

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: P532916

Luminaire Tested: **GLAN-SA8B-740-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532916
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-SA8B-740-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 4000K, 800mA 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: 34221 lumens
Efficiency: N/A
Efficacy: 105.3 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): 325
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

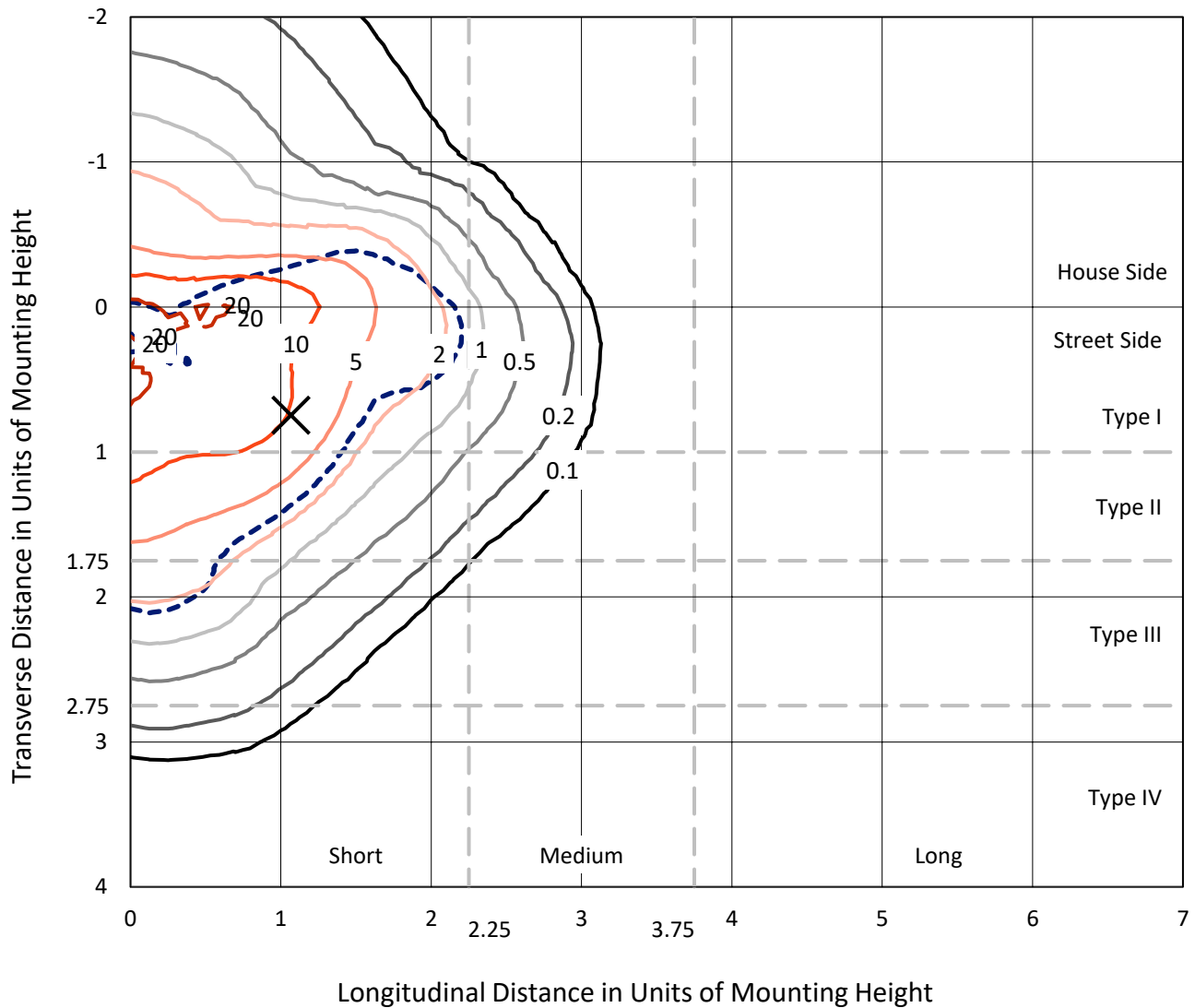


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

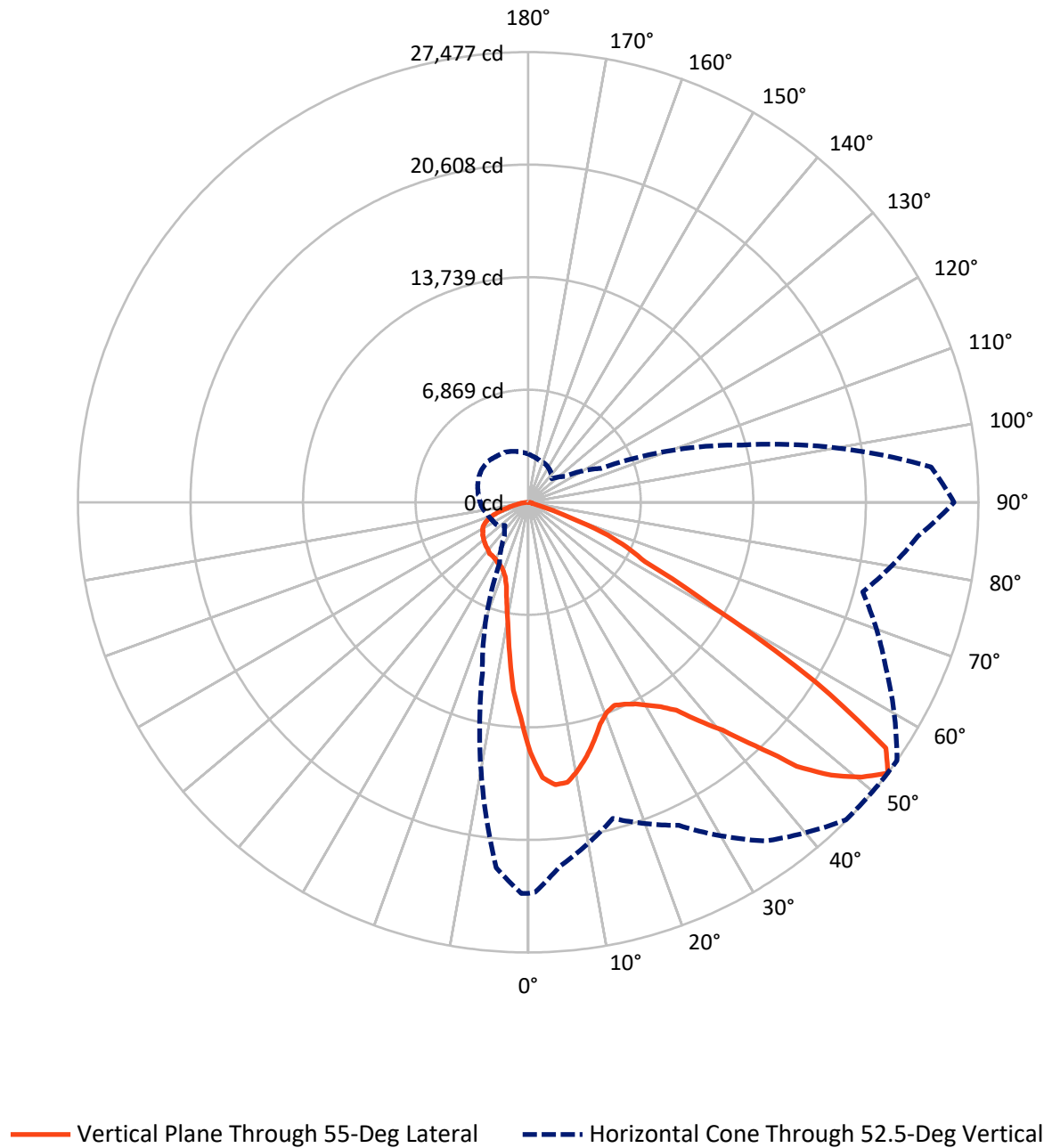


Based on 25 foot mounting height. Maximum calculated value = 26 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10439.3	0.0	10439.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	23781.7	0.0	23781.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	34221.0	0.0	34221.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1166.2	3.4
10°-20°	2514.5	7.3
20°-30°	3812.9	11.1
30°-40°	5509.0	16.1
40°-50°	7361.6	21.5
50°-60°	8217.1	24.0
60°-70°	4507.5	13.2
70°-80°	974.5	2.8
80°-90°	157.7	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°	34221.0	100.0
0°-180°	34221.0	100.0

Coefficient of Utilization



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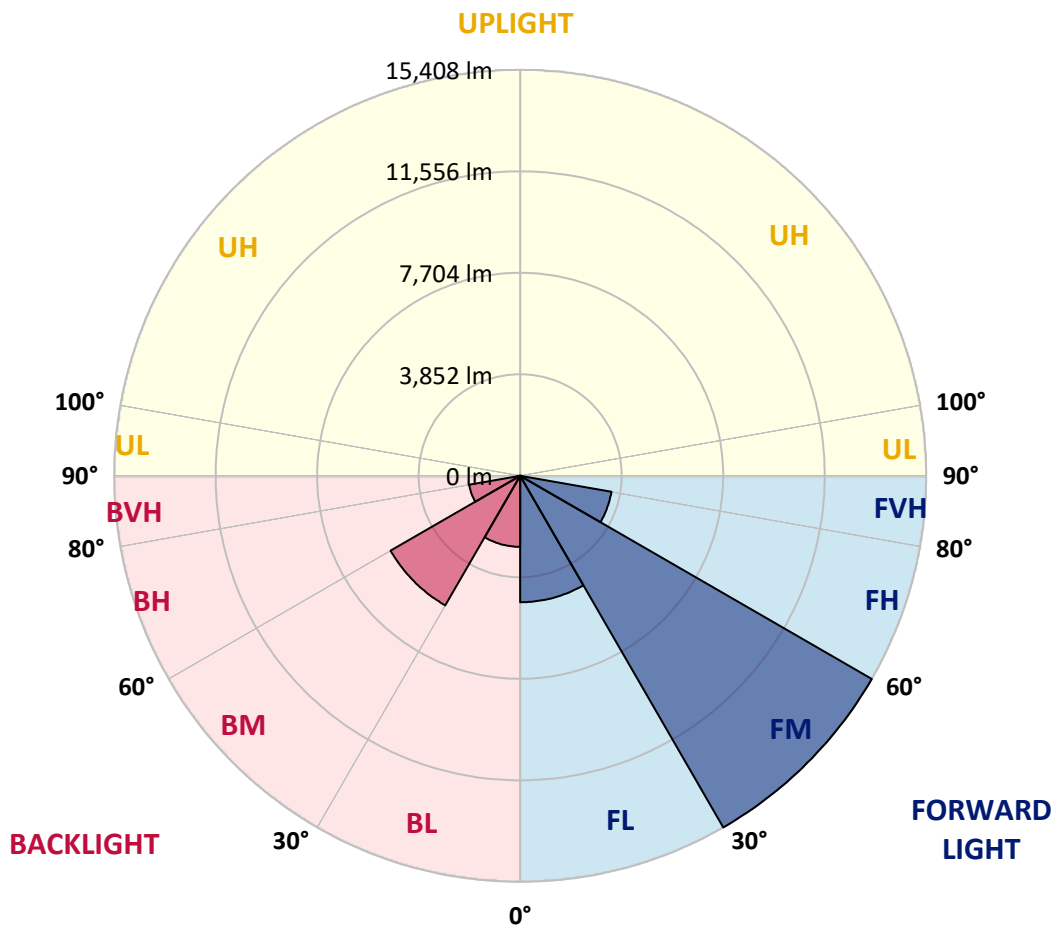
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4798.4	14.0			
FM	(30°-60°)	15407.9	45.0			
FH	(60°-80°)	3517.1	10.3			G2/5000
FVH	(80°-90°)	58.4	0.2			G1/100
BL	(0°-30°)	2695.3	7.9	B4/5000		
BM	(30°-60°)	5679.8	16.6	B4/8500		
BH	(60°-80°)	1964.9	5.7	B3/2500		G3/2500
BVH	(80°-90°)	99.3	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2
