

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: P530994

Luminaire Tested: **GLAN-SA6B-730-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530994
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6B-730-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22886 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 243
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



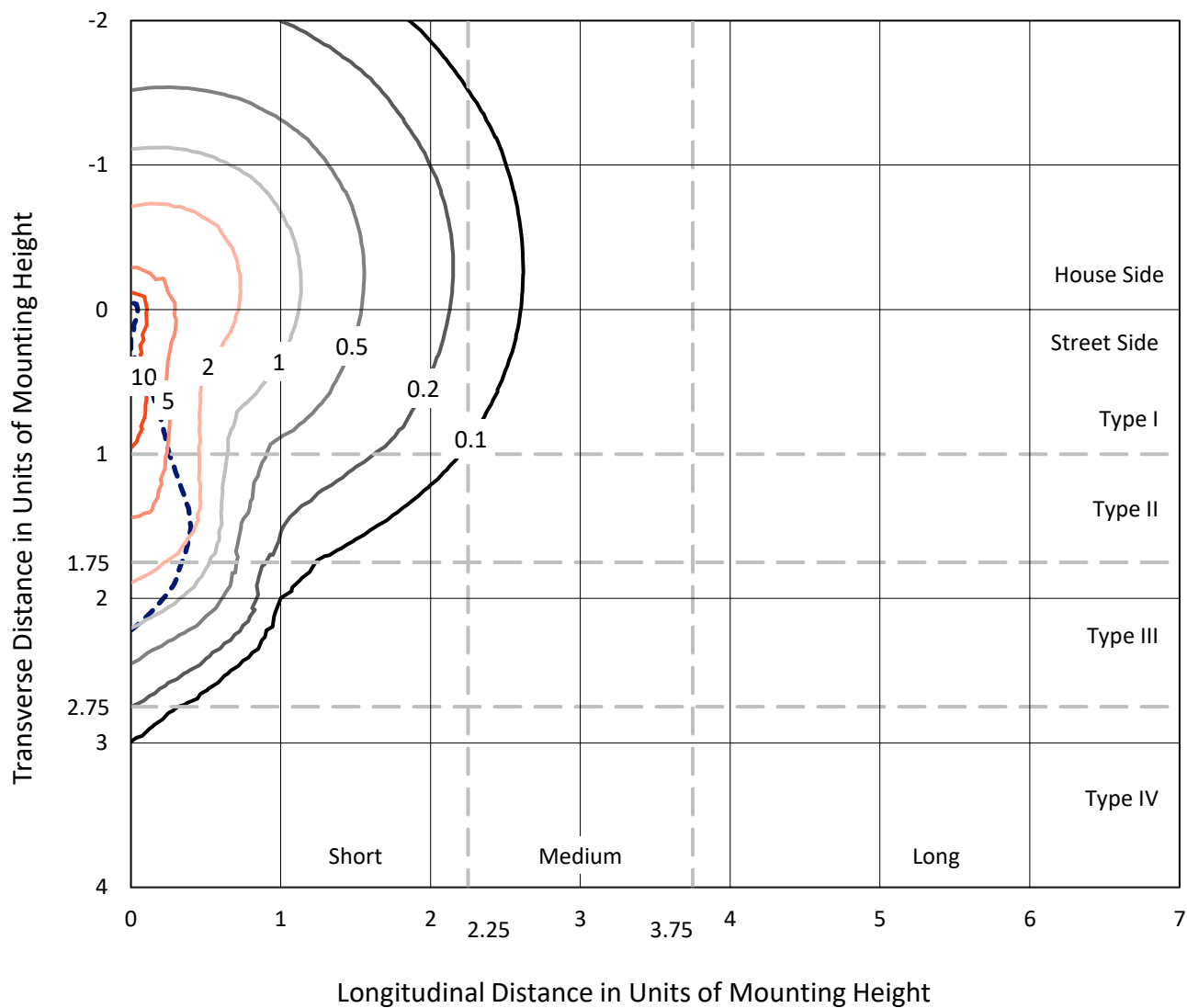
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



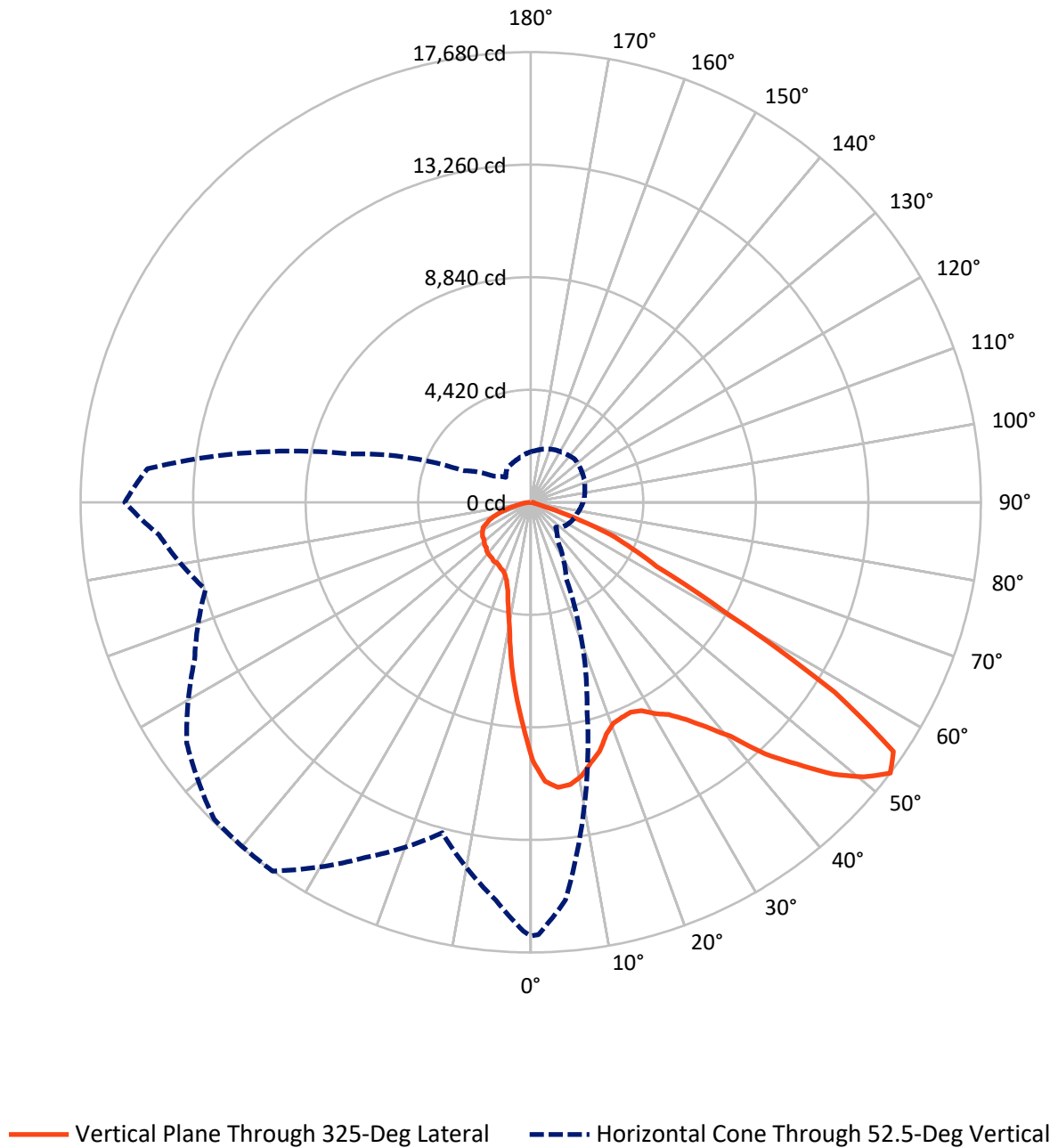
Based on 25 foot mounting height. Maximum calculated value = 16.3 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6899.2	0.0	6899.2
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	15986.8	0.0	15986.8
	% Fixture	69.9	0.0	69.9
Total	Lumens	22886.0	0.0	22886.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	774.9	3.4
10°-20°	1679.8	7.3
20°-30°	2538.1	11.1
30°-40°	3667.7	16.0
40°-50°	4881.0	21.3
50°-60°	5459.5	23.9
60°-70°	3077.0	13.4
70°-80°	685.9	3.0
80°-90°	122.1	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°	22886.0	100.0
0°-180°	22886.0	100.0

Coefficient of Utilization



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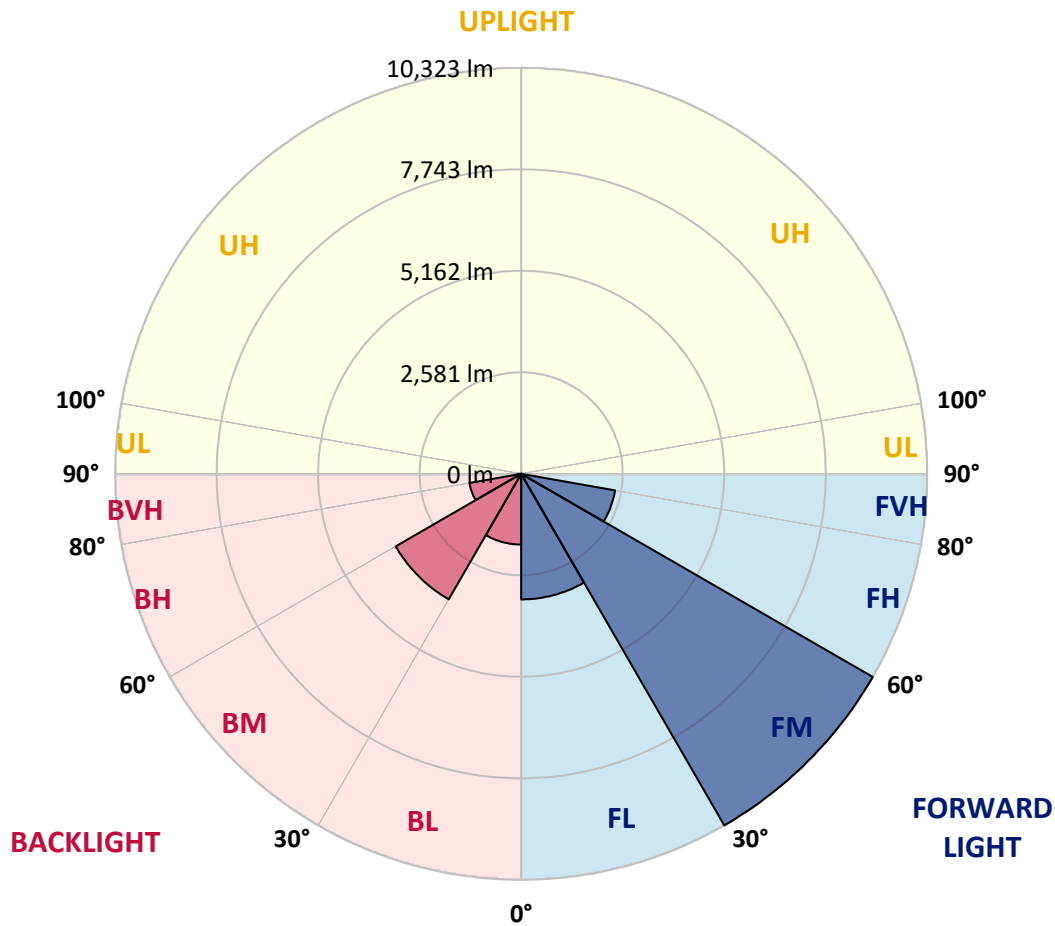
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3193.7	14.0			
FM	(30°-60°)	10323.3	45.1			
FH	(60°-80°)	2425.6	10.6			G2/5000
FVH	(80°-90°)	44.2	0.2			G1/100
BL	(0°-30°)	1799.1	7.9	B3/2500		
BM	(30°-60°)	3684.8	16.1	B3/5000		
BH	(60°-80°)	1337.3	5.8	B3/2500		G3/2500
BVH	(80°-90°)	77.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9
2.5°	10326.1	10492.0	10312.9	9994.4	9768.8	9563.2	9347.6	9304.5	9022.5	8972.7	8767.1
