

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: STREETWORKS

Report Number: P653110

Luminaire Tested: **GLAN-SA9C-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P653110
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9C-840-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39919.8 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

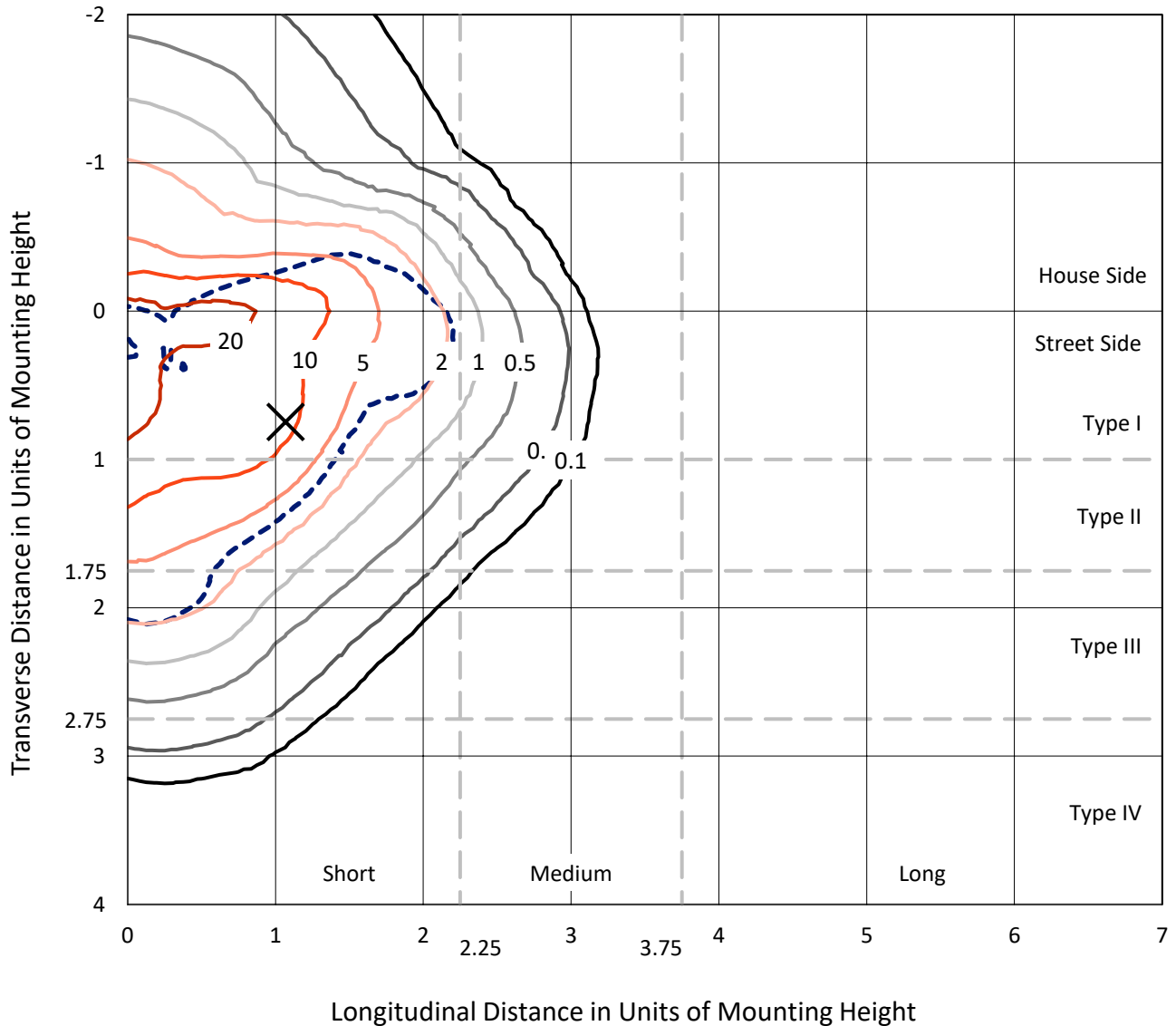
Input Watts (W): 481
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

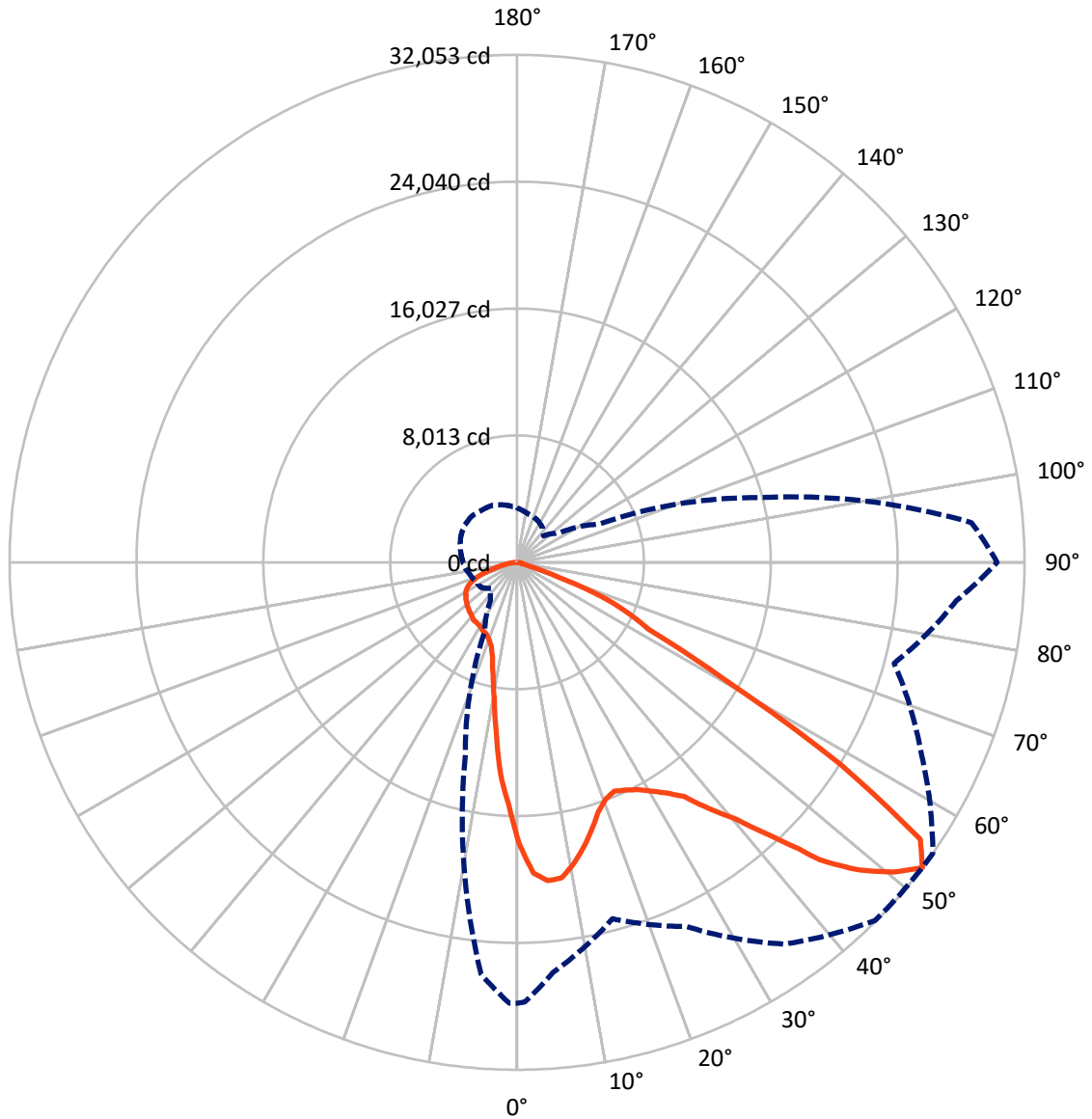
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12177.7	0.0	12177.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	27742.1	0.0	27742.1
	% Fixture	69.5	0.0	69.5
Total	Lumens	39919.8	0.0	39919.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1360.5	3.4
10°-20°	2933.3	7.3
20°-30°	4447.8	11.1
30°-40°	6426.4	16.1
40°-50°	8587.5	21.5
50°-60°	9585.5	24.0
60°-70°	5258.1	13.2
70°-80°	1136.8	2.8
80°-90°	183.9	0.5
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°	39919.8	100.0
0°-180°	39919.8	100.0

Coefficient of Utilization

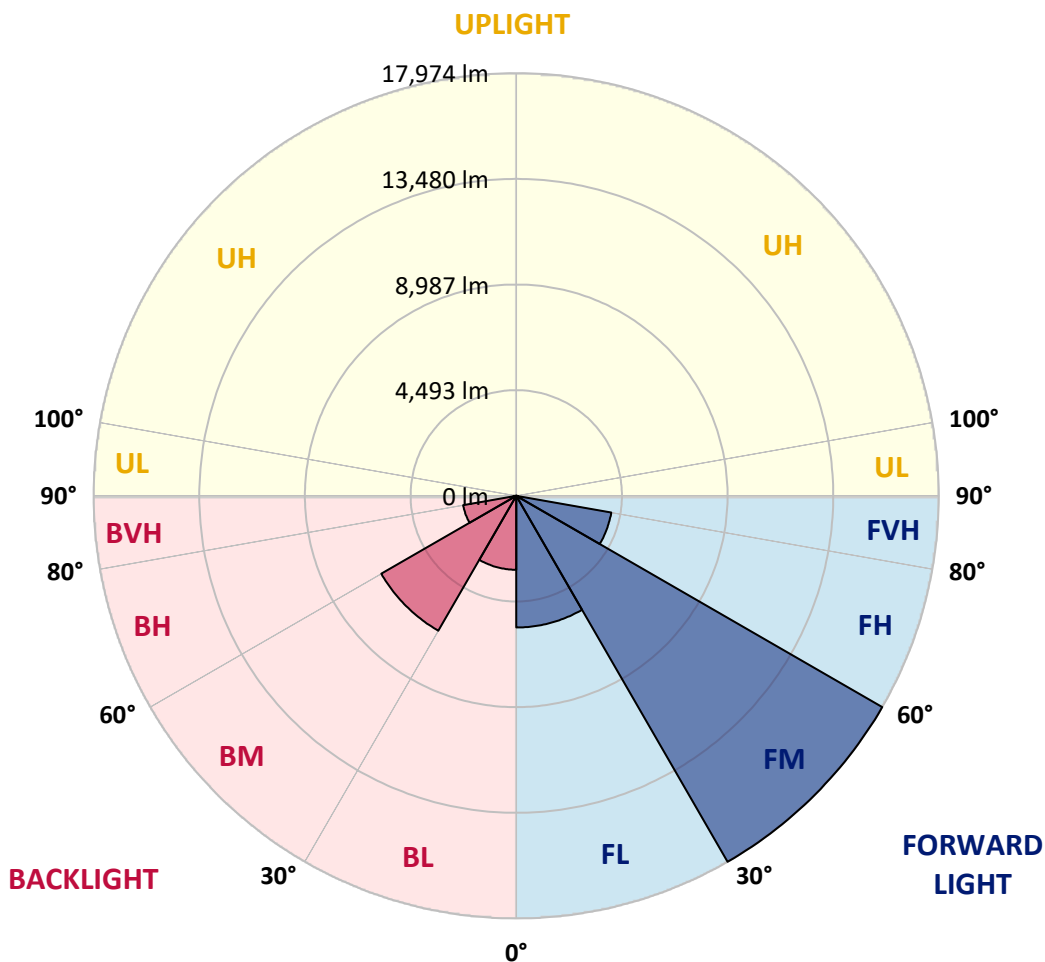


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5597.5	14.0			
FM	(30°-60°)	17973.7	45.0			
FH	(60°-80°)	4102.8	10.3			G2/5000
FVH	(80°-90°)	68.1	0.2			G1/100
BL	(0°-30°)	3144.1	7.9	B4/5000		
BM	(30°-60°)	6625.7	16.6	B4/8500		
BH	(60°-80°)	2292.1	5.7	B3/2500		G3/2500
BVH	(80°-90°)	115.8	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3
 Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3
2.5°	18687.4	18582.6	18675.8	19118.8	19375.3	19550.1	19660.9	19643.4	19223.7	18815.7	18815.7
5°	18139.5	18005.5	18197.8	19200.4	20208.8	20296.3	20441.9	20203.0	19585.1	18839.0	17906.4