2.5°	16019.7	15929.8	16009.7	16389.5	16609.4	16759.3	16854.2	16839.2	16479.4	16129.7	16129.7
5°	15550.0	15435.1	15600.0	16459.4	17323.9	17398.8	17523.8	17318.9	16789.2	16149.6	15350.2
7.5°	14190.9	14275.8	14550.7	15679.9	16804.2	17368.9	17518.8	17258.9	16399.5	15205.3	14031.0
10°	13016.7	13216.5	13851.1	15070.3	16104.7	16839.2	17004.1	16639.3	15959.8	14495.7	13446.4
12.5°	12611.9	12487.0	13191.5	14410.8	15400.1	15794.9	15869.8	15894.8	15435.1	14135.9	12856.8
15°	12561.9	12641.9	13191.5	14115.9	14725.6	14745.5	14870.5	15065.3	15125.3	14380.8	13131.6
17.5°	13281.5	13186.5	13751.2	14485.7	14195.9	13906.1	13936.1	14215.9	14710.6	14590.6	13996.0
20°	14345.8	14560.7	15005.4	14930.4	14150.9	13416.4	13421.4	13686.2	14660.6	15460.1	15200.3
22.5°	16114.7	16324.5	16654.3	15749.9	14150.9	13271.5	13101.6	13461.4	14980.4	16494.4	16559.4
25°	17728.6	18113.4	18203.3	17139.0	14860.5	13406.4	13296.5	13651.2	15300.2	17503.8	18118.4
27.5°	19197.7	19337.6	19732.3	18033.4	15255.2	13496.3	13486.4	13941.1	15704.9	18008.5	19512.5
30°	20356.9	20342.0	20566.8	18598.1	15884.8	14001.0	13516.3	14375.8	16234.6	18842.9	20801.7
32.5°	21146.4	21316.3	21791.0	19382.6	16149.6	14480.7	14101.0	14885.5	16879.2	19237.7	21711.1
35°	22535.6	22830.4	22230.7	19817.3	16989.1	14955.4	14510.7	15580.0	17199.0	19667.4	22825.4
37.5°	23844.7	23619.9	23010.2	20052.1	17533.8	15834.8	15420.1	16924.1	18193.3	20601.8	23564.9
40°	24684.2	24679.2	23594.9	20242.0	17918.5	17179.0	17154.0	18288.3	19412.6	21191.4	24394.4
42.5°	25048.9	25398.7	23834.7	20222.0	18728.0	18807.9	19312.6	20327.0	20277.0	21311.3	24374.4
44°	25548.6	25758.5	24249.5	20267.0	19267.6	19907.2	21096.5	21741.1	21031.5	21246.4	24349.4
45°	25528.6	25543.6	23659.8	20327.0	19727.4	20826.6	21891.0	22980.3	21696.1	21106.5	24679.2
