

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: P849607

Luminaire Tested: **GLAN-SB6D-722-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849607  
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-SB6D-722-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 900mA 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: 37845 lumens  
Efficiency: N/A  
Efficacy: 86.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4

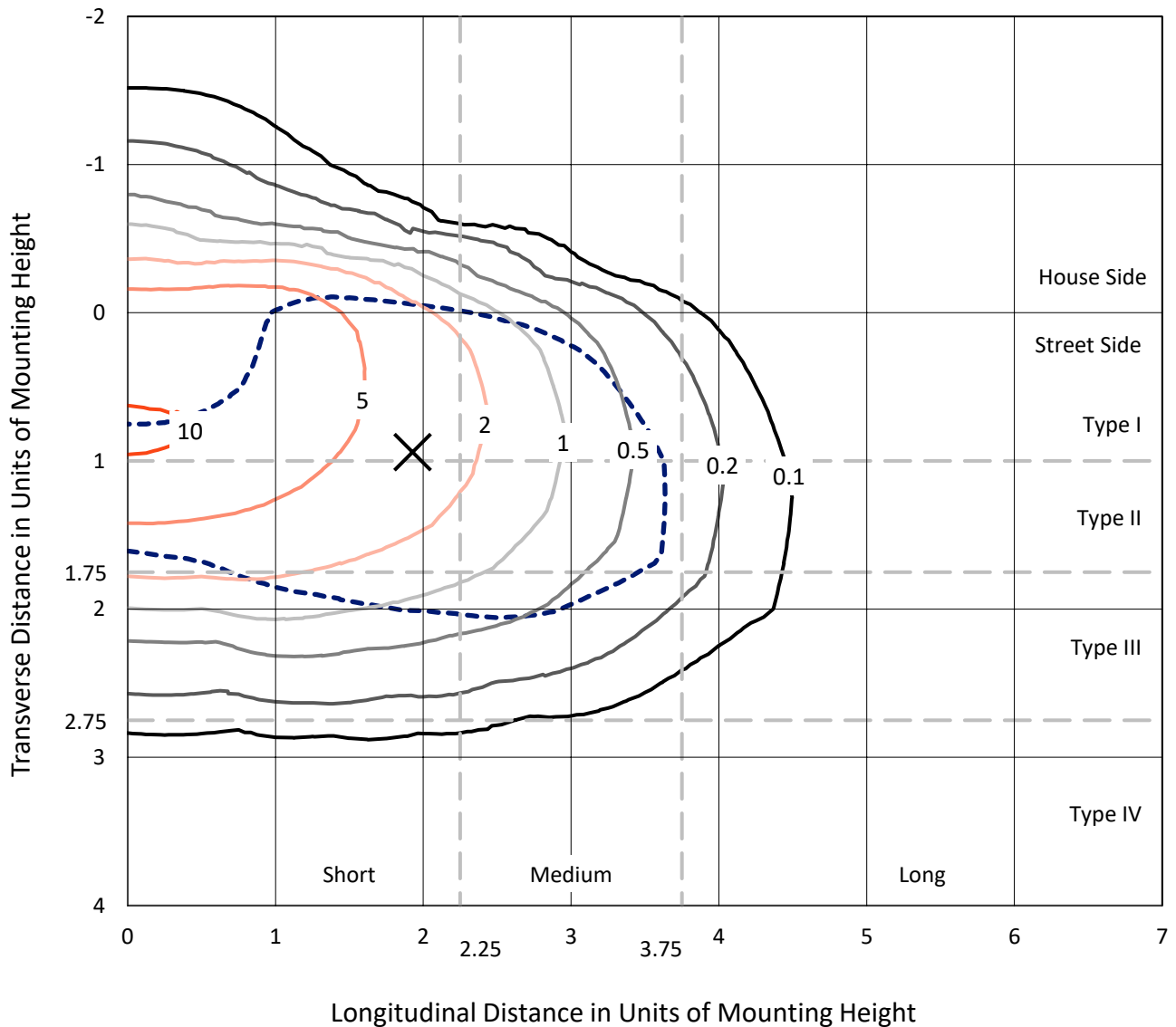
Input Watts (W): 440.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

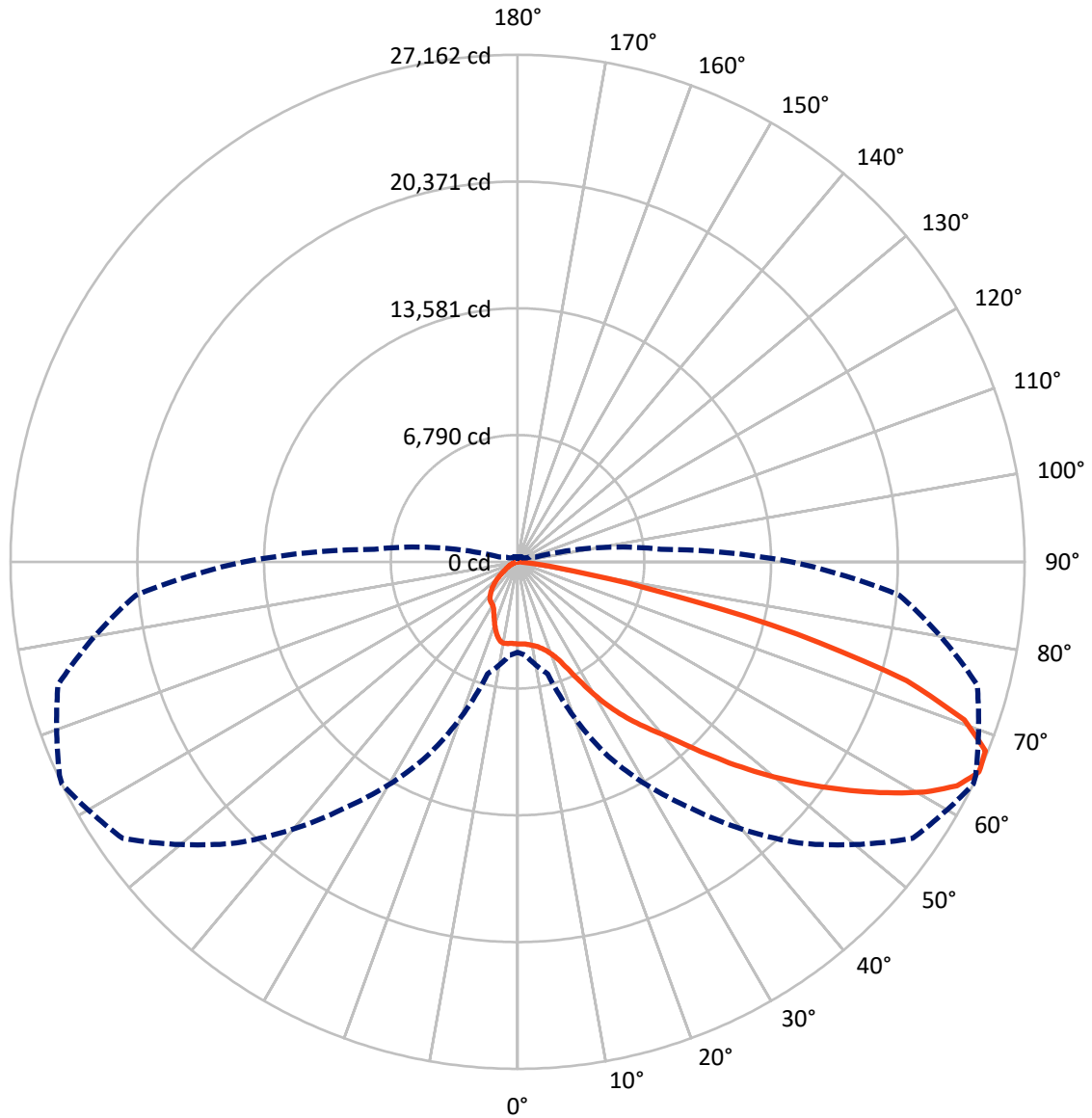
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 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	5061.0	0.0	5061.0
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	32784.0	0.0	32784.0
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	37845.0	0.0	37845.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	406.1	1.1
10°-20°	1101.5	2.9
20°-30°	2087.2	5.5
30°-40°	4223.5	11.2
40°-50°	7194.8	19.0
50°-60°	9784.4	25.9
60°-70°	9188.0	24.3
70°-80°	3681.1	9.7
80°-90°	178.3	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°	37845.0	100.0
0°-180°	37845.0	100.0

**Coefficient of Utilization**

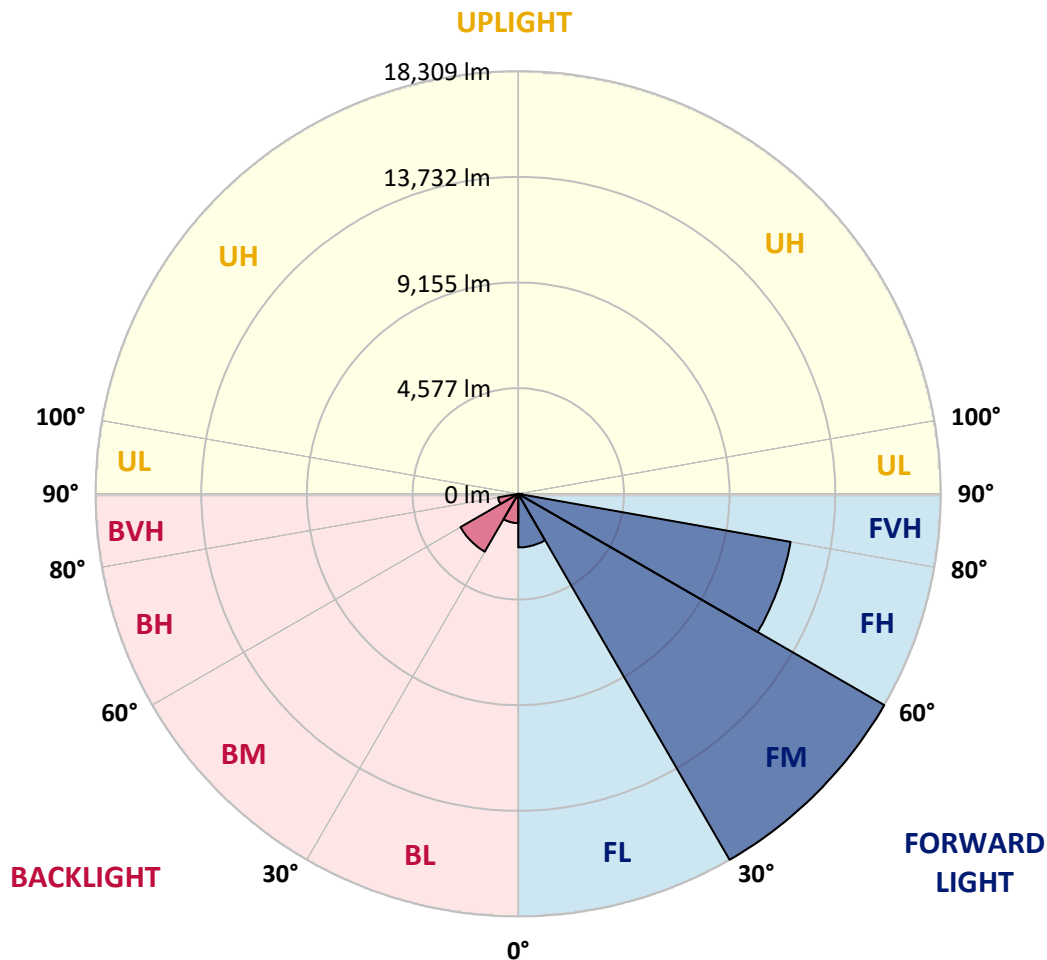


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2324.1	6.1			
FM (30°-60°)	18309.4	48.4			
FH (60°-80°)	11980.9	31.7			G4/12000
FVH (80°-90°)	169.6	0.4			G2/225
BL (0°-30°)	1270.7	3.4	B3/2500		
BM (30°-60°)	2893.4	7.6	B3/5000		