7.5°	16554.1	16653.1	16973.7	18291.1	19602.6	20261.3	20436.1	20133.0	19130.5	17737.4	16367.5
10°	15184.3	15417.5	16157.7	17579.9	18786.5	19643.4	19835.7	19410.3	18617.6	16909.7	15685.6
12.5°	14712.1	14566.5	15388.3	16810.6	17964.7	18425.1	18512.6	18541.7	18005.5	16490.0	14997.8
15°	14653.8	14747.1	15388.3	16466.6	17177.8	17201.1	17346.8	17574.1	17644.1	16775.6	15318.4
17.5°	15493.2	15382.5	16041.1	16898.0	16559.9	16221.8	16256.8	16583.3	17160.3	17020.4	16326.8
20°	16734.8	16985.4	17504.2	17416.8	16507.5	15650.6	15656.4	15965.4	17102.0	18034.7	17731.6
22.5°	18798.2	19043.0	19427.7	18372.7	16507.5	15481.5	15283.4	15703.1	17475.1	19241.2	19317.0
25°	20680.9	21129.8	21234.7	19993.1	17335.1	15639.0	15510.7	15924.6	17848.1	20418.6	21135.6
27.5°	22394.7	22557.9	23018.3	21036.5	17795.6	15743.9	15732.2	16262.7	18320.3	21007.3	22761.8
30°	23747.0	23729.5	23991.8	21695.2	18530.1	16332.6	15767.2	16769.8	18938.1	21980.8	24265.7
32.5°	24667.9	24866.1	25419.8	22610.3	18839.0	16892.2	16449.1	17364.3	19690.0	22441.2	25326.5
35°	26288.3	26632.3	25932.8	23117.4	19818.2	17445.9	16927.1	18174.5	20063.1	22942.6	26626.4
37.5°	27815.5	27553.2	26842.1	23391.4	20453.6	18471.8	17988.0	19742.5	21223.1	24032.6	27489.1
40°	28794.7	28788.9	27524.1	23612.8	20902.5	20039.8	20010.6	21333.8	22645.3	24720.4	28456.7
42.5°	29220.3	29628.3	27803.9	23589.5	21846.7	21940.0	22528.7	23712.0	23653.7	24860.3	28433.4
44°	29803.2	30048.0	28287.6	23642.0	22476.2	23222.4	24609.6	25361.5	24533.8	24784.5	28404.3
45°	29779.9	29797.4	27599.9	23712.0	23012.5	24294.9	25536.5	26807.1	25309.1	24621.3	28788.9
47.5°	29097.8	28899.7	27017.0	23193.2	24685.4	27127.7	28276.0	29045.4	26265.0	24271.5	28311.0