47.5°	24944.0	24774.1	23160.2	19882.3	21161.4	23255.1	24239.5	24899.0	22515.6	20806.7	24269.4
50°	23789.7	23594.9	21945.9	19692.4	21461.2	24764.1	26123.3	26363.1	23260.1	20511.8	23864.7
52.5°	23869.7	23814.7	22290.7	19977.2	21761.0	25238.8	27417.4	27477.4	24104.5	21131.5	23869.7
55°	25298.8	25108.9	23280.1	20332.0	21541.2	24684.2	26593.0	26488.0	23819.7	20756.7	24309.4
57.5°	23150.2	23275.1	21911.0	18927.9	18852.9	20067.1	20906.6	20646.8	19877.3	18733.0	22615.5
60°	18678.0	19032.8	19162.7	15829.9	14225.9	13601.3	13351.4	12891.7	13021.7	15390.1	19867.3
62.5°	16019.7	15999.7	16814.2	14350.8	9319.0	8014.9	7894.9	7999.9	9498.9	15150.3	19457.5
65°	12701.9	13041.6	13291.5	12162.2	7375.3	5951.2	5946.2	6610.8	8219.7	12661.9	15709.9
67.5°	8064.8	8509.5	8819.3	7780.0	4931.8	4237.3	4122.4	4921.8	5696.3	8304.7	9458.9
70°	4547.1	4757.0	4896.9	4487.1	3138.0	2198.6	2068.7	2258.6	3442.8	5376.6	5606.4
72.5°	1753.9	1848.8	2038.7	2053.7	1184.2	709.5	574.6	689.6	1449.1	2128.6	2028.7
75°	269.8	289.8	409.7	489.7	339.8	259.8	274.8	284.8	404.7	549.6	459.7
77.5°	129.9	129.9	124.9	144.9	169.9	184.9	199.9	219.9	239.8	264.8	254.8
80°	84.9	84.9	84.9	99.9	124.9	149.9	169.9	179.9	189.9	209.9	199.9
82.5°	55.0	55.0	55.0	75.0	99.9	124.9	134.9	159.9	179.9	209.9	194.9
85°	30.0	30.0	30.0	50.0	75.0	104.9	99.9	79.9	45.0	5.0	10.0
87.5°	10.0	10.0	10.0	10.0	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	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2
2.5°	15709.9	15480.1	15460.1	14990.4	14570.7	14365.8	14200.9	13741.2	13841.1	13576.3	13571.3
5°	14950.4	14480.7	13721.2	13096.6	12472.0	12347.1	11802.4	11327.7	11342.7	11002.9	11062.9
7.5°	13586.3	13261.5	12337.1	11357.7	10528.3	9938.6	9424.0	9114.2	8719.4	8584.5	8514.5
