

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: P849267

Luminaire Tested: **GLAN-SB6B-722-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849267  
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-SB6B-722-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 450mA 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: 20942 lumens  
Efficiency: N/A  
Efficacy: 95.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G3

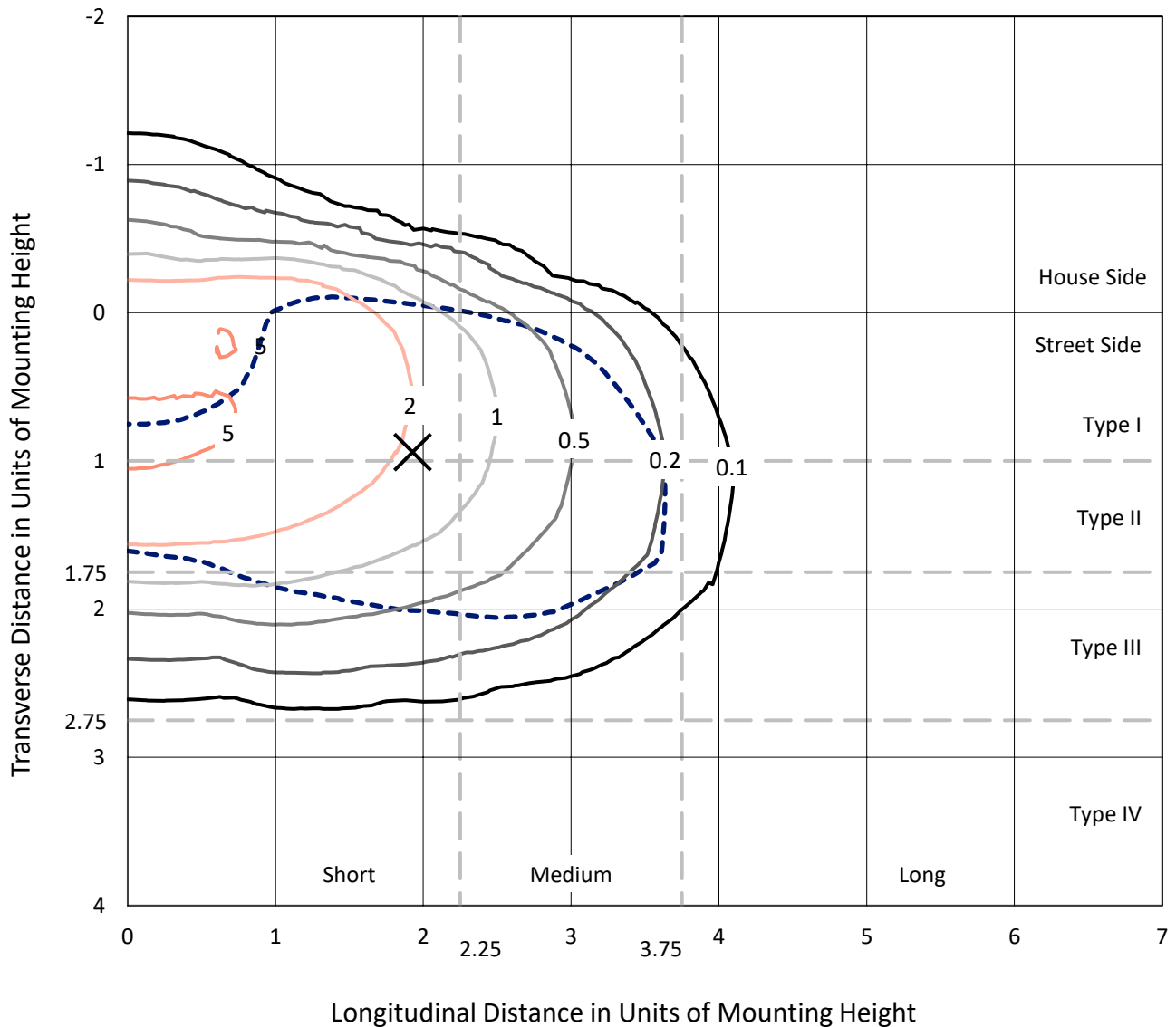
Input Watts (W): 220.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

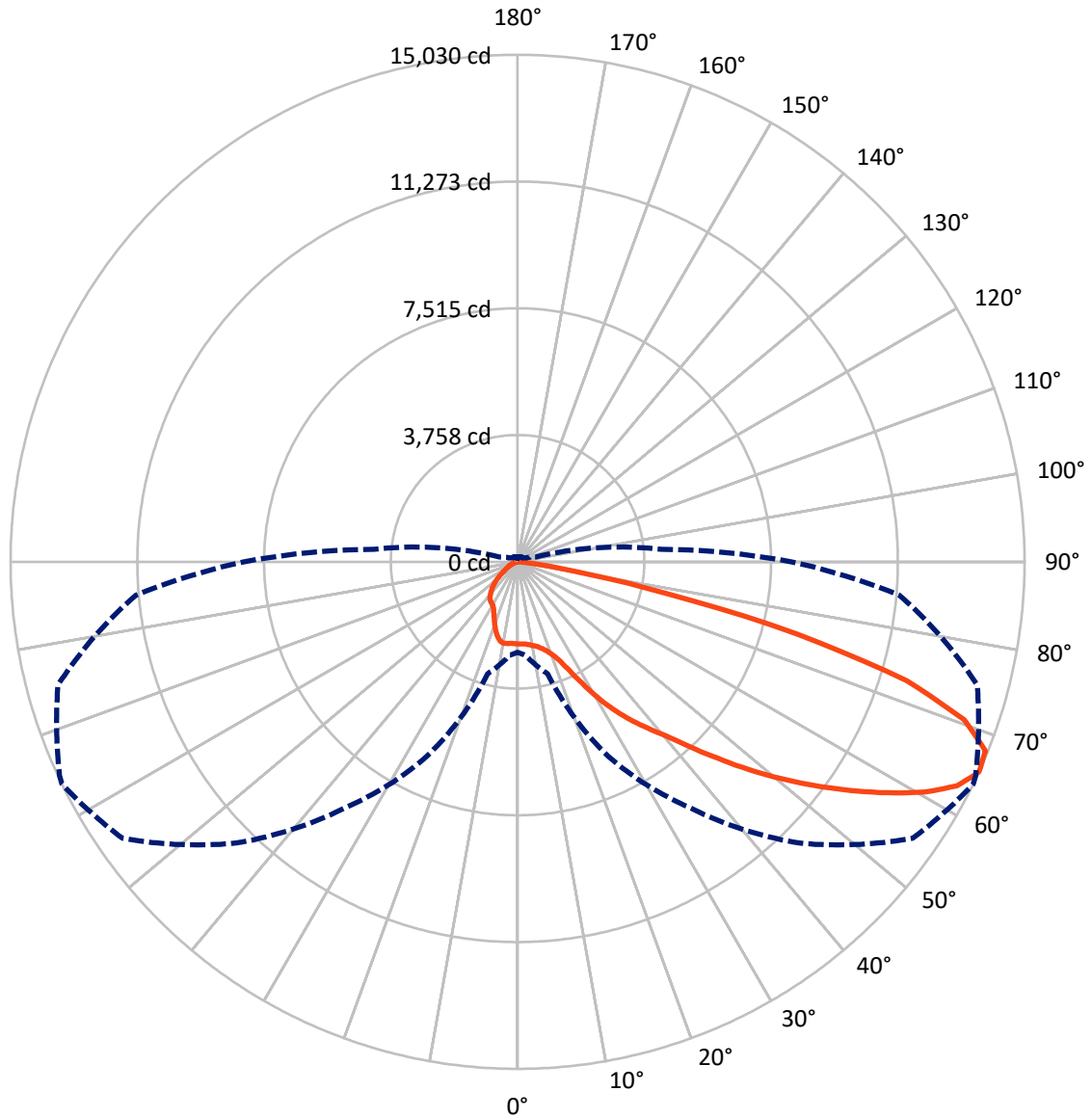
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 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	2800.6	0.0	2800.6
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	18141.4	0.0	18141.4
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	20942.0	0.0	20942.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	224.7	1.1
10°-20°	609.5	2.9
20°-30°	1155.0	5.5
30°-40°	2337.1	11.2
40°-50°	3981.3	19.0
50°-60°	5414.3	25.9
60°-70°	5084.3	24.3
70°-80°	2037.0	9.7
80°-90°	98.7	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°	20942.0	100.0
0°-180°	20942.0	100.0

**Coefficient of Utilization**



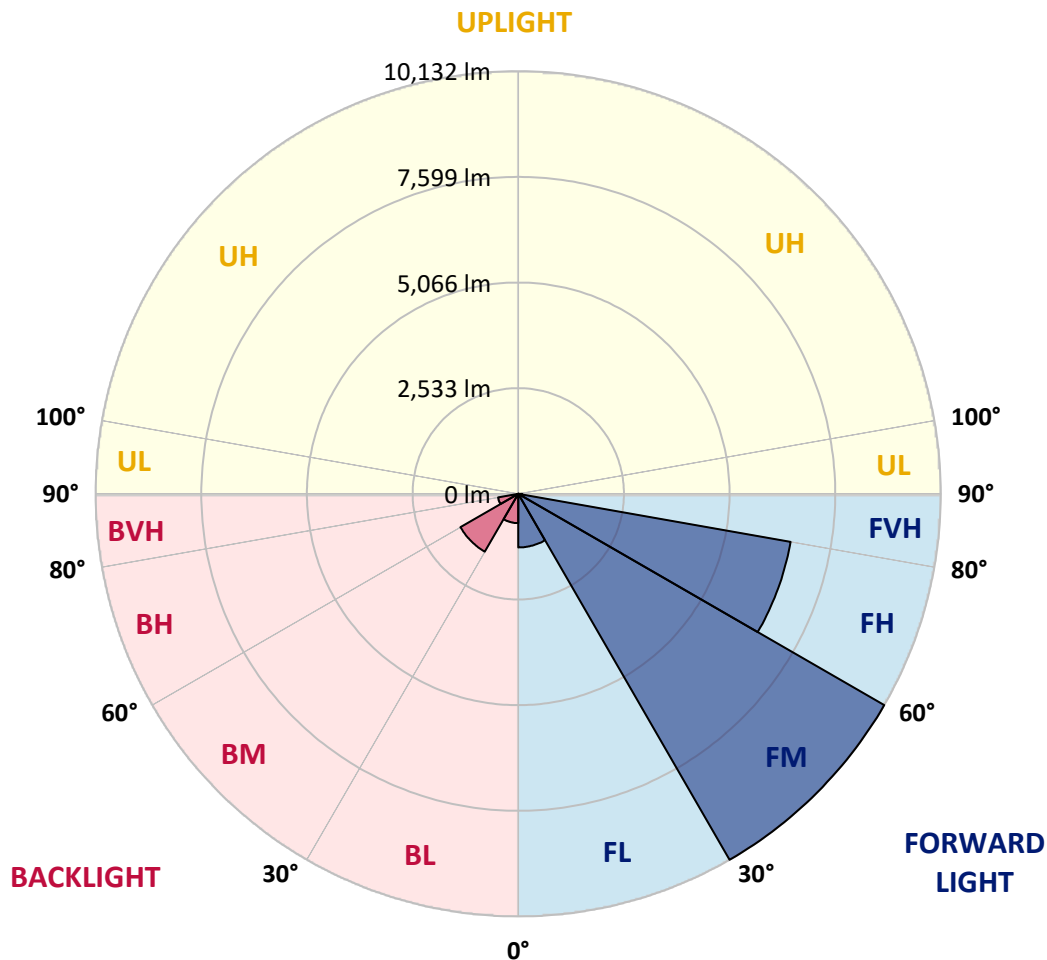
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1286.1	6.1			
FM (30°-60°)	10131.7	48.4			
FH (60°-80°)	6629.8	31.7			G3/7500
FVH (80°-90°)	93.9	0.4			G1/100