50°	27751.4	27524.1	25600.5	22971.7	25035.1	28888.0	30473.5	30753.3	27133.5	23927.6	27838.9
52.5°	27844.7	27780.6	26002.7	23303.9	25384.8	29441.8	31983.1	32053.1	28118.6	24650.5	27844.7
55°	29511.7	29290.3	27156.8	23717.8	25128.4	28794.7	31021.4	30899.0	27786.4	24213.2	28357.6
57.5°	27005.3	27151.0	25559.8	22079.9	21992.5	23408.9	24388.2	24085.1	23187.4	21852.5	26381.6
60°	21788.5	22202.3	22353.9	18465.9	16594.9	15866.3	15574.8	15038.6	15190.1	17953.0	23175.7
62.5°	18687.4	18664.1	19614.2	16740.6	10870.9	9349.6	9209.7	9332.1	11080.8	17673.2	22697.7
65°	14817.1	15213.4	15504.8	14187.6	8603.4	6942.2	6936.4	7711.6	9588.6	14770.4	18326.1
67.5°	9407.8	9926.7	10288.0	9075.6	5753.1	4942.9	4808.8	5741.5	6644.9	9687.6	11034.1
70°	5304.3	5549.1	5712.3	5234.4	3660.5	2564.7	2413.2	2634.7	4016.1	6271.9	6540.0
72.5°	2046.0	2156.7	2378.2	2395.7	1381.4	827.7	670.4	804.4	1690.4	2483.1	2366.6
75°	314.8	338.1	477.9	571.2	396.4	303.1	320.6	332.3	472.1	641.2	536.2
77.5°	151.5	151.5	145.7	169.0	198.2	215.6	233.1	256.5	279.8	308.9	297.3
80°	99.1	99.1	99.1	116.6	145.7	174.8	198.2	209.8	221.5	244.8	233.1
82.5°	64.1	64.1	64.1	87.5	116.6	145.7	157.4	186.5	209.8	244.8	227.3
85°	35.0	35.0	35.0	58.3	87.5	122.4	116.6	93.3	52.5	5.8	11.7
87.5°	11.7	11.7	11.7	11.7	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	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3
2.5°	18326.1	18058.0	18034.7	17486.7	16997.1	16758.1	16565.8	16029.5	16146.0	15837.1	15831.3
5°	17440.1	16892.2	16006.2	15277.5	14549.0	14403.2	13767.8	13214.1	13231.6	12835.3	12905.2
7.5°	15848.8	15469.9	14391.5	13249.1	12281.5	11593.7	10993.3	10631.9	10171.5	10014.0	9932.5
10°	14840.4	14374.0	13161.6	11727.7	10643.6	10276.3	9699.3	9378.7	8906.5	8673.4	8510.2