BH (60°-80°)	888.3	2.3	B2/1000		G2/1000
BVH (80°-90°)	8.7	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**  
 Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8
2.5°	4386.5	4417.0	4409.4	4401.8	4399.2	4404.3	4406.8	4404.3	4404.3	4404.3
5°	4302.8	4328.2	4328.2	4346.0	4371.3	4401.8	4424.6	4429.7	4434.7	4442.4
7.5°	4143.0	4163.3	4178.5	4236.9	4300.3	4381.5	4450.0	4485.5	4490.6	4518.5
10°	4033.9	4059.3	4084.6	4145.5	4236.9	4358.6	4475.3	4561.6	4574.3	4640.2
12.5°	4028.8	4054.2	4087.2	4153.1	4259.7	4389.1	4531.2	4655.5	4678.3	4774.7
15°	4082.1	4112.5	4143.0	4224.2	4338.3	4495.6	4647.9	4802.6	4825.5	4962.5
17.5°	4191.2	4231.8	4254.6	4335.8	4457.6	4632.6	4833.1	5010.7	5031.0	5190.8
20°	4406.8	4455.0	4462.7	4528.6	4647.9	4835.6	5074.1	5294.8	5320.2	5502.8
22.5°	4853.4	4921.9	4861.0	4894.0	5000.5	5188.2	5447.0	5726.1	5761.6	5969.7
25°	5639.8	5736.3	5579.0	5523.1	5568.8	5764.2	6088.9	6441.5	6482.1	6649.6
27.5°	7184.9	7060.6	6822.1	6588.7	6451.7	6563.3	6928.7	7365.0	7415.8	7578.1
30°	8882.2	8773.1	8450.9	7933.3	7608.6	7590.8	7928.3	8415.4	8473.7	8628.5
32.5°	10582.0	10478.0	10127.9	9491.1	8927.8	8648.8	8882.2	9422.6	9453.0	9552.0
35°	12253.9	12147.4	11797.2	11145.2	10452.6	9818.3	9772.7	10381.6	10391.7	10495.7
37.5°	13936.0	13847.2	13474.2	12834.9	12152.4	11277.1	10853.5	11289.8	11302.5	11404.0
40°	15136.0	15174.0	14917.8	14423.1	13837.0	12880.6	12066.2	12256.4	12180.3	12350.3
42.5°	16166.0	16242.1	16018.9	15770.2	15430.3	14588.0	13568.1	13535.1	13413.3	13504.7