10°	12721.8	12322.1	11282.8	10053.6	9124.2	8809.4	8314.7	8039.8	7635.1	7435.2	7295.3
12.5°	12342.1	11757.5	10458.3	9209.1	8589.5	8264.7	7845.0	7345.3	6865.6	6680.7	6425.9
15°	12382.1	11682.5	10218.4	8869.3	8124.8	7495.2	7120.4	6565.8	6076.1	5751.3	5566.4
17.5°	12986.7	12137.2	10328.4	8609.5	7540.2	6750.7	6016.1	5416.5	5026.8	4781.9	4722.0
20°	14415.8	13261.5	10513.3	8189.7	6955.5	5971.2	5066.8	4442.2	4142.3	4137.3	4142.3
22.5°	15605.0	14460.7	10888.0	7939.9	6370.9	4971.8	4072.4	3872.5	3812.6	3937.5	3952.5
25°	17209.0	15809.9	11532.6	7810.0	5831.3	4237.3	3682.6	3607.7	3602.7	3762.6	3767.6
27.5°	18852.9	16989.1	11917.4	7430.2	5281.6	3857.5	3447.8	3432.8	3512.7	3682.6	3667.6
30°	19972.2	17978.5	12611.9	6975.5	4632.0	3522.7	3352.9	3372.8	3482.8	3612.7	3632.7
32.5°	21276.4	18952.8	12791.8	6725.7	4232.3	3242.9	3123.0	3168.0	3307.9	3512.7	3622.7
35°	22770.4	19642.4	13066.6	6385.9	4082.4	3028.1	2968.1	3018.1	3188.0	3322.9	3442.8
37.5°	23874.7	20861.6	13116.6	6121.1	3917.5	2908.1	2813.2	2978.1	3078.0	3267.9	3327.9
40°	24694.2	21746.1	13246.5	5956.2	3787.6	2753.2	2753.2	2863.2	2998.1	3173.0	3292.9
42.5°	25218.8	22390.6	13341.4	5806.3	3537.7	2708.3	2683.3	2793.2	2973.1	3143.0	3197.9
44°	25538.6	22665.5	13246.5	5666.4	3467.8	2653.3	2653.3	2748.2	2888.1	3088.0	3153.0
45°	25618.6	23010.2	13036.6	5661.4	3382.8	2588.3	2578.3	2758.2	2853.2	3098.0	3138.0
47.5°	25928.4	23435.0	13061.6	5501.5	3178.0	2433.4	2608.3	2688.3	2773.2	2988.1	3123.0
50°	25918.4	23699.8	13006.7	5266.6	3028.1	2258.6	2548.4	2638.3	2723.3	2943.1	2998.1
52.5°	25988.3	24689.2	13511.3	4891.9	2758.2	2033.7	2348.5	2548.4	2653.3	2838.2	2953.1
55°	25953.4	25253.8	14011.0	4612.0	2378.5	1898.8	2178.6	2413.5	2563.4	2758.2	2813.2