12.5°	14397.4	13715.4	12199.9	10742.7	10019.8	9641.0	9151.3	8568.4	8008.9	7793.2	7496.0
15°	14444.0	13628.0	11920.1	10346.3	9477.8	8743.4	8306.2	7659.2	7087.9	6709.1	6493.4
17.5°	15149.4	14158.4	12048.3	10043.2	8795.9	7874.9	7018.0	6318.5	5863.9	5578.3	5508.3
20°	16816.4	15469.9	12264.1	9553.6	8113.8	6965.5	5910.5	5181.9	4832.1	4826.3	4832.1
22.5°	18203.7	16868.9	12701.2	9262.1	7431.8	5799.8	4750.6	4517.4	4447.5	4593.2	4610.7
25°	20074.8	18442.6	13453.1	9110.6	6802.3	4942.9	4295.9	4208.4	4202.6	4389.2	4395.0
27.5°	21992.5	19818.2	13901.9	8667.6	6161.2	4499.9	4021.9	4004.4	4097.7	4295.9	4278.4
30°	23298.1	20972.4	14712.1	8137.2	5403.4	4109.4	3911.2	3934.5	4062.7	4214.3	4237.6
32.5°	24819.4	22109.0	14921.9	7845.7	4937.1	3783.0	3643.0	3695.5	3858.8	4097.7	4225.9
35°	26562.3	22913.4	15242.5	7449.3	4762.2	3532.3	3462.4	3520.7	3718.8	3876.3	4016.1
37.5°	27850.5	24335.7	15300.9	7140.4	4569.8	3392.4	3281.7	3474.0	3590.6	3812.1	3882.1
40°	28806.4	25367.4	15452.4	6948.1	4418.3	3211.7	3211.7	3339.9	3497.4	3701.3	3841.3
42.5°	29418.4	26119.3	15563.2	6773.2	4126.9	3159.3	3130.1	3258.4	3468.2	3666.3	3730.5
44°	29791.5	26439.9	15452.4	6610.0	4045.3	3095.1	3095.1	3205.9	3369.1	3602.3	3678.0
45°	29884.8	26842.1	15207.6	6604.1	3946.1	3019.4	3007.8	3217.6	3328.3	3613.9	3660.5
47.5°	30246.1	27337.5	15236.7	6417.6	3707.2	2838.7	3042.7	3135.9	3235.1	3485.7	3643.0
50°	30234.5	27646.4	15172.6	6143.7	3532.3	2634.7	2972.8	3077.6	3176.8	3433.2	3497.4
52.5°	30316.1	28800.6	15761.3	5706.5	3217.6	2372.4	2739.6	2972.8	3095.1	3310.8	3444.9
55°	30275.3	29459.3	16344.2	5380.0	2774.5	2214.9	2541.4	2815.3	2990.3	3217.6	3281.7
57.5°	27652.3	26037.7	15126.0	4768.0	2296.6	2028.5	2261.6	2652.2	2873.6	3106.8	3188.4