5°	9739.0	9702.5	9483.6	9065.6	8604.5	8186.6	7878.1	7579.6	7377.2	7141.7	7125.1
7.5°	9025.8	8813.5	8687.5	8053.9	7483.4	6826.6	6544.6	6090.2	5947.6	5735.3	5625.8
10°	8388.9	8233.0	7937.8	7304.2	6508.1	6073.6	5771.7	5526.3	5360.4	5141.5	4866.2
12.5°	8073.8	8010.8	7679.1	6697.2	6106.8	5642.4	5430.1	5191.3	4909.3	4557.7	4421.7
15°	8130.2	7917.9	7665.8	6581.1	5765.1	5317.3	4979.0	4680.4	4318.9	3983.8	3788.1
17.5°	8551.5	8388.9	7884.7	6654.1	5635.7	4988.9	4375.2	3934.1	3609.0	3307.1	3171.1
20°	9380.7	9145.2	8578.0	6747.0	5357.1	4531.2	3827.9	3283.9	2935.6	2776.4	2730.0
22.5°	10299.6	10160.3	9254.7	6955.9	5134.9	4106.6	3247.4	2703.4	2574.1	2530.9	2617.2
25°	11417.4	11055.9	10306.2	7297.6	4962.4	3745.0	2756.5	2454.7	2388.3	2431.4	2530.9
27.5°	12266.6	12170.4	11042.6	7619.4	4726.9	3310.5	2481.2	2282.2	2302.1	2345.2	2438.1
30°	13275.0	12787.4	11755.8	7841.6	4514.6	3011.9	2288.8	2235.7	2255.6	2328.6	2375.0
32.5°	13882.0	13699.6	12203.6	8176.6	4269.1	2753.2	2139.5	2089.8	2119.6	2229.1	2338.6
35°	14654.9	14293.4	12757.6	8262.9	4096.6	2650.4	2033.4	1996.9	2066.6	2142.8	2265.6
37.5°	15557.2	15308.4	13523.8	8203.2	4003.7	2544.2	1943.8	1927.2	1977.0	2083.1	2225.8
40°	16091.2	16014.9	13925.2	8239.7	3857.8	2451.3	1841.0	1860.9	1963.7	2046.6	2186.0
42.5°	16605.4	16107.8	14518.9	8226.4	3764.9	2325.3	1850.9	1827.7	1907.3	2003.5	2136.2
45°	16718.2	16223.9	14658.2	8133.5	3652.1	2202.6	1774.6	1784.6	1880.8	2000.2	2086.5
47.5°	16645.2	16280.3	14917.0	8107.0	3546.0	2116.3	1661.9	1781.3	1837.7	1933.9	2056.6
50°	16595.4	16575.5	15135.9	8233.0	3403.3	1980.3	1525.9	1738.2	1794.5	1890.7	2023.4
