

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: P847187

Luminaire Tested: **GLAN-SB3A-930-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847187  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3A-930-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7121 lumens  
Efficiency: N/A  
Efficacy: 84.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G2

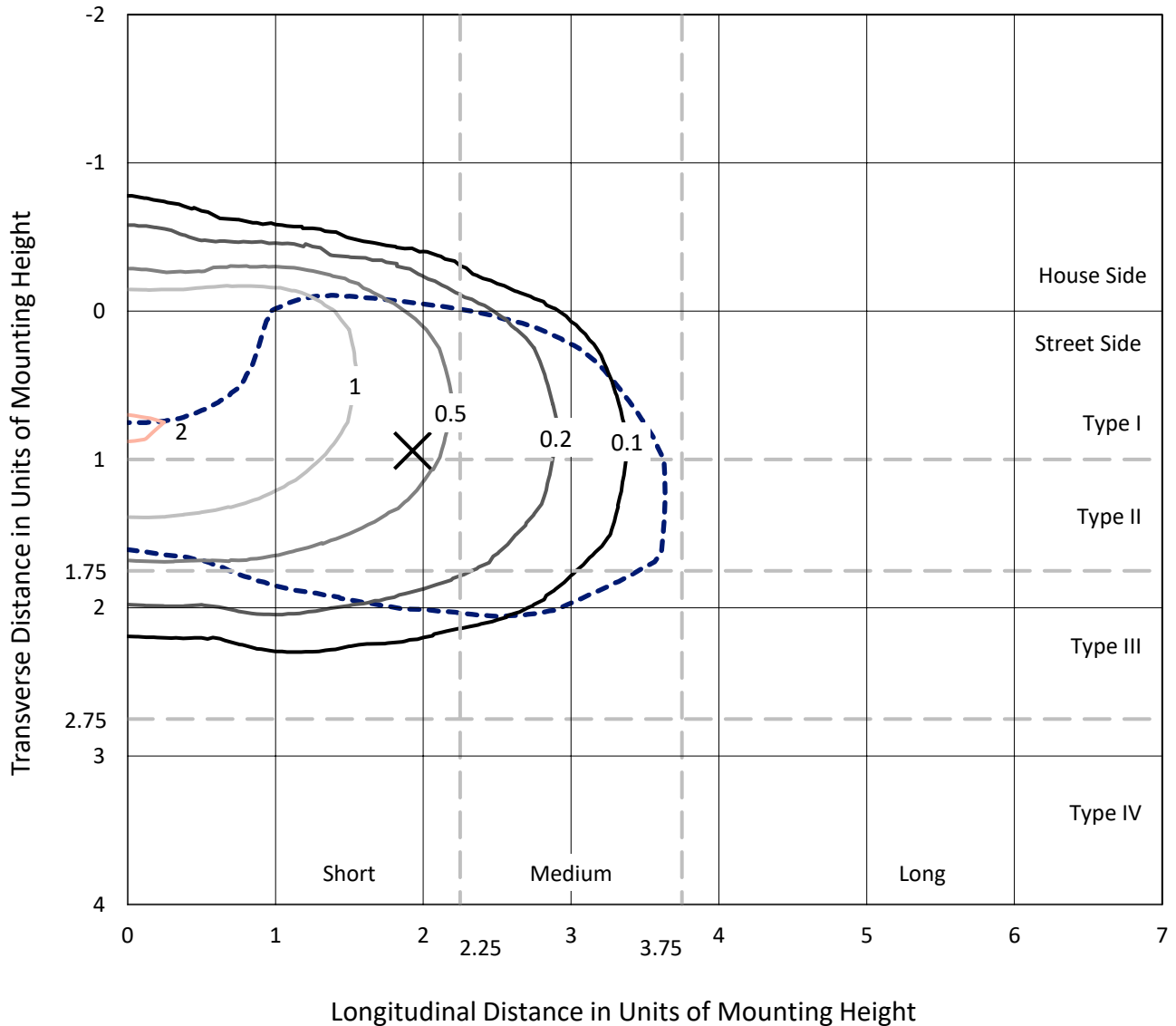
Input Watts (W): 84.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

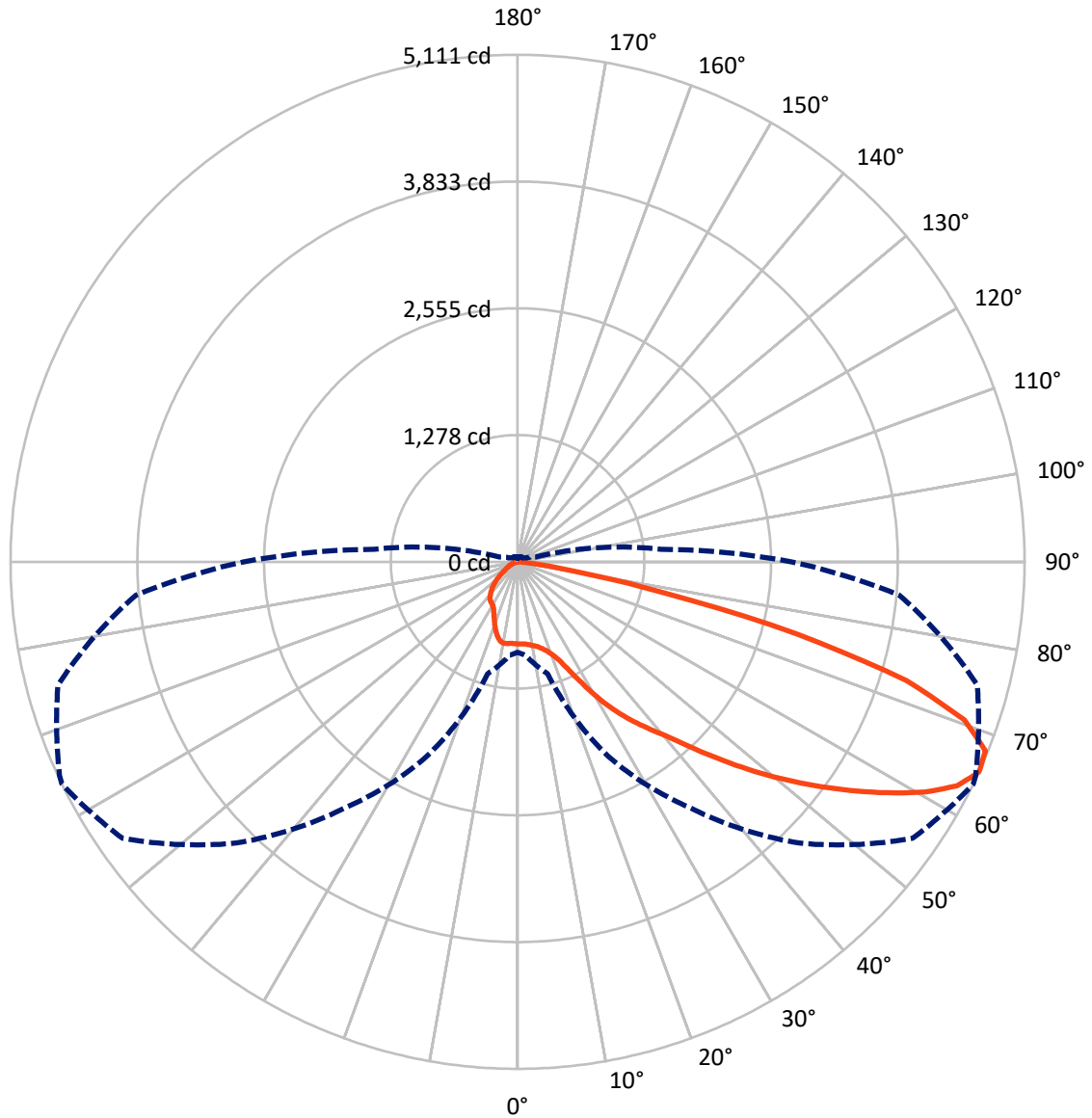
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	952.3	0.0	952.3
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	6168.7	0.0	6168.7
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	7121.0	0.0	7121.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.4	1.1
10°-20°	207.3	2.9
20°-30°	392.7	5.5
30°-40°	794.7	11.2
40°-50°	1353.8	19.0
50°-60°	1841.1	25.9
60°-70°	1728.8	24.3
70°-80°	692.6	9.7
80°-90°	33.6	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°	7121.0	100.0
0°-180°	7121.0	100.0

**Coefficient of Utilization**



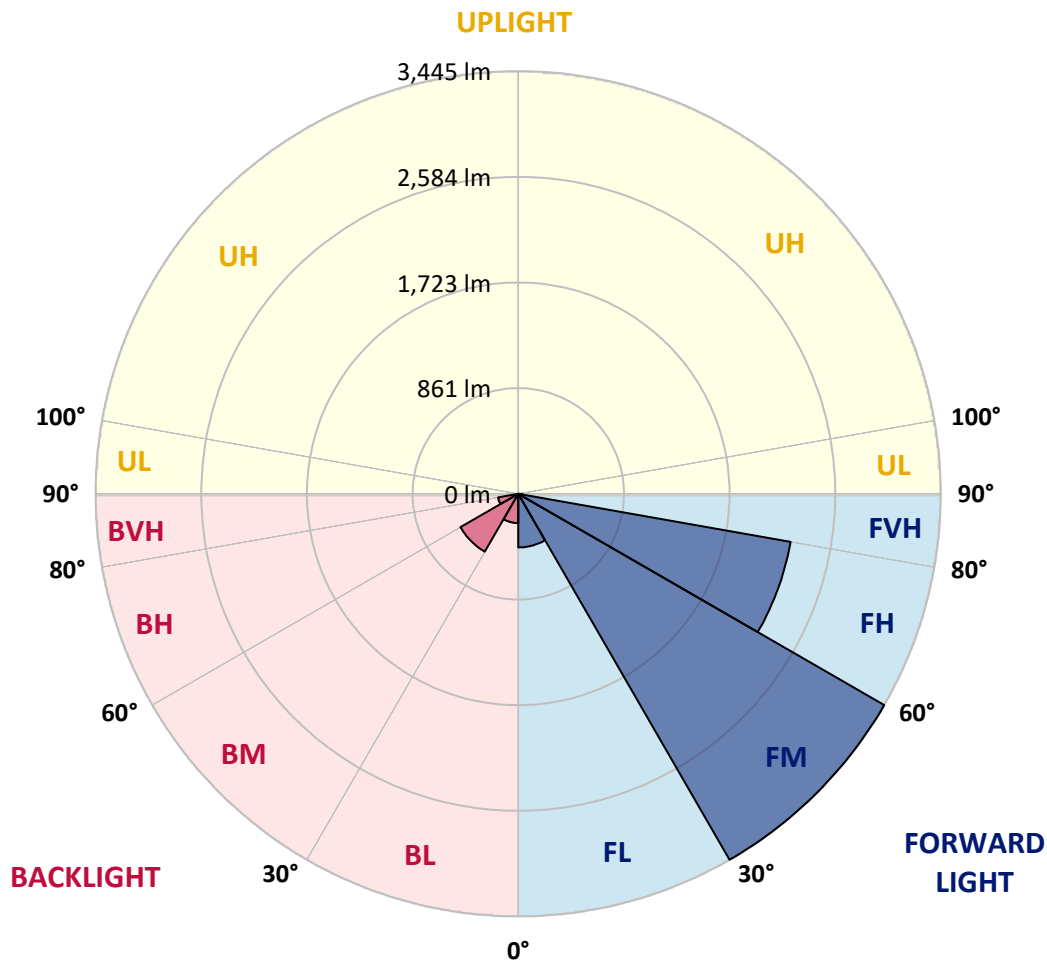
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	437.3	6.1			
FM (30°-60°)	3445.1	48.4			
FH (60°-80°)	2254.3	31.7			G2/5000
FVH (80°-90°)	31.9	0.4			G1/100
BL (0°-30°)	239.1	3.4	B1/500		
BM (30°-60°)	544.4	7.6	B1/1000		