60°	22592.8	20068.9	12473.9	3509.0	1888.5	1865.3	2104.3	2599.7	2693.0	2897.0	3036.9
62.5°	20879.1	17603.3	9891.7	2681.3	1614.6	1707.9	1941.0	2349.1	2494.7	2745.4	2873.6
65°	16338.4	11692.8	6126.2	1812.8	1422.2	1533.0	1754.5	2057.6	2296.6	2529.7	2681.3
67.5°	9676.0	6388.5	3031.0	1270.7	1241.6	1358.1	1585.5	1812.8	2086.8	2343.2	2419.0
70°	5269.3	3141.8	1294.0	967.6	1055.0	1160.0	1381.4	1538.9	1801.2	1999.3	2127.6
72.5°	1690.4	956.0	647.0	717.0	804.4	926.8	1060.8	1253.2	1439.7	1556.4	1661.2
75°	408.1	402.2	460.4	501.3	582.9	676.2	786.9	886.0	1031.7	1142.5	1235.8
77.5°	285.6	308.9	355.6	413.9	443.0	477.9	547.9	623.7	687.8	769.4	827.7
80°	221.5	239.0	274.0	303.1	332.3	361.4	396.4	425.5	466.3	518.8	547.9
82.5°	209.8	221.5	256.5	274.0	262.3	256.5	279.8	291.4	297.3	314.8	332.3
85°	17.5	0.0	11.7	40.8	99.1	145.7	157.4	157.4	151.5	163.2	163.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	23.3	17.5
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°	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3
2.5°	15761.3	15563.2	15639.0	15732.2	15598.1	15289.2	15370.8	15335.8	15650.6	15627.3	15942.1
5°	13214.1	12905.2	12940.1	13394.8	13249.1	13406.5	13091.7	13050.9	13109.2	13138.4	13190.8
7.5°	10113.1	10072.3	10422.1	10806.8	10987.5	10801.0	10492.1	10422.1	10357.9	10229.8	10521.2
10°	8253.7	8265.3	8242.1	8533.5	8737.5	8696.7	8510.2	8486.9	8364.5	8317.8	8481.1
12.5°	7367.7	7210.3	7134.5	7041.3	7198.7	7303.6	7222.0	7163.7	7169.5	7227.8	7251.2
15°	6510.9	6411.8	6248.5	6143.7	6219.4	6167.0	6137.9	6254.4	6225.3	6213.6	6353.5
17.5°	5549.1	5630.7	5619.1	5502.5	5601.6	5560.8	5555.0	5473.3	5362.6	5281.0	5327.7
20°	4913.8	5065.3	5181.9	5187.7	5240.2	5234.4	5146.9	4896.3	4814.6	4797.1	4808.8