57.5°	23704.8	22320.7	12966.7	4087.4	1968.7	1738.9	1938.8	2273.5	2463.4	2663.3	2733.2
60°	19367.6	17204.0	10693.1	3008.1	1619.0	1599.0	1803.8	2228.6	2308.5	2483.4	2603.3
62.5°	17898.5	15090.3	8479.6	2298.5	1384.1	1464.1	1663.9	2013.7	2138.6	2353.5	2463.4
65°	14006.0	10023.6	5251.6	1554.0	1219.2	1314.2	1504.0	1763.9	1968.7	2168.6	2298.5
67.5°	8294.7	5476.5	2598.3	1089.3	1064.3	1164.3	1359.1	1554.0	1788.9	2008.7	2073.7
70°	4517.1	2693.3	1109.3	829.5	904.4	994.4	1184.2	1319.2	1544.0	1713.9	1823.8
72.5°	1449.1	819.5	554.6	614.6	689.6	794.5	909.4	1074.3	1234.2	1334.1	1424.1
75°	349.8	344.8	394.7	429.7	499.7	579.6	674.6	759.5	884.4	979.4	1059.3
77.5°	244.8	264.8	304.8	354.8	379.8	409.7	469.7	534.7	589.6	659.6	709.5
80°	189.9	204.9	234.8	259.8	284.8	309.8	339.8	364.8	399.7	444.7	469.7
82.5°	179.9	189.9	219.9	234.8	224.9	219.9	239.8	249.8	254.8	269.8	284.8
85°	15.0	0.0	10.0	35.0	84.9	124.9	134.9	134.9	129.9	139.9	139.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	15.0
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°	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2
2.5°	13511.3	13341.4	13406.4	13486.4	13371.4	13106.6	13176.6	13146.6	13416.4	13396.4	13666.2
5°	11327.7	11062.9	11092.9	11482.6	11357.7	11492.6	11222.8	11187.8	11237.8	11262.8	11307.8
7.5°	8669.4	8634.5	8934.3	9264.1	9419.0	9259.1	8994.2	8934.3	8879.3	8769.4	9019.2
10°	7075.5	7085.5	7065.5	7315.3	7490.2	7455.2	7295.3	7275.3	7170.4	7130.4	7270.3
12.5°	6316.0	6181.0	6116.1	6036.1	6171.0	6261.0	6191.0	6141.1	6146.1	6196.0	6216.0
15°	5581.4	5496.5	5356.6	5266.6	5331.6	5286.6	5261.6	5361.6	5336.6	5326.6	5446.5
17.5°	4757.0	4826.9	4816.9	4717.0	4801.9	4766.9	4761.9	4692.0	4597.1	4527.1	4567.1
20°	4212.3	4342.2	4442.2	4447.1	4492.1	4487.1	4412.2	4197.3	4127.4	4112.4	4122.4
