
17.5°	7744.7	7683.1	7441.7	6781.8	6283.6	5757.2	5364.3	5305.2	5577.4	5893.3	5821.4
20°	7929.6	7860.3	7580.4	6833.1	6242.5	5546.6	5061.3	5164.0	5523.5	5901.0	6016.6
22.5°	8129.9	8073.4	7737.0	6907.6	6191.2	5256.5	4807.1	5058.7	5431.1	5762.3	5936.9
25°	8450.9	8381.6	7981.0	7038.6	6165.5	4984.3	4624.8	4956.0	5302.7	5603.1	5739.2
27.5°	8915.7	8787.3	8314.8	7267.1	6193.7	4727.5	4509.2	4830.2	5153.7	5410.5	5520.9
30°	9421.6	9267.5	8684.6	7503.4	6234.8	4570.8	4447.6	4686.4	4925.2	5182.0	5302.7
32.5°	10019.9	9883.8	9080.0	7680.5	6147.5	4498.9	4401.4	4529.7	4719.8	4925.2	5025.3
35°	10733.8	10489.8	9511.4	7824.3	5865.0	4393.6	4360.3	4357.7	4457.8	4658.1	4771.1
37.5°	11501.5	11239.6	10043.0	7978.4	5425.9	4226.7	4262.7	4154.8	4247.3	4406.5	4534.9
40°	12130.7	11855.9	10579.7	8189.0	4876.4	3964.8	4047.0	3931.4	3987.9	4152.3	4296.1
42.5°	12747.0	12454.2	11080.4	8427.8	4344.9	3708.0	3749.1	3705.5	3723.4	3895.5	4095.8
45°	13555.9	13227.2	11696.7	8597.3	3867.2	3505.2	3466.6	3392.2	3487.2	3710.6	3923.7
47.5°	14906.6	14513.7	12705.9	8707.7	3520.6	3389.6	3212.4	3168.8	3286.9	3536.0	3756.8
50°	16485.8	16146.9	14318.5	8702.6	3261.2	3292.0	2965.9	2927.4	3122.5	3374.2	3607.9
52.5°	17780.0	17435.9	15697.5	8445.8	3048.1	3084.0	2822.1	2714.3	2981.3	3215.0	3448.7
55°	18825.2	18437.4	16331.7	7372.4	2778.4	2752.8	2665.5	2467.7	2804.1	3055.8	3274.1
57.5°	18262.8	17800.6	15563.9	5605.7	2501.1	2339.3	2395.8	2249.5	2562.7	2878.6	3089.2
60°	15312.3	14896.3	12644.3	2983.9	2200.7	1954.2	2072.3	2095.4	2298.3	2665.5	2881.2
62.5°	10518.0	10215.0	8569.0	1810.4	1735.9	1569.0	1753.9	1920.8	2072.3	2383.0	2570.5
65°	5146.0	5056.2	4285.8	1160.7	1214.6	1268.5	1453.4	1656.3	1879.7	2151.9	2349.6
67.5°	1417.5	1427.7	1299.3	906.5	957.8	1106.8	1253.1	1414.9	1638.3	1890.0	2090.3
70°	624.0	634.3	654.8	698.5	796.0	932.1	1083.6	1250.6	1456.0	1666.6	1859.1
72.5°	434.0	444.2	475.1	531.6	618.9	747.3	891.1	1050.3	1263.4	1440.6	1599.8
75°	267.1	274.8	303.0	351.8	410.9	508.4	649.7	796.0	983.5	1145.3	1286.5
77.5°	141.2	136.1	154.1	187.5	238.8	290.2	385.2	477.6	611.2	742.1	860.2
80°	77.0	74.5	84.7	102.7	118.1	159.2	223.4	285.0	362.1	436.5	500.7
82.5°	33.4	30.8	33.4	43.7	53.9	77.0	113.0	156.6	200.3	251.7	292.7
85°	0.0	0.0	0.0	2.6	12.8	20.5	38.5	56.5	82.2	113.0	138.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	23.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7
2.5°	5397.7	5333.5	5328.4	5277.0	5282.1	5284.7	5233.3	5212.8	5230.8	5251.3	5241.0
5°	5161.4	5094.7	5066.4	5017.6	5012.5	4989.4	4968.9	4943.2	4961.2	4979.1	4989.4
7.5°	4956.0	4912.4	4894.4	4881.5	4886.7	4876.4	4835.3	4812.2	4809.6	4817.3	4827.6
10°	4889.2	4853.3	4876.4	4912.4	4938.0	4956.0	4912.4	4873.8	4837.9	4822.5	4822.5