22.5°	4686.5	4768.0	4907.9	5106.1	5106.1	5012.9	4907.9	4616.5	4540.7	4459.2	4424.2
25°	4505.7	4663.1	4843.8	4867.1	4960.4	4872.9	4704.0	4558.2	4400.8	4290.1	4290.1
27.5°	4412.5	4587.3	4721.4	4762.2	4890.4	4820.5	4645.6	4459.2	4272.6	4266.7	4167.7
30°	4371.7	4534.9	4622.3	4721.4	4779.7	4669.0	4616.5	4418.3	4231.7	4185.2	4021.9
32.5°	4249.2	4482.4	4645.6	4622.3	4669.0	4622.3	4546.5	4383.4	4173.5	4068.6	4051.1
35°	4109.4	4342.5	4517.4	4639.8	4669.0	4569.8	4523.2	4301.7	4016.1	3963.6	3783.0
37.5°	4033.6	4173.5	4389.2	4587.3	4628.1	4575.7	4418.3	4191.0	3905.4	3847.1	3689.7
40°	3940.3	4121.1	4290.1	4453.3	4575.7	4447.5	4266.7	4045.3	3917.0	3742.1	3695.5
42.5°	3870.4	4074.4	4214.3	4395.0	4534.9	4365.9	4156.0	4004.4	3823.8	3707.2	3573.2
44°	3847.1	4033.6	4126.9	4348.4	4465.0	4336.7	4161.9	4004.4	3794.6	3689.7	3573.2
45°	3765.5	4021.9	4121.1	4319.2	4418.3	4313.4	4091.9	3934.5	3783.0	3654.7	3532.3
47.5°	3683.8	3858.8	4027.8	4185.2	4255.1	4220.1	4033.6	3841.3	3660.5	3584.8	3468.2
50°	3660.5	3835.4	3992.8	4138.6	4220.1	4150.2	3981.1	3794.6	3584.8	3462.4	3363.2
52.5°	3544.0	3759.6	3934.5	3981.1	4086.1	4045.3	3917.0	3713.0	3514.8	3409.9	3328.3
55°	3374.9	3602.3	3841.3	3899.5	4051.1	3986.9	3794.6	3602.3	3433.2	3275.9	3170.9
57.5°	3310.8	3532.3	3765.5	3841.3	3934.5	3829.6	3783.0	3579.0	3310.8	3229.2	3066.0
60°	3147.6	3427.4	3619.7	3794.6	3800.5	3771.3	3689.7	3456.5	3235.1	3083.5	2966.9
62.5°	3019.4	3281.7	3433.2	3596.5	3695.5	3613.9	3532.3	3316.7	3077.6	2908.6	2774.5
65°	2832.8	3071.8	3200.1	3299.2	3409.9	3398.2	3258.4	3100.9	2850.3	2716.3	2588.0
67.5°	2547.2	2757.1	2932.0	3025.2	3095.1	3077.6	2972.8	2862.0	2605.5	2471.4	2378.2
70°	2203.3	2419.0	2529.7	2582.2	2652.2	2687.2	2605.5	2553.0	2325.7	2150.9	2063.4