45°	17056.5	17120.0	16919.5	16861.2	16853.6	16262.4	15209.6	15011.7	14841.7	14823.9
47.5°	17383.8	17505.6	17591.8	17787.2	18167.8	17919.1	16906.8	16599.9	16409.6	16270.0
50°	17508.1	17637.5	17931.8	18500.1	19400.8	19507.3	18596.5	18251.5	18018.1	17764.4
52.5°	17340.7	17571.5	17967.3	18923.8	20230.4	20780.9	20217.7	19915.8	19649.4	19235.8
55°	16353.8	16584.6	17394.0	18918.7	20643.9	21673.9	21750.1	21615.6	21316.2	20664.2
57.5°	14273.4	14615.9	15897.1	18274.3	20636.3	22442.7	23252.0	23348.4	23013.5	22079.9
60°	11391.3	11855.6	13418.4	16846.0	19999.5	22858.7	24568.7	25050.7	24695.6	23475.2
62.5°	7948.6	8486.4	9965.5	14608.3	18543.2	22559.4	25530.2	26420.7	26151.8	24723.5
65°	4848.3	5020.8	6213.2	11495.3	16067.1	21306.1	25827.1	27161.6	27072.8	25487.1
67.5°	3229.7	3374.3	3716.8	7882.6	12472.1	18802.0	25116.7	27032.2	27057.5	25362.8
70°	1945.9	2070.2	2293.5	4584.4	8083.0	14882.3	22917.1	25383.1	25530.2	23701.0
72.5°	801.7	885.4	1088.4	2077.8	4186.1	9445.4	18248.9	21793.2	22135.7	19928.5
75°	454.1	497.3	639.3	1042.7	1816.5	4401.8	11053.9	15470.9	15975.7	13735.5
77.5°	301.9	322.2	413.5	674.9	1022.4	1501.9	4724.0	8060.2	9024.3	7502.0
80°	203.0	220.7	284.1	451.6	664.7	644.4	1504.5	2986.1	3673.6	2577.6
82.5°	137.0	139.5	203.0	296.8	421.1	312.1	444.0	928.6	1167.0	745.9
85°	78.6	76.1	149.7	172.5	187.7	129.4	134.5	279.1	365.3	314.6
87.5°	10.1	15.2	58.4	45.7	25.4	27.9	27.9	48.2	71.0	76.1
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°
4401.8	0°	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8	4401.8