52.5°	17033.3	16990.2	15683.2	8564.7	3290.6	1834.4	1386.5	1628.7	1764.7	1857.6	1986.9
55°	17298.7	17109.6	16622.0	8972.7	3101.5	1642.0	1290.4	1492.7	1691.7	1774.6	1907.3
57.5°	15560.5	15431.1	15036.4	8375.7	2783.0	1389.9	1170.9	1353.4	1592.2	1721.6	1857.6
60°	12946.6	12744.3	11732.6	7118.5	2053.3	1081.4	1098.0	1243.9	1565.7	1615.4	1774.6
62.5°	12206.9	11706.0	10329.4	5728.6	1575.6	928.8	985.2	1144.4	1426.4	1509.3	1668.5
65°	9685.9	9314.4	7390.5	4136.4	1054.8	806.1	898.9	1031.6	1230.6	1393.2	1539.1
67.5°	6063.7	5708.7	3944.0	1957.1	736.4	690.0	802.7	942.1	1104.6	1250.5	1413.1
70°	3167.8	2779.7	1821.1	706.5	507.5	563.9	670.1	802.7	962.0	1081.4	1207.4
72.5°	1180.9	958.6	593.8	305.2	351.6	431.2	544.0	640.2	753.0	898.9	968.6
75°	182.4	155.9	152.6	185.8	238.8	311.8	388.1	484.3	583.8	676.7	723.1
77.5°	86.2	82.9	92.9	122.7	159.2	222.2	282.0	374.8	454.4	514.1	540.7
80°	56.4	53.1	59.7	82.9	119.4	165.9	225.6	288.6	361.6	411.3	404.7
82.5°	33.2	36.5	36.5	56.4	82.9	119.4	162.5	218.9	268.7	311.8	285.3
85°	19.9	16.6	16.6	33.2	56.4	96.2	136.0	92.9	96.2	96.2	109.5
87.5°	6.6	6.6	6.6	3.3	6.6	6.6	10.0	16.6	19.9	23.2	29.9
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°	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9
2.5°	8760.5	8863.3	8826.8	8697.4	8796.9	8813.5	8747.2	8976.1	9019.2	8949.5	8969.4
5°	7101.9	7128.4	7188.1	7314.2	7403.8	7509.9	7509.9	7516.5	7427.0	7652.5	7586.2
7.5°	5532.9	5549.5	5619.2	5887.8	5964.1	6166.5	6252.7	6193.0	6013.9	5937.6	6000.6
10°	4776.6	4680.4	4657.2	4690.4	4862.9	4949.1	5022.1	5002.2	4972.3	4912.6	4846.3
12.5°	4272.4	4202.8	4146.4	4066.8	4076.7	4159.6	4216.0	4169.6	4182.9	4196.1	4216.0