72.5°	1772.0	1911.8	2075.1	2121.8	2150.9	2174.2	2174.2	2127.6	1894.4	1824.5	1672.9
75°	1305.7	1416.4	1538.9	1538.9	1591.3	1597.1	1608.7	1579.7	1404.8	1311.5	1276.6
77.5°	886.0	967.6	1066.7	1107.5	1142.5	1136.6	1130.8	1049.2	956.0	915.2	880.2
80°	577.1	658.7	705.3	757.7	792.7	786.9	798.5	740.2	699.5	629.5	641.2
82.5°	343.9	408.1	454.6	518.8	518.8	536.2	536.2	518.8	477.9	443.0	443.0
85°	163.2	215.6	244.8	285.6	308.9	314.8	279.8	239.0	198.2	180.7	198.2
87.5°	29.2	40.8	58.3	52.5	64.1	58.3	58.3	58.3	58.3	46.6	52.5
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°	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3	17807.3
2.5°	15825.4	16116.9	16321.0	16659.0	17241.9	17708.2	18186.2	18541.7	18582.6	18687.4
5°	13383.2	13540.5	14059.3	14735.5	15213.4	16000.4	16507.5	17428.4	17772.3	18139.5
7.5°	10451.2	10707.7	11401.4	11856.0	12905.2	13890.3	14910.3	16047.0	16501.6	16554.1
10°	8813.3	9186.3	9658.5	10387.1	10958.3	12054.1	13324.9	14589.8	15096.9	15184.3
12.5°	7740.8	8218.8	8848.2	9372.9	9920.8	10876.7	12095.0	13657.1	14315.8	14712.1
15°	6709.1	7204.5	7898.2	8626.8	9110.6	10253.1	11687.0	13447.3	14304.1	14653.8
17.5°	5648.2	6108.7	6679.9	7466.8	8440.3	9722.6	11622.9	14146.7	15085.2	15493.2
20°	4738.9	4995.4	5659.8	6470.1	7688.3	9180.5	11646.2	15178.5	16554.1	16734.8
22.5°	4383.4	4441.7	4704.0	5450.0	6784.9	8626.8	12060.0	16641.5	18203.7	18798.2
25°	4109.4	4097.7	4167.7	4669.0	6126.2	8411.1	12468.0	17988.0	20034.0	20680.9
27.5°	3957.8	3841.3	3847.1	4319.2	5659.8	8061.4	12992.6	19532.6	22109.0	22394.7
30°	3882.1	3858.8	3788.8	3981.1	5152.7	7536.8	13080.1	21054.0	23333.1	23747.0
32.5°	3835.4	3608.1	3520.7	3590.6	4674.8	6965.5	13406.5	22056.6	24848.6	24667.9