BL (0°-30°)	703.1	3.4	B2/1000		
BM (30°-60°)	1601.1	7.6	B2/2500		
BH (60°-80°)	491.5	2.3	B1/500		G1/500
BVH (80°-90°)	4.8	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8
2.5°	2427.3	2444.2	2440.0	2435.8	2434.4	2437.2	2438.6	2437.2	2437.2	2437.2
5°	2381.0	2395.1	2395.1	2404.9	2418.9	2435.8	2448.4	2451.2	2454.0	2458.2
7.5°	2292.6	2303.8	2312.2	2344.5	2379.6	2424.5	2462.4	2482.1	2484.9	2500.4
10°	2232.2	2246.2	2260.3	2294.0	2344.5	2411.9	2476.5	2524.2	2531.2	2567.7
12.5°	2229.4	2243.4	2261.7	2298.2	2357.2	2428.8	2507.4	2576.2	2588.8	2642.1
15°	2258.9	2275.7	2292.6	2337.5	2400.7	2487.7	2572.0	2657.6	2670.2	2746.0
17.5°	2319.2	2341.7	2354.3	2399.3	2466.7	2563.5	2674.4	2772.7	2783.9	2872.4
20°	2438.6	2465.3	2469.5	2506.0	2572.0	2675.8	2807.8	2929.9	2944.0	3045.1
22.5°	2685.7	2723.6	2689.9	2708.1	2767.1	2871.0	3014.2	3168.6	3188.3	3303.4
25°	3120.9	3174.2	3087.2	3056.3	3081.6	3189.7	3369.4	3564.5	3587.0	3679.6
27.5°	3975.9	3907.1	3775.1	3645.9	3570.1	3631.9	3834.1	4075.5	4103.6	4193.5
30°	4915.1	4854.7	4676.4	4390.0	4210.3	4200.5	4387.2	4656.7	4689.0	4774.7
32.5°	5855.7	5798.1	5604.4	5252.0	4940.3	4785.9	4915.1	5214.1	5230.9	5285.7
35°	6780.9	6721.9	6528.1	6167.3	5784.1	5433.1	5407.8	5744.8	5750.4	5807.9
37.5°	7711.6	7662.5	7456.1	7102.3	6724.7	6240.3	6005.9	6247.4	6254.4	6310.5
40°	8375.7	8396.7	8255.0	7981.2	7656.9	7127.6	6677.0	6782.3	6740.1	6834.2
42.5°	8945.7	8987.8	8864.2	8726.7	8538.5	8072.4	7508.1	7489.8	7422.4	7473.0