BH (60°-80°)	167.1	2.3	B1/500		G1/500
BVH (80°-90°)	1.6	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2
2.5°	825.4	831.1	829.7	828.2	827.8	828.7	829.2	828.7	828.7	828.7
5°	809.6	814.4	814.4	817.7	822.5	828.2	832.5	833.5	834.5	835.9
7.5°	779.6	783.4	786.2	797.2	809.2	824.4	837.3	844.0	845.0	850.2
10°	759.0	763.8	768.6	780.0	797.2	820.1	842.1	858.3	860.7	873.1
12.5°	758.1	762.8	769.1	781.5	801.5	825.9	852.6	876.0	880.3	898.4
15°	768.1	773.8	779.6	794.8	816.3	845.9	874.6	903.7	908.0	933.7
17.5°	788.6	796.3	800.6	815.8	838.7	871.7	909.4	942.8	946.6	976.7
20°	829.2	838.3	839.7	852.1	874.6	909.9	954.8	996.3	1001.1	1035.4
22.5°	913.2	926.1	914.7	920.9	940.9	976.2	1024.9	1077.4	1084.1	1123.3
25°	1061.2	1079.3	1049.7	1039.2	1047.8	1084.6	1145.7	1212.1	1219.7	1251.2
27.5°	1351.9	1328.5	1283.7	1239.7	1214.0	1235.0	1303.7	1385.8	1395.4	1425.9
30°	1671.3	1650.8	1590.1	1492.8	1431.6	1428.3	1491.8	1583.5	1594.4	1623.6
32.5°	1991.1	1971.6	1905.7	1785.9	1679.9	1627.4	1671.3	1773.0	1778.7	1797.3
35°	2305.7	2285.7	2219.8	2097.1	1966.8	1847.4	1838.8	1953.4	1955.3	1974.9
37.5°	2622.2	2605.5	2535.3	2415.0	2286.6	2121.9	2042.2	2124.3	2126.7	2145.8
40°	2848.0	2855.2	2807.0	2713.9	2603.6	2423.6	2270.4	2306.2	2291.9	2323.9
42.5°	3041.8	3056.2	3014.1	2967.4	2903.4	2744.9	2553.0	2546.8	2523.9	2541.1