15°	3725.1	3675.3	3645.5	3526.1	3512.8	3569.2	3589.1	3615.6	3665.4	3668.7	3645.5
17.5°	3144.6	3101.5	3167.8	3234.2	3187.7	3191.0	3227.5	3250.8	3237.5	3177.8	3147.9
20°	2746.6	2793.0	2859.3	2922.4	2972.1	3002.0	3015.2	2978.8	2935.6	2812.9	2809.6
22.5°	2630.5	2690.2	2746.6	2842.8	2889.2	2965.5	2895.8	2812.9	2753.2	2693.5	2623.8
25°	2544.2	2594.0	2706.8	2743.2	2832.8	2895.8	2846.1	2763.1	2660.3	2574.1	2521.0
27.5°	2481.2	2537.6	2610.6	2710.1	2779.7	2816.2	2766.5	2733.3	2627.1	2524.3	2448.0
30°	2441.4	2501.1	2633.8	2716.7	2776.4	2806.3	2720.0	2680.2	2603.9	2517.7	2451.3
32.5°	2414.8	2467.9	2580.7	2686.8	2726.7	2726.7	2739.9	2693.5	2587.3	2441.4	2385.0
35°	2328.6	2401.6	2494.5	2617.2	2690.2	2733.3	2666.9	2613.9	2544.2	2394.9	2292.1
37.5°	2278.8	2328.6	2448.0	2564.1	2627.1	2673.6	2647.0	2554.2	2461.3	2338.6	2255.6
40°	2225.8	2305.4	2411.5	2521.0	2590.7	2637.1	2617.2	2507.7	2394.9	2278.8	2222.5
42.5°	2189.3	2242.4	2351.8	2474.6	2557.5	2647.0	2587.3	2451.3	2371.7	2212.5	2149.5
45°	2159.4	2245.7	2361.8	2411.5	2497.8	2590.7	2484.5	2401.6	2308.7	2192.6	2139.5
47.5°	2122.9	2202.6	2278.8	2411.5	2451.3	2494.5	2474.6	2341.9	2262.3	2136.2	2099.7
50°	2109.7	2139.5	2278.8	2351.8	2408.2	2451.3	2398.3	2298.7	2222.5	2093.1	2013.5
52.5°	2056.6	2113.0	2202.6	2298.7	2368.4	2421.5	2335.2	2272.2	2169.4	2033.4	1983.6
55°	1990.3	2023.4	2182.6	2282.2	2318.6	2355.1	2322.0	2219.1	2113.0	1973.7	1923.9
57.5°	1904.0	1980.3	2109.7	2249.0	2295.4	2315.3	2262.3	2179.3	2046.6	1923.9	1844.3
60°	1814.5	1894.1	2036.7	2149.5	2195.9	2268.9	2189.3	2139.5	1986.9	1850.9	1764.7
62.5°	1724.9	1814.5	1920.6	2063.2	2103.0	2132.9	2113.0	2043.3	1920.6	1768.0	1661.9
