

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: P938864

Luminaire Tested: **GLAN-SB1A-940-U-T2-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P938864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-940-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 4000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH
HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

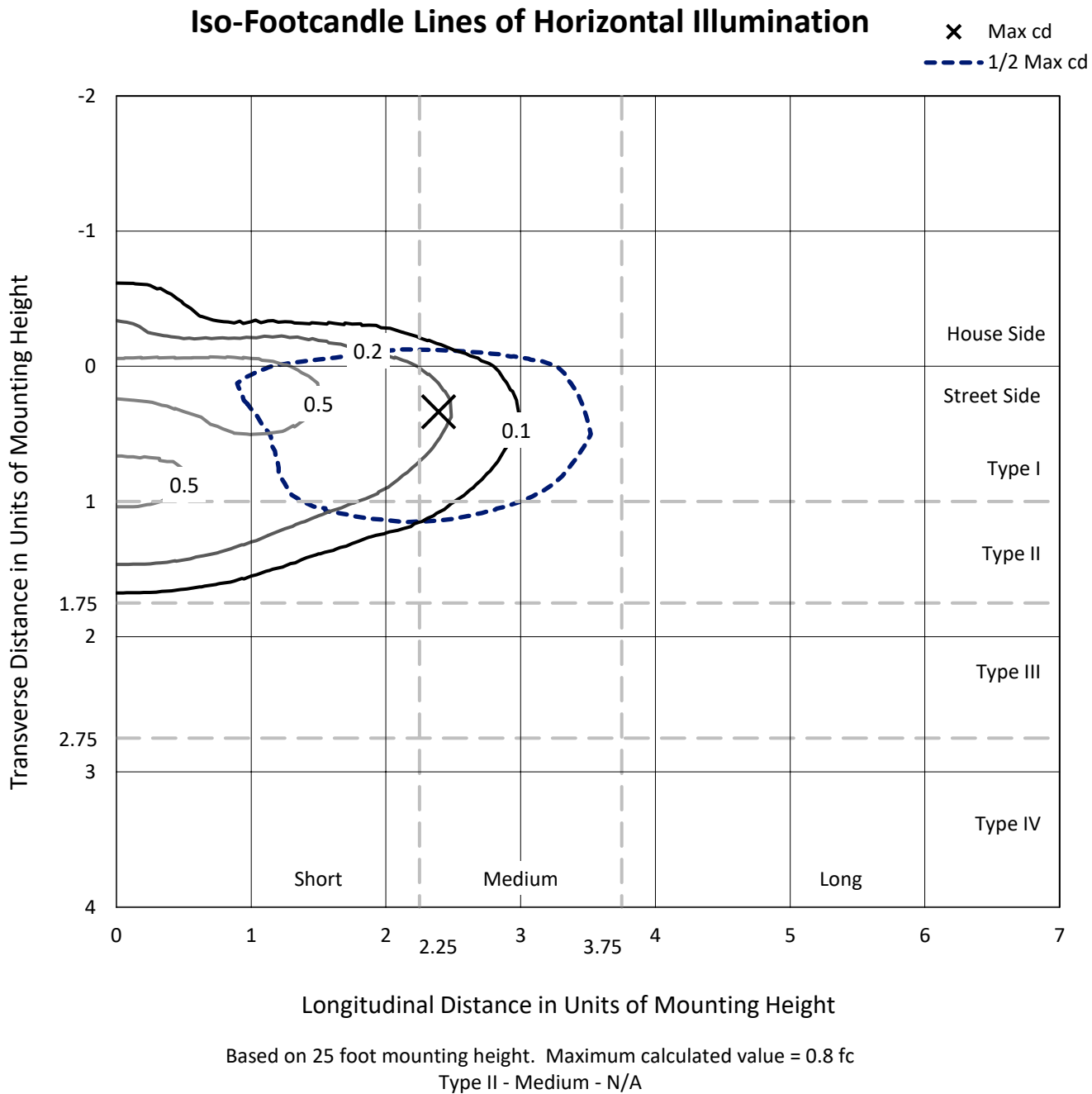
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2374 lumens
Efficiency: N/A
Efficacy: 76.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

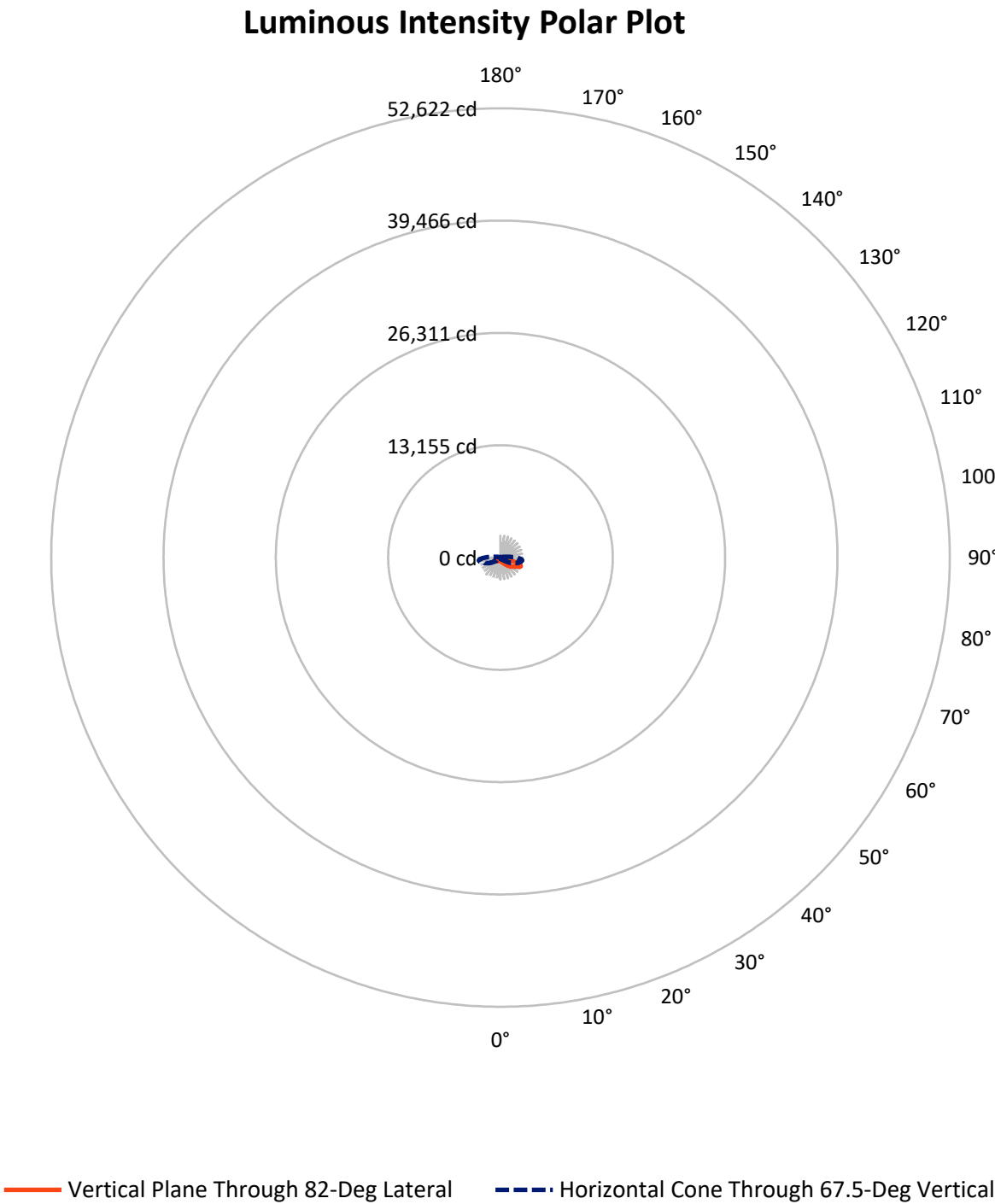
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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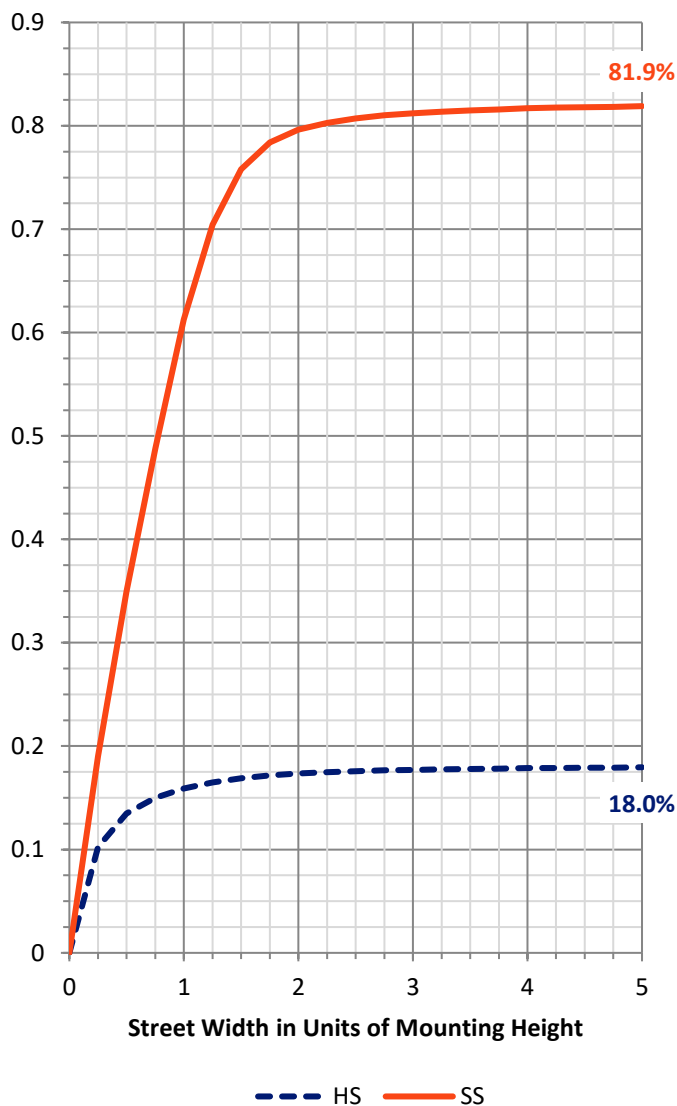
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	430.0	0.0	430.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	1944.0	0.0	1944.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	2374.0	0.0	2374.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	1.5
10°-20°	91.1	3.8
20°-30°	145.8	6.1
30°-40°	257.9	10.9
40°-50°	451.8	19.0
50°-60°	602.6	25.4
60°-70°	561.0	23.6