45°	3209.4	3221.3	3183.6	3172.6	3171.2	3060.0	2861.9	2824.6	2792.6	2789.3
47.5°	3271.0	3293.9	3310.1	3346.9	3418.5	3371.7	3181.2	3123.5	3087.7	3061.4
50°	3294.4	3318.7	3374.1	3481.0	3650.5	3670.5	3499.2	3434.2	3390.3	3342.6
52.5°	3262.9	3306.3	3380.8	3560.7	3806.6	3910.2	3804.2	3747.4	3697.3	3619.5
55°	3077.2	3120.6	3272.9	3559.8	3884.4	4078.2	4092.5	4067.2	4010.9	3888.2
57.5°	2685.7	2750.2	2991.2	3438.5	3883.0	4222.9	4375.1	4393.3	4330.3	4154.6
60°	2143.4	2230.8	2524.8	3169.8	3763.1	4301.2	4622.9	4713.6	4646.8	4417.2
62.5°	1495.6	1596.8	1875.1	2748.7	3489.1	4244.8	4803.8	4971.4	4920.8	4652.0
65°	912.3	944.7	1169.1	2163.0	3023.2	4009.0	4859.7	5110.8	5094.1	4795.7
67.5°	607.7	634.9	699.4	1483.2	2346.8	3537.8	4726.0	5086.4	5091.2	4772.3
70°	366.1	389.5	431.5	862.6	1520.9	2800.3	4312.1	4776.1	4803.8	4459.6
72.5°	150.9	166.6	204.8	391.0	787.7	1777.3	3433.8	4100.7	4165.1	3749.8
75°	85.5	93.6	120.3	196.2	341.8	828.2	2079.9	2911.0	3006.0	2584.5
77.5°	56.8	60.6	77.8	127.0	192.4	282.6	888.9	1516.6	1698.0	1411.6
80°	38.2	41.5	53.5	85.0	125.1	121.3	283.1	561.9	691.2	485.0
82.5°	25.8	26.3	38.2	55.9	79.2	58.7	83.5	174.7	219.6	140.3
85°	14.8	14.3	28.2	32.5	35.3	24.3	25.3	52.5	68.7	59.2
87.5°	1.9	2.9	11.0	8.6	4.8	5.3	5.3	9.1	13.4	14.3
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°
828.2	0°	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2	828.2