12.5°	5033.1	4986.8	5033.1	5071.6	5122.9	5135.8	5087.0	5045.9	5033.1	5048.5	5079.3
15°	5351.5	5243.6	5241.0	5264.2	5305.2	5325.8	5279.6	5259.0	5259.0	5356.6	5433.6
17.5°	5669.9	5492.7	5418.2	5405.4	5431.1	5438.8	5400.3	5382.3	5428.5	5618.5	5762.3
20°	5893.3	5677.6	5515.8	5485.0	5492.7	5495.3	5464.5	5451.6	5518.4	5749.5	5870.2
22.5°	5870.2	5711.0	5513.2	5474.7	5487.6	5482.4	5454.2	5449.0	5503.0	5703.3	5759.8
25°	5711.0	5587.7	5420.8	5395.1	5415.7	5413.1	5384.9	5372.0	5395.1	5528.7	5533.8
27.5°	5528.7	5420.8	5277.0	5269.3	5302.7	5320.7	5271.9	5233.3	5225.6	5315.5	5295.0
30°	5310.4	5230.8	5115.2	5120.4	5182.0	5192.3	5133.2	5076.7	5061.3	5110.1	5081.8
32.5°	5051.0	5025.3	4963.7	4976.6	5035.6	5056.2	4994.5	4935.5	4917.5	4932.9	4873.8
35°	4830.2	4819.9	4825.1	4848.2	4899.5	4914.9	4863.6	4817.3	4791.7	4737.7	4660.7
37.5°	4601.6	4629.9	4704.4	4748.0	4776.3	4771.1	4742.9	4709.5	4668.4	4568.3	4473.3
40°	4388.5	4460.4	4593.9	4642.7	4653.0	4655.6	4635.0	4606.8	4555.4	4421.9	4314.0
42.5°	4224.2	4303.8	4481.0	4555.4	4560.6	4565.7	4545.2	4522.0	4450.1	4273.0	4167.7
45°	4052.1	4157.4	4365.4	4455.3	4450.1	4447.6	4429.6	4419.3	4334.6	4129.2	4013.6
47.5°	3905.8	4029.0	4252.4	4329.5	4326.9	4324.3	4311.5	4311.5	4226.7	4003.3	3872.4
50°	3761.9	3903.2	4136.9	4201.1	4206.2	4201.1	4195.9	4203.6	4103.5	3864.7	3736.3
52.5°	3605.3	3764.5	4008.5	4067.5	4098.3	4111.2	4111.2	4093.2	3975.1	3726.0	3584.8
55°	3433.3	3584.8	3867.2	3946.8	3972.5	3995.6	3995.6	3959.7	3849.3	3597.6	3446.1
57.5°	3220.1	3353.7	3577.1	3656.7	3718.3	3733.7	3733.7	3674.6	3584.8	3343.4	3220.1
60°	2989.0	3104.6	3256.1	3340.8	3387.0	3356.2	3379.3	3363.9	3292.0	3068.6	2965.9
62.5°	2680.9	2799.0	2965.9	3053.2	3073.8	3042.9	3073.8	3071.2	2973.6	2773.3	2650.1
65°	2460.0	2575.6	2739.9	2852.9	2886.3	2878.6	2899.1	2868.3	2747.6	2557.6	2439.5
67.5°	2198.1	2321.4	2511.4	2637.2	2706.5	2714.3	2742.5	2678.3	2555.0	2347.0	2198.1
70°	1949.0	2054.3	2200.7	2318.8	2416.4	2465.2	2470.3	2377.9	2223.8	2051.7	1943.9
72.5°	1687.1	1795.0	1972.1	2100.5	2223.8	2280.3	2280.3	2167.3	2000.4	1810.4	1694.8
75°	1368.7	1468.8	1630.6	1769.3	1910.5	1982.4	1979.8	1882.3	1697.4	1517.6	1396.9
77.5°	927.0	1001.5	1104.2	1209.5	1230.0	1286.5	1314.8	1191.5	1088.8	991.2	883.4
80°	539.3	585.5	642.0	701.0	713.9	731.8	685.6	639.4	585.5	521.3	472.5
82.5°	315.8	346.7	374.9	421.1	428.8	434.0	392.9	372.3	328.7	290.2	259.4
85°	154.1	164.3	190.0	213.1	202.9	197.7	179.8	159.2	141.2	125.8	110.4
87.5°	30.8	30.8	46.2	43.7	36.0	30.8	18.0	23.1	5.1	5.1	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



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7
2.5°	5274.4	5318.1	5372.0	5443.9	5526.1	5613.4	5698.1	5762.3	5826.5	5921.5	5906.1
5°	5004.8	5079.3	5164.0	5274.4	5408.0	5559.5	5728.9	5898.4	6080.7	6234.8	6301.6