65°	1618.7	1685.1	1817.8	1890.7	1917.3	1986.9	1917.3	1890.7	1781.3	1635.3	1545.8
67.5°	1459.5	1515.9	1632.0	1701.7	1721.6	1751.4	1748.1	1718.3	1595.5	1496.0	1416.4
70°	1277.1	1326.8	1399.8	1482.7	1492.7	1529.2	1496.0	1489.4	1409.8	1273.8	1230.6
72.5°	1025.0	1071.4	1167.6	1204.1	1207.4	1220.7	1204.1	1180.9	1161.0	1018.3	975.2
75°	786.2	812.7	859.1	892.3	892.3	908.9	898.9	875.7	822.6	733.1	690.0
77.5°	547.3	573.9	633.6	653.5	650.2	656.8	626.9	603.7	524.1	477.7	441.2
80°	398.1	414.6	444.5	457.8	461.1	471.0	434.5	414.6	368.2	315.1	298.5
82.5°	288.6	298.5	301.9	318.4	318.4	301.9	291.9	272.0	238.8	205.7	192.4
85°	119.4	122.7	126.0	146.0	149.3	179.1	165.9	155.9	136.0	116.1	106.1
87.5°	29.9	33.2	43.1	36.5	43.1	43.1	46.4	53.1	53.1	43.1	43.1
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9
2.5°	9045.7	9072.3	9410.6	9453.7	9619.6	9788.7	10130.4	10375.9	10574.9	10704.3	10740.8
5°	7655.9	7825.0	7980.9	8233.0	8461.9	8787.0	9161.8	9626.2	10210.0	10508.6	10628.0
7.5°	5994.0	6193.0	6418.6	6664.0	6999.1	7582.9	8083.8	8621.1	9367.5	9676.0	10143.7
10°	4892.7	5115.0	5413.5	5602.6	6007.3	6564.5	7148.3	7768.6	8481.8	8926.3	9467.0
12.5°	4325.5	4507.9	4783.3	5181.3	5483.2	5844.7	6279.3	7062.1	8083.8	8505.0	8876.5
15°	3698.6	3900.9	4219.3	4660.5	5022.1	5453.3	5940.9	6793.4	7881.4	8531.6	8846.7
17.5°	3181.1	3327.0	3662.1	4043.5	4458.2	4929.2	5629.1	6780.1	8093.7	8926.3	9440.5
20°	2822.8	2842.8	3025.2	3350.3	3914.2	4527.8	5436.7	6713.8	8773.7	9606.3	10256.5
22.5°	2597.3	2577.4	2580.7	2856.0	3250.8	4133.1	5134.9	6939.4	9546.6	10687.7	11125.5
25°	2484.5	2431.4	2398.3	2458.0	2816.2	3665.4	4906.0	7237.9	10379.2	11580.0	12117.4