70°-80°	215.3	9.1
80°-90°	13.4	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°	2374.0	100.0
0°-180°	2374.0	100.0

Coefficient of Utilization



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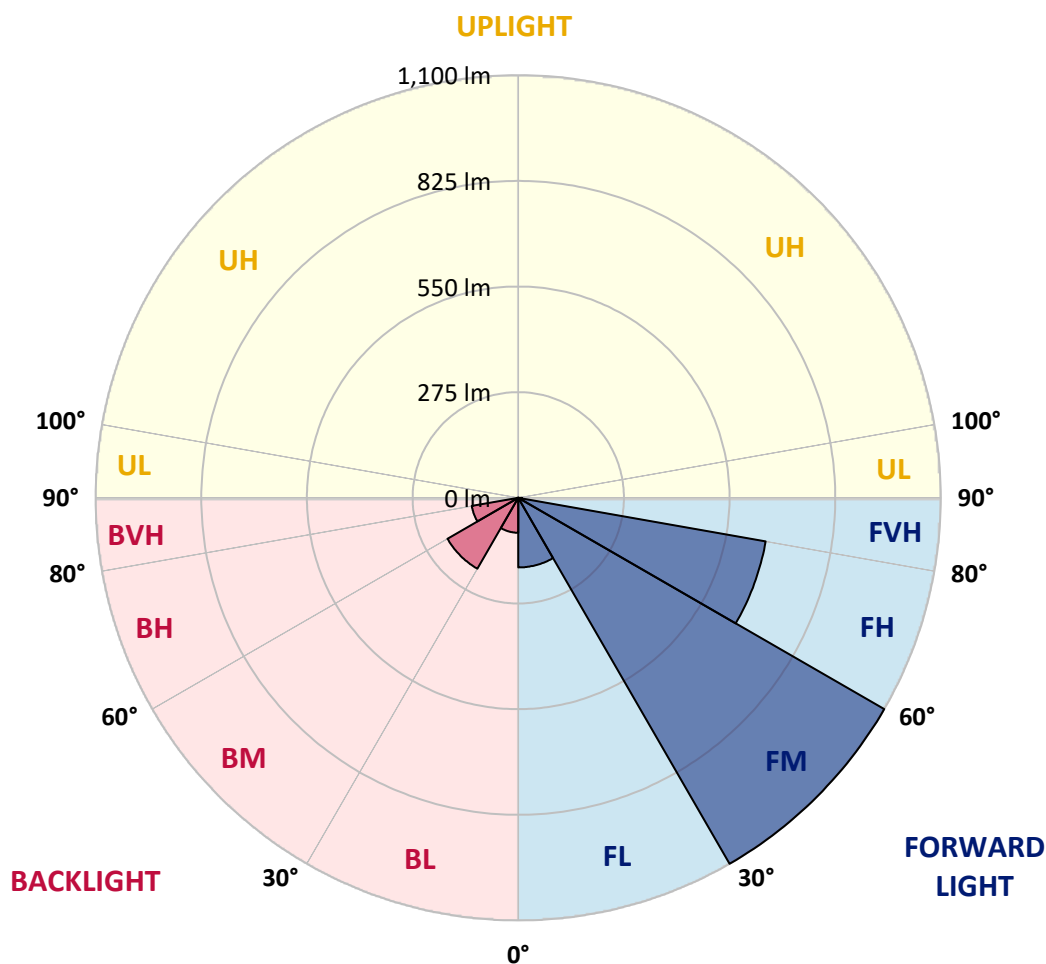
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	181.1	7.6			
FM	(30°-60°)	1099.5	46.3			
FH	(60°-80°)	653.6	27.5			G0/660
FVH	(80°-90°)	9.7	0.4			G0/10
BL	(0°-30°)	90.8	3.8	B0/110		
BM	(30°-60°)	212.8	9.0	B0/220		
BH	(60°-80°)	122.7	5.2	B1/500		G1/500
BVH	(80°-90°)	3.6	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3
2.5°	415.7	418.1	416.7	416.0	414.8	413.1	411.8	407.5	403.0	400.1
5°	424.1	426.5	426.3	427.0	427.8	428.3	428.0	423.2	416.9	411.9
7.5°	416.9	419.6	421.8	425.3	431.2	437.6	440.6	439.6	433.1	426.3
10°	396.5	399.4	404.7	412.8	425.4	439.1	450.6	455.8	451.7	444.2
12.5°	359.3	362.2	372.6	390.0	411.2	435.0	456.9	471.1	472.1	464.6
15°	317.4	320.3	331.4	353.3	385.6	423.7	460.3	487.1	496.2	489.7
17.5°	291.4	294.0	302.4	320.0	353.6	401.2	459.1	504.2	524.9	519.8
20°	283.6	285.8	289.7	302.0	330.1	377.7	451.2	520.3	555.8	552.9
22.5°	291.9	294.0	295.2	300.7	318.3	362.4	441.3	536.7	591.7	592.1