45°	9438.4	9473.5	9362.6	9330.3	9326.1	8999.0	8416.4	8306.9	8212.8	8203.0
47.5°	9619.5	9686.9	9734.7	9842.8	10053.4	9915.8	9355.6	9185.7	9080.4	9003.2
50°	9688.3	9759.9	9922.8	10237.3	10735.6	10794.6	10290.6	10099.7	9970.5	9830.1
52.5°	9595.7	9723.4	9942.4	10471.7	11194.7	11499.4	11187.7	11020.6	10873.2	10644.4
55°	9049.6	9177.3	9625.2	10468.9	11423.6	11993.5	12035.7	11961.3	11795.6	11434.8
57.5°	7898.4	8087.9	8796.9	10112.3	11419.3	12418.9	12866.8	12920.1	12734.8	12218.2
60°	6303.5	6560.4	7425.2	9321.9	11067.0	12649.2	13595.4	13862.1	13665.6	12990.3
62.5°	4398.4	4696.1	5514.5	8083.7	10261.1	12483.5	14127.5	14620.2	14471.4	13681.0
65°	2682.9	2778.3	3438.2	6361.1	8890.9	11790.0	14291.7	15030.2	14981.1	14103.6
67.5°	1787.2	1867.2	2056.7	4361.9	6901.6	10404.3	13898.6	14958.6	14972.6	14034.8
70°	1076.8	1145.6	1269.1	2536.9	4472.8	8235.3	12681.5	14046.1	14127.5	13115.3
72.5°	443.6	490.0	602.3	1149.8	2316.4	5226.7	10098.3	12059.5	12249.1	11027.7
75°	251.3	275.2	353.8	577.0	1005.2	2435.8	6116.8	8561.0	8840.4	7600.7
77.5°	167.1	178.3	228.8	373.4	565.8	831.1	2614.1	4460.2	4993.7	4151.3
80°	112.3	122.1	157.2	249.9	367.8	356.6	832.5	1652.4	2032.9	1426.4
82.5°	75.8	77.2	112.3	164.3	233.0	172.7	245.7	513.8	645.8	412.7
85°	43.5	42.1	82.8	95.5	103.9	71.6	74.4	154.4	202.2	174.1
87.5°	5.6	8.4	32.3	25.3	14.0	15.4	15.4	26.7	39.3	42.1
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°