7.5°	4848.2	4930.3	5030.5	5174.3	5346.3	5531.2	5770.0	6044.8	6340.1	6543.0	6668.8
10°	4848.2	4953.4	5084.4	5223.1	5374.6	5564.6	5859.9	6204.0	6584.1	6851.1	6997.5
12.5°	5128.1	5233.3	5261.6	5256.5	5341.2	5551.8	5931.8	6370.9	6825.4	7107.9	7287.7
15°	5564.6	5600.6	5387.4	5192.3	5205.1	5459.3	5965.2	6504.4	7033.4	7372.4	7567.6
17.5°	5857.3	5762.3	5382.3	5040.8	4968.9	5302.7	5965.2	6632.8	7254.3	7636.9	7819.2
20°	5880.5	5644.2	5251.3	4894.4	4709.5	5094.7	5924.1	6730.4	7467.4	7891.1	8086.3
22.5°	5677.6	5443.9	5112.7	4768.6	4496.4	4843.0	5857.3	6804.9	7649.7	8129.9	8371.3
25°	5446.5	5251.3	4971.4	4640.2	4350.0	4588.8	5795.7	6930.7	7903.9	8453.5	8697.4
27.5°	5220.5	5056.2	4801.9	4532.3	4267.8	4368.0	5757.2	7115.6	8207.0	8913.1	9123.7
30°	4999.7	4850.7	4619.6	4429.6	4224.2	4224.2	5723.8	7328.7	8607.5	9429.3	9639.8
32.5°	4776.3	4635.0	4447.6	4329.5	4198.5	4167.7	5631.4	7529.0	9021.0	9994.2	10209.9
35°	4568.3	4427.0	4283.2	4234.4	4185.6	4124.0	5402.8	7685.7	9424.1	10654.1	10839.0
37.5°	4373.1	4237.0	4129.2	4116.3	4121.5	4005.9	5043.3	7816.6	9927.4	11329.5	11427.1
40°	4203.6	4052.1	3967.4	3964.8	3990.5	3815.9	4588.8	8004.1	10502.6	11902.1	11861.1
42.5°	4052.1	3892.9	3790.2	3813.3	3797.9	3625.9	4144.6	8176.1	11003.4	12438.8	12356.7
45°	3903.2	3749.1	3605.3	3638.7	3620.7	3507.7	3767.1	8302.0	11558.0	13083.4	13093.6
47.5°	3759.4	3607.9	3464.1	3423.0	3420.4	3471.8	3476.9	8343.1	12461.9	14120.8	13887.1
50°	3625.9	3474.3	3325.4	3186.7	3240.7	3399.9	3261.2	8312.2	13815.2	15266.1	14613.8
52.5°	3487.2	3343.4	3179.0	2930.0	3071.2	3227.8	3068.6	8201.8	14642.1	16277.8	15887.5
55°	3328.0	3191.9	2968.5	2665.5	2837.5	2870.9	2870.9	7133.6	14993.9	17279.3	17520.7
57.5°	3114.8	2935.1	2580.7	2336.8	2490.8	2362.5	2660.3	4992.0	14413.5	16963.4	17900.7
60°	2873.5	2680.9	2306.0	2131.3	2177.6	1951.6	2267.4	3130.2	11945.8	14434.1	16057.0
62.5°	2555.0	2377.9	2067.1	1931.0	1836.0	1592.1	1825.8	1979.8	8189.0	10718.3	11825.1
65°	2341.9	2146.8	1869.4	1689.7	1494.5	1281.4	1212.0	1299.3	4403.9	5998.6	6745.8
67.5°	2090.3	1897.7	1635.7	1409.8	1253.1	1099.1	978.4	947.5	1509.9	1997.8	2162.2
70°	1851.4	1666.6	1448.3	1237.7	1081.1	929.6	811.5	726.7	698.5	693.3	683.1
72.5°	1607.5	1435.4	1253.1	1058.0	885.9	747.3	642.0	544.4	503.3	490.5	477.6
75°	1317.3	1181.2	998.9	788.3	649.7	521.3	439.1	374.9	339.0	326.1	310.7
77.5°	847.4	785.8	626.6	508.4	392.9	310.7	267.1	226.0	202.9	197.7	184.9
80°	451.9	421.1	346.7	292.7	233.7	190.0	166.9	143.8	131.0	125.8	120.7
82.5°	251.7	228.5	192.6	169.5	136.1	115.6	102.7	92.4	84.7	82.2	79.6
85°	113.0	97.6	77.0	71.9	64.2	59.1	56.5	51.4	48.8	46.2	43.7
87.5°	5.1	10.3	12.8	10.3	10.3	15.4	18.0	18.0	15.4	15.4	12.8
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7	5623.7