22.5°	4017.4	4087.4	4207.3	4377.2	4377.2	4297.2	4207.3	3957.5	3892.5	3822.5	3792.6
25°	3862.5	3997.4	4152.3	4172.3	4252.3	4177.3	4032.4	3907.5	3772.6	3677.6	3677.6
27.5°	3782.6	3932.5	4047.4	4082.4	4192.3	4132.4	3982.4	3822.5	3662.7	3657.7	3572.7
30°	3747.6	3887.5	3962.5	4047.4	4097.4	4002.4	3957.5	3787.6	3627.7	3587.7	3447.8
32.5°	3642.7	3842.5	3982.4	3962.5	4002.4	3962.5	3897.5	3757.6	3577.7	3487.8	3472.8
35°	3522.7	3722.6	3872.5	3977.4	4002.4	3917.5	3877.5	3687.6	3442.8	3397.8	3242.9
37.5°	3457.8	3577.7	3762.6	3932.5	3967.5	3922.5	3787.6	3592.7	3347.9	3297.9	3163.0
40°	3377.8	3532.7	3677.6	3817.6	3922.5	3812.6	3657.7	3467.8	3357.8	3207.9	3168.0
42.5°	3317.9	3492.8	3612.7	3767.6	3887.5	3742.6	3562.7	3432.8	3277.9	3178.0	3063.0
44°	3297.9	3457.8	3537.7	3727.6	3827.5	3717.6	3567.7	3432.8	3252.9	3163.0	3063.0
45°	3227.9	3447.8	3532.7	3702.6	3787.6	3697.6	3507.8	3372.8	3242.9	3133.0	3028.1
47.5°	3158.0	3307.9	3452.8	3587.7	3647.7	3617.7	3457.8	3292.9	3138.0	3073.0	2973.1
50°	3138.0	3287.9	3422.8	3547.7	3617.7	3557.7	3412.8	3252.9	3073.0	2968.1	2883.2
52.5°	3038.1	3222.9	3372.8	3412.8	3502.8	3467.8	3357.8	3183.0	3013.1	2923.1	2853.2
55°	2893.1	3088.0	3292.9	3342.9	3472.8	3417.8	3252.9	3088.0	2943.1	2808.2	2718.3
57.5°	2838.2	3028.1	3227.9	3292.9	3372.8	3282.9	3242.9	3068.0	2838.2	2768.2	2628.3
60°	2698.3	2938.1	3103.0	3252.9	3257.9	3232.9	3163.0	2963.1	2773.2	2643.3	2543.4
62.5°	2588.3	2813.2	2943.1	3083.0	3168.0	3098.0	3028.1	2843.2	2638.3	2493.4	2378.5
65°	2428.4	2633.3	2743.2	2828.2	2923.1	2913.1	2793.2	2658.3	2443.4	2328.5	2218.6
67.5°	2183.6	2363.5	2513.4	2593.3	2653.3	2638.3	2548.4	2453.4	2233.6	2118.6	2038.7
70°	1888.8	2073.7	2168.6	2213.6	2273.5	2303.5	2233.6	2188.6	1993.7	1843.8	1768.9