27.5°	2424.8	2331.9	2265.6	2275.5	2537.6	3429.9	4763.3	7367.3	11205.1	12823.9	13013.0
30°	2401.6	2285.5	2189.3	2156.1	2328.6	3101.5	4458.2	7589.5	11944.9	13507.2	13669.8
32.5°	2318.6	2176.0	2083.1	2053.3	2122.9	2812.9	4239.2	7748.7	12598.3	14250.2	14193.9
35°	2222.5	2103.0	1986.9	1930.5	1980.3	2627.1	4063.4	7672.4	13367.9	14827.4	14797.6
37.5°	2212.5	2056.6	1960.4	1867.5	1864.2	2398.3	3824.6	7745.4	13858.8	15862.4	15454.3
40°	2126.3	2026.7	1900.7	1824.4	1781.3	2282.2	3592.4	7572.9	14578.6	16280.3	15878.9
42.5°	2129.6	1980.3	1870.8	1781.3	1738.2	2113.0	3433.2	7526.5	14830.7	16960.3	16078.0
45°	2076.5	1930.5	1837.7	1731.5	1708.3	1983.6	3280.6	7310.9	15275.2	16993.5	15829.2
47.5°	2023.4	1894.1	1794.5	1668.5	1615.4	1937.2	3161.2	7131.8	15043.0	16681.7	15484.2
50°	1986.9	1837.7	1744.8	1655.2	1506.0	1857.6	3005.3	7088.6	14718.0	16260.4	14844.0
52.5°	1923.9	1791.2	1695.0	1625.4	1386.5	1784.6	2945.6	7340.7	15116.0	15945.3	14658.2
55°	1864.2	1728.2	1605.5	1469.5	1287.0	1592.2	2779.7	7576.2	15696.5	16671.7	15500.8
57.5°	1801.2	1671.8	1539.1	1376.6	1190.8	1393.2	2607.2	7619.4	14608.5	15407.9	14714.6
60°	1718.3	1552.4	1452.9	1240.6	1088.0	1154.3	2066.6	6717.1	11331.2	12867.0	12890.2
62.5°	1625.4	1446.3	1360.0	1111.2	981.9	995.1	1685.1	5645.7	9191.7	10651.2	11284.8
65°	1502.6	1330.2	1227.3	1028.3	905.6	862.4	1234.0	4136.4	6982.5	8641.0	9360.8
67.5°	1343.4	1180.9	1051.5	895.6	809.4	739.7	842.5	2328.6	4123.2	5801.6	6020.5
70°	1174.3	1034.9	898.9	769.6	673.4	623.6	617.0	1031.6	1970.4	3121.4	3552.6
72.5°	925.5	826.0	716.5	620.3	557.3	484.3	441.2	427.9	666.7	1270.4	1754.7
75°	663.4	580.5	517.5	454.4	408.0	368.2	335.0	305.2	278.6	318.4	437.9