25°	311.2	313.3	311.9	315.4	323.0	357.6	437.6	556.0	636.9	640.6
27.5°	343.0	343.2	340.0	339.8	341.0	364.7	441.5	576.7	693.8	700.8
30°	406.8	404.2	391.8	378.3	372.1	386.3	452.4	601.1	760.9	773.4
32.5°	505.1	501.3	478.4	446.1	413.6	421.0	472.1	629.0	834.1	856.7
35°	611.7	610.7	586.8	538.7	482.0	470.4	504.0	665.6	913.9	949.8
37.5°	710.9	710.4	696.7	640.1	571.1	539.3	555.3	713.4	999.4	1051.3
40°	801.5	803.0	789.3	738.7	669.2	627.6	625.1	772.6	1094.4	1161.9
42.5°	879.7	881.4	867.6	830.2	766.1	725.4	710.7	845.0	1187.2	1280.7
45°	932.9	943.5	941.4	911.5	865.5	823.3	813.6	936.0	1293.0	1406.7
47.5°	947.9	957.7	973.1	977.2	949.1	907.6	919.2	1045.5	1400.0	1532.8
50°	910.8	919.9	951.9	994.4	1013.9	1001.1	1021.9	1163.0	1509.6	1658.6
52.5°	837.7	846.9	887.3	954.6	1034.1	1074.4	1125.0	1278.7	1615.7	1777.8
55°	731.9	741.6	793.4	869.7	995.6	1104.7	1211.0	1394.2	1713.0	1884.9
57.5°	588.0	595.2	649.0	755.6	898.9	1074.6	1274.4	1520.4	1804.6	1990.2
60°	383.2	389.5	452.1	571.1	738.6	974.1	1287.0	1661.0	1926.3	2127.1
62.5°	254.8	259.1	296.2	383.5	520.1	781.1	1213.0	1773.3	2104.7	2365.4
65°	174.9	179.1	216.2	277.1	336.0	516.7	1000.2	1758.4	2266.4	2554.6