2435.8	0°	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8	2435.8
2438.6	2.5°	2438.6	2437.2	2433.0	2428.8	2418.9	2413.3	2416.1	2413.3	2411.9	2413.3
2456.8	5°	2456.8	2452.6	2441.4	2427.3	2407.7	2383.8	2368.4	2345.9	2324.9	2312.2
2506.0	7.5°	2506.0	2501.8	2486.3	2447.0	2383.8	2284.2	2192.9	2112.9	2052.5	2017.4
2584.6	10°	2584.6	2577.6	2553.7	2466.7	2301.0	2083.4	1902.3	1752.1	1653.8	1607.5
2677.2	12.5°	2677.2	2668.8	2626.7	2448.4	2143.8	1804.0	1554.1	1387.1	1295.8	1255.1
2783.9	15°	2786.7	2775.5	2692.7	2361.4	1914.9	1495.2	1266.3	1141.4	1082.4	1045.9
2920.1	17.5°	2922.9	2903.3	2741.8	2230.8	1666.4	1259.3	1089.4	995.4	943.4	908.3
3098.4	20°	3099.8	3067.5	2781.1	2075.0	1437.6	1110.5	970.1	891.5	852.2	821.3
3351.1	22.5°	3346.9	3300.6	2828.9	1906.5	1276.1	1008.0	881.7	824.1	791.8	756.7
3703.5	25°	3653.0	3598.2	2887.8	1750.7	1165.2	919.6	817.1	769.3	731.4	690.7
4165.4	27.5°	4081.1	3982.9	2958.0	1622.9	1069.8	843.7	758.1	704.8	661.2	627.5
4689.0	30°	4558.5	4397.0	3019.8	1545.7	982.7	773.6	680.9	627.5	586.8	563.0
5159.3	32.5°	5010.5	4791.5	3060.5	1512.0	904.1	693.5	596.7	539.1	508.2	501.2
5619.8	35°	5437.3	5148.1	3056.3	1479.7	833.9	613.5	513.8	454.9	431.0	435.2
6115.4	37.5°	5928.7	5528.6	3026.8	1429.2	776.4	540.5	442.2	390.3	369.2	370.6
6717.7	40°	6500.1	5968.0	3008.6	1333.7	713.2	473.1	383.3	341.1	325.7	320.1
7352.2	42.5°	7109.4	6393.4	3011.4	1225.6	634.6	412.7	342.6	307.5	293.4	289.2