77.5°	418.0	388.1	338.3	321.8	295.2	285.3	272.0	255.4	235.5	222.2	222.2
80°	282.0	262.1	245.5	242.1	232.2	228.9	232.2	215.6	195.7	179.1	185.8
82.5°	189.1	185.8	182.4	179.1	182.4	185.8	192.4	189.1	172.5	162.5	165.9
85°	112.8	119.4	126.0	132.7	146.0	129.4	106.1	89.6	79.6	73.0	69.7
87.5°	43.1	59.7	53.1	49.8	53.1	49.8	46.4	43.1	36.5	33.2	33.2
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°	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9	10156.9
2.5°	10982.9	11049.2	11105.6	11092.4	10976.3	10820.4	10757.3	10435.6	10369.2	10326.1
5°	11132.2	11517.0	11599.9	11550.1	11248.3	10866.8	10495.3	10024.3	9748.9	9739.0
7.5°	10856.9	11331.2	11480.5	11593.2	11191.9	10528.5	9891.6	9185.0	9012.5	9025.8
10°	10156.9	10913.2	11281.4	11397.5	10936.5	10362.6	9480.3	8763.8	8395.6	8388.9
12.5°	9768.8	10362.6	10465.4	10628.0	10492.0	9911.5	9241.4	8438.7	8080.4	8073.8
15°	9423.9	9815.3	9845.1	10074.0	10147.0	9755.6	9304.5	8448.6	8160.1	8130.2
17.5°	9725.7	9453.7	9340.9	9370.8	9586.4	9729.0	9669.3	9012.5	8717.3	8551.5
20°	9928.1	9321.0	8979.4	9012.5	9268.0	9788.7	10213.3	9828.6	9360.8	9380.7
22.5°	10468.8	9340.9	8806.9	8770.4	9175.1	10100.6	10827.0	10860.2	10409.0	10299.6
25°	11278.1	9569.8	8753.8	8743.9	9132.0	10435.6	11543.5	12080.9	11619.8	11417.4
27.5°	11928.3	9928.1	8919.7	8952.8	9268.0	10707.6	12153.8	12867.0	12515.4	12266.6
30°	12498.8	10299.6	9151.9	8999.3	9632.8	10850.2	12415.9	13762.6	13480.7	13275.0
32.5°	12734.3	10827.0	9520.1	9268.0	9934.7	11022.7	12959.9	14631.7	14389.6	13882.0
35°	13132.4	11122.2	9719.1	9699.2	10462.1	11437.3	13215.3	15205.6	15106.1	14654.9
37.5°	13450.8	11420.8	10425.6	10206.7	11185.2	12133.9	13626.6	15998.4	15769.5	15557.2