67.5°	124.8	128.4	159.8	217.2	243.2	300.1	678.0	1568.4	2243.2	2561.8
70°	89.4	91.4	117.4	169.2	193.3	180.3	377.1	1199.5	1964.1	2365.6
72.5°	62.6	63.2	81.5	128.9	155.7	131.6	179.5	799.7	1485.5	1856.7
75°	42.4	43.2	54.9	94.5	124.9	100.5	95.0	428.8	872.0	1027.8
77.5°	26.0	26.3	35.4	64.6	93.5	76.6	61.2	181.7	337.4	331.2
80°	14.7	14.7	22.6	40.2	63.8	49.4	42.9	77.3	106.8	93.8
82.5°	8.2	8.4	16.4	25.0	42.2	29.2	23.6	35.7	46.1	40.9
85°	3.4	3.8	10.1	11.8	20.2	14.5	9.6	15.0	17.1	15.2
87.5°	0.3	0.5	3.1	2.2	2.4	2.9	1.4	2.9	2.4	2.4
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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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
393.3	0°	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3	393.3
399.1	2.5°	395.9	393.3	386.8	379.3	369.4	364.6	358.1	353.6	349.9	350.2
409.0	5°	403.5	397.1	382.5	364.4	341.8	325.8	308.7	296.9	287.3	285.3
422.7	7.5°	414.1	403.9	378.4	345.8	307.7	278.8	253.0	236.4	224.6	220.8
439.3	10°	427.8	412.9	373.1	322.4	267.5	230.7	203.1	190.1	182.0	179.3
458.8	12.5°	443.7	423.4	366.1	293.8	226.1	190.7	173.1	166.6	164.1	163.2