35°	3602.3	3398.2	3339.9	3409.9	4336.7	6644.9	13190.8	22930.9	25985.2	26288.3
37.5°	3514.8	3334.1	3217.6	3159.3	4021.9	6376.8	13080.1	24277.4	27086.9	27815.5
40°	3433.2	3240.9	3100.9	3042.7	3777.1	6021.2	13045.1	25314.9	28357.6	28794.7
42.5°	3339.9	3217.6	3060.1	2955.3	3479.9	5665.7	12642.9	25635.5	28748.2	29220.3
44°	3310.8	3124.3	2961.1	2926.1	3363.2	5485.0	12561.3	25926.9	29086.2	29803.2
45°	3281.7	3106.8	2920.3	2873.6	3322.5	5385.9	12450.5	25996.9	29645.8	29779.9
47.5°	3200.1	3089.3	2908.6	2780.3	3235.1	5170.2	12118.3	25600.5	29074.5	29097.8
50°	3135.9	3007.8	2821.2	2570.5	3118.4	4989.6	12269.9	25454.8	27698.9	27751.4
52.5°	3066.0	2873.6	2768.7	2337.4	2926.1	4838.0	12590.4	26113.5	27856.4	27844.7
55°	2984.4	2774.5	2518.1	2139.2	2605.5	4645.6	13365.7	27413.3	29313.6	29511.7
57.5°	2856.1	2675.5	2308.2	1964.3	2238.3	4278.4	13115.1	24924.4	26970.4	27005.3
60°	2687.2	2518.1	2092.6	1830.3	1836.1	3374.9	11727.7	19421.9	21281.3	21788.5
62.5°	2523.9	2430.7	1911.8	1637.9	1562.2	2687.2	9915.0	16140.2	18267.8	18687.4
65°	2331.6	2104.3	1754.5	1492.2	1340.6	1882.7	7023.9	12060.0	14251.7	14817.1
67.5°	2086.8	1842.0	1544.7	1311.5	1148.3	1259.1	3625.6	6854.8	9075.6	9407.8
70°	1824.5	1597.1	1299.8	1107.5	926.8	868.5	1597.1	3270.0	4960.4	5304.3
72.5°	1498.0	1288.2	1037.5	874.3	693.7	600.4	536.2	874.3	1760.3	2046.0
75°	1084.2	938.5	781.0	623.7	489.6	384.7	314.8	262.3	291.4	314.8
77.5°	798.5	682.0	577.1	443.0	343.9	274.0	215.6	163.2	157.4	151.5
80°	623.7	553.7	460.4	355.6	268.1	204.0	151.5	110.8	99.1	99.1
82.5°	489.6	454.6	378.9	291.4	221.5	163.2	110.8	75.8	64.1	64.1
85°	186.5	186.5	274.0	239.0	169.0	116.6	75.8	40.8	35.0	35.0
87.5°	46.6	46.6	46.6	46.6	40.8	35.0	35.0	17.5	11.7	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)