8058.4	45°	7721.5	6799.1	3015.6	1113.3	551.7	366.4	313.1	283.6	275.2	269.5
8774.4	47.5°	8297.1	7144.5	2937.0	992.6	470.3	331.3	289.2	269.5	262.5	255.5
9493.2	50°	8833.4	7374.7	2747.4	852.2	405.7	303.2	271.0	256.9	249.9	242.9
10144.6	52.5°	9250.3	7411.2	2434.4	707.6	360.8	282.2	259.7	247.1	238.7	231.6
10671.1	55°	9435.6	7182.4	1989.3	572.8	325.7	263.9	248.5	235.9	226.0	219.0
11085.2	57.5°	9387.9	6700.8	1551.3	460.5	292.0	245.7	234.5	226.0	214.8	203.6
11420.8	60°	9153.4	6056.4	1169.5	383.3	261.1	226.0	219.0	212.0	196.5	179.7
11549.9	62.5°	8747.7	5246.4	833.9	317.3	227.4	203.6	200.8	195.1	172.7	141.8
11359.0	65°	8127.2	4262.3	561.6	263.9	195.1	178.3	179.7	169.9	140.4	105.3
10659.8	67.5°	7220.3	3116.7	359.4	216.2	162.9	148.8	150.2	144.6	119.3	89.8
9334.6	70°	6064.9	2063.7	234.5	164.3	130.6	115.1	123.5	124.9	101.1	73.0
7164.1	72.5°	4446.2	1218.6	164.3	122.1	95.5	80.0	101.1	103.9	81.4	54.8
4310.0	75°	2534.0	578.4	123.5	88.4	59.0	56.2	78.6	78.6	56.2	36.5
1865.8	77.5°	1064.2	241.5	87.0	57.6	33.7	32.3	53.3	49.1	28.1	16.8
454.9	80°	307.5	108.1	46.3	28.1	14.0	12.6	21.1	15.4	7.0	2.8
172.7	82.5°	120.7	47.7	18.3	11.2	5.6	5.6	2.8	0.0	0.0	0.0
98.3	85°	71.6	19.7	8.4	4.2	1.4	0.0	0.0	0.0	0.0	0.0
21.1	87.5°	18.3	4.2	2.8	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

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180°
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2435.8
2418.9
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