4406.8	2.5°	4406.8	4404.3	4396.7	4389.1	4371.3	4361.2	4366.2	4361.2	4358.6	4361.2
4439.8	5°	4439.8	4432.2	4411.9	4386.5	4351.0	4307.9	4280.0	4239.4	4201.3	4178.5
4528.6	7.5°	4528.6	4521.0	4493.1	4422.1	4307.9	4127.8	3962.9	3818.2	3709.2	3645.7
4670.7	10°	4670.7	4658.0	4614.9	4457.6	4158.2	3765.0	3437.7	3166.2	2988.6	2904.9
4838.1	12.5°	4838.1	4822.9	4746.8	4424.6	3874.1	3260.1	2808.5	2506.6	2341.7	2268.1
5031.0	15°	5036.0	5015.7	4866.0	4267.3	3460.5	2701.9	2288.4	2062.6	1956.1	1890.1
5277.0	17.5°	5282.1	5246.6	4954.8	4031.4	3011.5	2275.7	1968.7	1798.8	1704.9	1641.5
5599.2	20°	5601.8	5543.4	5025.9	3749.7	2597.9	2006.8	1753.1	1611.0	1540.0	1484.2
6055.9	22.5°	6048.3	5964.6	5112.1	3445.3	2306.2	1821.6	1593.3	1489.2	1430.9	1367.5
6692.7	25°	6601.4	6502.4	5218.7	3163.7	2105.7	1661.8	1476.6	1390.3	1321.8	1248.2
7527.4	27.5°	7375.2	7197.6	5345.5	2932.8	1933.2	1524.8	1370.0	1273.6	1194.9	1134.1
8473.7	30°	8237.8	7946.0	5457.2	2793.3	1775.9	1397.9	1230.5	1134.1	1060.5	1017.4
9323.6	32.5°	9054.7	8658.9	5530.7	2732.4	1633.9	1253.3	1078.2	974.2	918.4	905.7
10155.8	35°	9826.0	9303.3	5523.1	2674.0	1507.0	1108.7	928.6	822.0	778.9	786.5
11051.4	37.5°	10713.9	9990.9	5469.9	2582.7	1403.0	976.8	799.2	705.3	667.2	669.8
12139.7	40°	11746.5	10785.0	5436.9	2410.2	1288.8	855.0	692.6	616.5	588.6	578.4
13286.5	42.5°	12847.6	11553.7	5442.0	2214.8	1146.7	745.9	619.0	555.6	530.2	522.6
14562.6	45°	13953.7	12286.9	5449.6	2011.9	997.1	662.2	565.8	512.5	497.3	487.1
15856.5	47.5°	14993.9	12911.0	5307.5	1793.7	849.9	598.7	522.6	487.1	474.4	461.7