72.5°	1519.0	1638.9	1778.9	1818.8	1843.8	1863.8	1863.8	1823.8	1624.0	1564.0	1434.1
75°	1119.3	1214.2	1319.2	1319.2	1364.1	1369.1	1379.1	1354.1	1204.2	1124.3	1094.3
77.5°	759.5	829.5	914.4	949.4	979.4	974.4	969.4	899.4	819.5	784.5	754.5
80°	494.7	564.6	604.6	649.6	679.6	674.6	684.6	634.6	599.6	539.7	549.6
82.5°	294.8	349.8	389.8	444.7	444.7	459.7	459.7	444.7	409.7	379.8	379.8
85°	139.9	184.9	209.9	244.8	264.8	269.8	239.8	204.9	169.9	154.9	169.9
87.5°	25.0	35.0	50.0	45.0	55.0	50.0	50.0	50.0	50.0	40.0	45.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P532916

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2	15265.2
2.5°	13566.3	13816.1	13991.0	14280.8	14780.5	15180.3	15590.0	15894.8	15929.8	16019.7
5°	11472.6	11607.6	12052.3	12631.9	13041.6	13716.2	14150.9	14940.4	15235.2	15550.0
7.5°	8959.3	9179.1	9773.7	10163.5	11062.9	11907.4	12781.8	13756.2	14145.9	14190.9
10°	7555.2	7875.0	8279.7	8904.3	9394.0	10333.4	11422.7	12507.0	12941.7	13016.7
12.5°	6635.7	7045.5	7585.1	8034.8	8504.5	9324.0	10368.4	11707.5	12272.1	12611.9
15°	5751.3	6176.0	6770.7	7395.3	7810.0	8789.4	10018.6	11527.6	12262.1	12561.9
17.5°	4841.9	5236.6	5726.3	6400.9	7235.4	8334.7	9963.6	12127.2	12931.7	13281.5
20°	4062.4	4282.3	4851.9	5546.4	6590.8	7870.0	9983.6	13011.7	14190.9	14345.8
22.5°	3757.6	3807.6	4032.4	4672.0	5816.3	7395.3	10338.4	14265.9	15605.0	16114.7
25°	3522.7	3512.7	3572.7	4002.4	5251.6	7210.4	10688.1	15420.1	17174.0	17728.6
27.5°	3392.8	3292.9	3297.9	3702.6	4851.9	6910.6	11137.9	16744.3	18952.8	19197.7
30°	3327.9	3307.9	3247.9	3412.8	4417.2	6460.9	11212.8	18048.4	20002.2	20356.9
32.5°	3287.9	3093.0	3018.1	3078.0	4007.4	5971.2	11492.6	18907.9	21301.3	21146.4