829.2	2.5°	829.2	828.7	827.3	825.9	822.5	820.6	821.6	820.6	820.1	820.6
835.4	5°	835.4	834.0	830.2	825.4	818.7	810.6	805.3	797.7	790.5	786.2
852.1	7.5°	852.1	850.7	845.4	832.1	810.6	776.7	745.7	718.4	697.9	686.0
878.8	10°	878.8	876.5	868.3	838.7	782.4	708.4	646.8	595.8	562.3	546.6
910.4	12.5°	910.4	907.5	893.2	832.5	729.0	613.4	528.5	471.6	440.6	426.8
946.6	15°	947.6	943.8	915.6	802.9	651.1	508.4	430.6	388.1	368.1	355.6
992.9	17.5°	993.9	987.2	932.3	758.5	566.6	428.2	370.4	338.5	320.8	308.9
1053.6	20°	1054.0	1043.1	945.7	705.6	488.8	377.6	329.9	303.1	289.8	279.3
1139.5	22.5°	1138.1	1122.3	961.9	648.3	433.9	342.8	299.8	280.2	269.2	257.3
1259.3	25°	1242.1	1223.5	982.0	595.3	396.2	312.7	277.8	261.6	248.7	234.9
1416.4	27.5°	1387.7	1354.3	1005.8	551.8	363.8	286.9	257.8	239.6	224.8	213.4
1594.4	30°	1550.0	1495.1	1026.8	525.6	334.2	263.0	231.5	213.4	199.5	191.4
1754.4	32.5°	1703.8	1629.3	1040.7	514.1	307.4	235.8	202.9	183.3	172.8	170.4
1910.9	35°	1848.9	1750.5	1039.2	503.2	283.6	208.6	174.7	154.7	146.6	148.0
2079.4	37.5°	2016.0	1879.9	1029.2	486.0	264.0	183.8	150.4	132.7	125.5	126.0
2284.2	40°	2210.2	2029.3	1023.0	453.5	242.5	160.9	130.3	116.0	110.8	108.8
2500.0	42.5°	2417.4	2174.0	1024.0	416.7	215.8	140.3	116.5	104.5	99.8	98.3
2740.1	45°	2625.6	2311.9	1025.4	378.6	187.6	124.6	106.5	96.4	93.6	91.7