17155.5	50°	15963.1	13327.1	4965.0	1540.0	733.2	548.0	489.6	464.3	451.6	438.9
18332.7	52.5°	16716.6	13393.0	4399.2	1278.7	652.0	509.9	469.4	446.5	431.3	418.6
19284.1	55°	17051.5	12979.5	3595.0	1035.1	588.6	477.0	449.1	426.2	408.5	395.8
20032.5	57.5°	16965.2	12109.3	2803.4	832.1	527.7	444.0	423.7	408.5	388.2	367.9
20638.8	60°	16541.5	10944.8	2113.4	692.6	471.9	408.5	395.8	383.1	355.2	324.7
20872.2	62.5°	15808.3	9480.9	1507.0	573.4	411.0	367.9	362.8	352.6	312.1	256.2
20527.2	65°	14686.9	7702.5	1014.8	477.0	352.6	322.2	324.7	307.0	253.7	190.3
19263.8	67.5°	13048.0	5632.2	649.5	390.7	294.3	268.9	271.5	261.3	215.6	162.4
16868.8	70°	10960.0	3729.5	423.7	296.8	235.9	208.0	223.3	225.8	182.7	131.9
12946.5	72.5°	8034.8	2202.2	296.8	220.7	172.5	144.6	182.7	187.7	147.1	98.9
7788.7	75°	4579.4	1045.3	223.3	159.8	106.6	101.5	142.1	142.1	101.5	66.0
3371.7	77.5°	1923.1	436.4	157.3	104.0	60.9	58.4	96.4	88.8	50.7	30.4
822.0	80°	555.6	195.4	83.7	50.7	25.4	22.8	38.1	27.9	12.7	5.1
312.1	82.5°	218.2	86.3	33.0	20.3	10.1	10.1	5.1	0.0	0.0	0.0
177.6	85°	129.4	35.5	15.2	7.6	2.5	0.0	0.0	0.0	0.0	0.0
38.1	87.5°	33.0	7.6	5.1	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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<u>180°</u>
4401.8
4371.3
4183.6
3648.3
2897.3
2260.5
1892.6
1636.4
1474.0
1357.3
1240.6
1121.4
1009.7
913.3
786.5
679.9
575.9
520.1
487.1
461.7
438.9
416.1
393.2
365.3
319.7
251.2
185.2
154.8
126.9
93.9
60.9
30.4
5.1
0.0
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