482.7	15°	463.7	436.4	355.5	260.0	191.1	166.3	158.8	157.9	158.3	157.9
511.4	17.5°	487.5	450.6	338.3	225.1	167.5	153.8	151.1	151.8	152.6	152.5
543.5	20°	513.4	464.6	316.2	194.2	151.4	144.9	143.4	144.1	144.8	144.4
580.6	22.5°	543.0	479.6	291.8	170.1	140.7	136.7	135.0	135.2	135.2	134.5
627.6	25°	578.4	496.2	266.1	153.0	132.5	129.4	127.3	126.7	125.6	123.6
684.7	27.5°	620.6	513.8	241.5	141.0	126.0	123.1	120.7	119.0	116.4	113.0
753.3	30°	668.1	535.2	220.7	133.5	120.8	117.9	115.2	112.6	108.9	104.6
832.0	32.5°	724.0	558.1	205.4	128.5	116.2	113.2	109.9	106.8	102.7	98.5
920.6	35°	790.7	585.7	196.6	125.1	112.6	108.5	104.9	101.5	98.5	94.7
1016.8	37.5°	863.0	615.1	193.8	123.4	110.2	103.9	99.8	97.4	97.1	94.9
1120.9	40°	942.1	650.0	195.9	122.4	107.7	99.5	95.0	94.5	95.4	91.4
1232.2	42.5°	1025.9	691.4	199.3	121.2	104.1	95.0	90.8	90.8	90.1	84.6
1349.8	45°	1116.5	739.1	202.7	118.3	99.8	90.6	87.3	86.1	83.2	77.9
1468.0	47.5°	1207.7	787.6	205.3	113.0	94.7	86.8	83.9	81.2	76.9	72.1
1584.1	50°	1294.4	831.2	202.5	105.1	88.9	83.2	80.2	76.4	71.8	68.5
1694.0	52.5°	1371.8	869.0	190.9	95.9	82.7	79.5	76.7	72.8	69.1	65.6
1793.1	55°	1439.2	899.6	170.4	87.2	77.3	76.2	73.5	68.5	63.4	60.5