35°	3088.0	2913.1	2863.2	2923.1	3717.6	5696.3	11307.8	19657.4	22275.7	22535.6
37.5°	3013.1	2858.2	2758.2	2708.3	3447.8	5466.5	11212.8	20811.7	23220.1	23844.7
40°	2943.1	2778.2	2658.3	2608.3	3237.9	5161.7	11182.8	21701.1	24309.4	24684.2
42.5°	2863.2	2758.2	2623.3	2533.4	2983.1	4856.9	10838.1	21975.9	24644.2	25048.9
44°	2838.2	2678.3	2538.4	2508.4	2883.2	4702.0	10768.1	22225.8	24934.0	25548.6
45°	2813.2	2663.3	2503.4	2463.4	2848.2	4617.0	10673.2	22285.7	25413.7	25528.6
47.5°	2743.2	2648.3	2493.4	2383.5	2773.2	4432.2	10388.3	21945.9	24924.0	24944.0
50°	2688.3	2578.3	2418.4	2203.6	2673.3	4277.3	10518.3	21821.0	23744.8	23789.7
52.5°	2628.3	2463.4	2373.5	2003.7	2508.4	4147.3	10793.1	22385.6	23879.7	23869.7
55°	2558.4	2378.5	2158.6	1833.8	2233.6	3982.4	11457.7	23499.9	25128.9	25298.8
57.5°	2448.4	2293.5	1978.7	1683.9	1918.8	3667.6	11242.8	21366.3	23120.2	23150.2
60°	2303.5	2158.6	1793.8	1569.0	1574.0	2893.1	10053.6	16649.3	18243.3	18678.0
62.5°	2163.6	2083.7	1638.9	1404.1	1339.1	2303.5	8499.6	13836.1	15660.0	16019.7
65°	1998.7	1803.8	1504.0	1279.2	1149.3	1614.0	6021.1	10338.4	12217.2	12701.9
67.5°	1788.9	1579.0	1324.2	1124.3	984.4	1079.3	3108.0	5876.2	7780.0	8064.8
70°	1564.0	1369.1	1114.3	949.4	794.5	744.5	1369.1	2803.2	4252.3	4547.1
72.5°	1284.2	1104.3	889.4	749.5	594.6	514.7	459.7	749.5	1509.0	1753.9
75°	929.4	804.5	669.6	534.7	419.7	329.8	269.8	224.9	249.8	269.8
77.5°	684.6	584.6	494.7	379.8	294.8	234.8	184.9	139.9	134.9	129.9
80°	534.7	474.7	394.7	304.8	229.9	174.9	129.9	94.9	84.9	84.9
82.5°	419.7	389.8	324.8	249.8	189.9	139.9	94.9	65.0	55.0	55.0
85°	159.9	159.9	234.8	204.9	144.9	99.9	65.0	35.0	30.0	30.0
87.5°	40.0	40.0	40.0	40.0	35.0	30.0	30.0	15.0	10.0	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)