2983.6	47.5°	2821.3	2429.4	998.7	337.5	159.9	112.7	98.3	91.7	89.3	86.9
3228.0	50°	3003.6	2507.7	934.2	289.8	138.0	103.1	92.1	87.4	85.0	82.6
3449.5	52.5°	3145.4	2520.1	827.8	240.6	122.7	96.0	88.3	84.0	81.2	78.8
3628.5	55°	3208.4	2442.3	676.4	194.8	110.8	89.7	84.5	80.2	76.9	74.5
3769.4	57.5°	3192.2	2278.5	527.5	156.6	99.3	83.5	79.7	76.9	73.0	69.2
3883.4	60°	3112.5	2059.4	397.7	130.3	88.8	76.9	74.5	72.1	66.8	61.1
3927.4	62.5°	2974.5	1784.0	283.6	107.9	77.3	69.2	68.3	66.4	58.7	48.2
3862.4	65°	2763.5	1449.3	191.0	89.7	66.4	60.6	61.1	57.8	47.7	35.8
3624.7	67.5°	2455.1	1059.8	122.2	73.5	55.4	50.6	51.1	49.2	40.6	30.6
3174.1	70°	2062.3	701.7	79.7	55.9	44.4	39.1	42.0	42.5	34.4	24.8
2436.0	72.5°	1511.8	414.4	55.9	41.5	32.5	27.2	34.4	35.3	27.7	18.6
1465.5	75°	861.7	196.7	42.0	30.1	20.0	19.1	26.7	26.7	19.1	12.4
634.4	77.5°	361.9	82.1	29.6	19.6	11.5	11.0	18.1	16.7	9.5	5.7
154.7	80°	104.5	36.8	15.8	9.5	4.8	4.3	7.2	5.3	2.4	1.0
58.7	82.5°	41.1	16.2	6.2	3.8	1.9	1.9	1.0	0.0	0.0	0.0
33.4	85°	24.3	6.7	2.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0
7.2	87.5°	6.2	1.4	1.0	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

(END O



180°
828.2
822.5
787.2
686.5
545.2
425.3
356.1
307.9
277.4
255.4
233.4
211.0
190.0
171.9
148.0
127.9
108.4
97.9
91.7
86.9
82.6
78.3
74.0
68.7
60.1
47.3
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