40°	13696.3	11954.8	11085.7	11374.3	12074.2	12767.5	14004.8	16048.1	16708.2	16091.2
42.5°	13470.7	12432.5	12170.4	12860.4	13523.8	13490.6	14047.9	16432.9	16927.1	16605.4
45°	13414.3	13241.8	13885.4	14512.3	14664.9	14091.0	13739.4	16008.3	16860.8	16718.2
47.5°	13278.3	14037.9	15159.1	16180.8	15948.6	14492.4	13371.2	15932.0	16900.6	16645.2
50°	13231.9	14210.4	16101.2	17096.3	16957.0	14840.7	13198.7	15441.1	16618.7	16595.4
52.5°	13228.6	14565.4	16492.6	17593.9	17680.1	15391.3	13434.2	15689.9	16837.6	17033.3
55°	13377.8	14452.6	16442.8	17318.6	17285.4	15145.9	13460.8	15855.7	17106.3	17298.7
57.5°	12618.2	12946.6	13570.2	14263.5	14084.4	12545.3	12021.2	14658.2	15699.8	15560.5
60°	10896.7	9868.4	9165.1	9132.0	8783.7	8302.7	9838.5	13082.6	13082.6	12946.6
62.5°	9543.3	6478.3	5566.1	5307.4	5556.1	6110.1	9490.2	12724.4	12362.8	12206.9
65°	8345.8	4945.8	4023.6	3950.7	4381.9	5217.8	8581.3	10840.3	10203.4	9685.9
67.5°	5370.4	3622.3	2992.0	2862.7	3383.4	3831.2	5712.0	6667.4	6266.0	6063.7
70°	3463.0	2358.5	1665.2	1562.4	1764.7	2361.8	3648.8	3887.6	3303.8	3167.8
72.5°	1638.6	1018.3	583.8	481.0	540.7	902.3	1442.9	1552.4	1290.4	1180.9
75°	520.8	374.8	238.8	205.7	195.7	232.2	331.7	255.4	185.8	182.4
77.5°	232.2	222.2	189.1	159.2	139.3	116.1	96.2	79.6	82.9	86.2
80°	192.4	175.8	155.9	139.3	116.1	89.6	69.7	53.1	53.1	56.4
82.5°	169.2	152.6	136.0	116.1	99.5	73.0	53.1	36.5	33.2	33.2
85°	73.0	86.2	92.9	99.5	79.6	59.7	36.5	23.2	19.9	19.9
87.5°	29.9	26.5	23.2	19.9	16.6	16.6	13.3	10.0	6.6	6.6
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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