2.5°	6001.1	6078.2	6085.9	6111.6	6078.2	6070.5	6016.6	5985.7	5957.5	5949.8
5°	6468.5	6622.6	6684.2	6727.9	6686.8	6666.2	6548.1	6424.8	6355.5	6322.1
7.5°	6948.7	7179.8	7300.5	7354.4	7359.6	7267.1	7064.2	6833.1	6717.6	6673.9
10°	7377.5	7662.6	7821.8	7924.5	7888.5	7775.6	7498.2	7184.9	7038.6	7000.0
12.5°	7695.9	7968.1	8091.4	8158.2	8155.6	8094.0	7832.0	7493.1	7326.2	7287.7
15°	7901.4	8063.2	8070.9	8086.3	8129.9	8212.1	8076.0	7762.7	7577.8	7523.9
17.5°	8063.2	7999.0	7878.3	7837.2	7934.8	8163.3	8245.5	7991.3	7791.0	7744.7
20°	8165.9	7842.3	7629.2	7549.6	7662.6	8034.9	8348.2	8196.7	7988.7	7929.6
22.5°	8245.5	7695.9	7351.8	7297.9	7416.0	7896.2	8453.5	8440.6	8212.1	8129.9
25°	8371.3	7598.4	7156.7	7118.2	7228.6	7829.5	8594.7	8771.9	8569.0	8450.9
27.5°	8569.0	7588.1	7056.5	7043.7	7195.2	7888.5	8797.6	9257.2	9003.0	8915.7
30°	8843.8	7685.7	7079.7	7105.3	7290.2	8101.7	9113.4	9811.9	9557.7	9421.6
32.5°	9239.2	7947.6	7431.5	7541.9	7678.0	8443.2	9575.6	10412.8	10220.2	10019.9
35°	9760.5	8666.6	8471.4	8941.4	8813.0	9190.5	10132.9	11142.0	10908.4	10733.8
37.5°	10456.4	10140.6	10320.3	10967.4	10656.7	10602.8	10813.4	11804.6	11676.2	11501.5
40°	11432.2	11496.4	11827.7	12677.6	12228.3	11881.6	11647.9	12302.7	12346.4	12130.7
42.5°	12079.3	12374.6	13173.2	14138.8	13519.9	12690.5	12346.4	12939.6	12942.1	12747.0
45°	12320.7	13093.6	14762.8	15874.7	14839.8	13152.7	12731.6	13804.9	13779.3	13555.9
47.5°	12233.4	13699.7	16413.9	18113.8	16534.6	13481.4	12677.6	15037.5	15245.5	14906.6
50°	12051.1	14308.2	18342.4	20856.3	18614.6	13830.6	12595.5	16403.6	16747.7	16485.8
52.5°	12236.0	14986.2	20622.7	23691.3	21223.6	14387.9	13150.1	18157.5	18095.9	17780.0
55°	12821.4	15787.3	23393.4	27252.9	24089.3	15330.3	14575.3	19829.2	19202.6	18825.2
57.5°	12793.2	16360.0	25822.6	30069.9	26582.7	16103.2	15070.9	20006.4	18740.4	18262.8
60°	11612.0	16098.1	26747.1	31852.0	27335.1	15676.9	13440.3	17869.9	15813.0	15312.3
62.5°	8666.6	14285.1	24954.7	29620.5	25206.3	13540.4	10107.2	12826.6	11362.9	10518.0
65°	5544.1	11175.4	20979.6	23996.9	20776.7	10356.3	6019.1	6876.8	5387.4	5146.0
67.5°	2359.9	7888.5	16308.6	16039.0	15543.4	6709.9	2323.9	1936.2	1443.2	1417.5
70°	780.6	5366.9	10053.3	10697.8	9282.9	4622.2	767.8	649.7	647.1	624.0
72.5°	511.0	2881.2	5659.6	6301.6	5972.9	2660.3	464.8	434.0	444.2	434.0
75°	305.6	626.6	952.7	1237.7	952.7	446.8	279.9	274.8	279.9	267.1
77.5°	179.8	174.6	169.5	169.5	166.9	154.1	141.2	136.1	138.7	141.2
80°	115.6	110.4	105.3	102.7	89.9	84.7	79.6	74.5	74.5	77.0
82.5°	74.5	69.3	64.2	56.5	46.2	38.5	36.0	30.8	30.8	33.4
85°	38.5	30.8	23.1	18.0	10.3	5.1	0.0	0.0	0.0	0.0
87.5°	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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