1891.4	57.5°	1503.8	922.8	144.8	80.0	72.3	72.6	68.5	64.1	59.3	56.2
2023.9	60°	1589.7	953.9	118.8	73.3	67.0	68.0	63.6	60.3	54.4	50.4
2251.0	62.5°	1727.2	1002.3	94.3	65.1	60.8	61.2	59.3	55.4	48.2	43.6
2419.4	65°	1836.2	984.5	74.4	56.2	53.8	54.4	54.4	50.1	42.4	37.1
2428.5	67.5°	1823.9	843.0	59.3	47.5	47.2	47.5	48.7	45.1	37.6	33.3
2243.5	70°	1680.2	670.5	47.5	39.5	41.0	40.2	43.6	41.2	33.8	29.6
1739.3	72.5°	1371.0	483.0	36.2	32.6	31.4	32.8	39.3	37.1	28.2	23.4
921.3	75°	801.1	257.8	27.0	25.8	22.7	27.3	34.9	31.6	21.5	17.3
282.4	77.5°	260.8	89.9	19.8	19.0	16.9	22.0	29.7	26.7	17.6	13.7
82.7	80°	69.9	27.2	13.5	12.5	10.9	16.4	23.6	21.2	12.6	8.9
35.6	82.5°	28.0	11.5	7.9	7.0	6.0	11.3	18.6	17.1	9.4	5.6
11.1	85°	9.1	3.8	2.9	2.2	2.7	7.0	11.1	11.6	6.7	2.9
1.7	87.5°	1.2	0.5	0.5	0.7	0.5	1.2	3.4	3.2	1.9	0.3
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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180°
393.3
346.8
280.7
217.1
177.2
162.7
157.8
152.1
144.3
134.2
123.2
112.6
104.3
98.6
94.3
94.7
91.6
84.6
77.8
72.0
68.0
65.3
60.2
55.9
49.9
43.2
36.6
32.6
29.1
22.9
16.8
13.2
8.7
5.6
2.2
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