

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: P847525

Luminaire Tested: **GLAN-SB3C-930-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847525
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-930-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11070 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

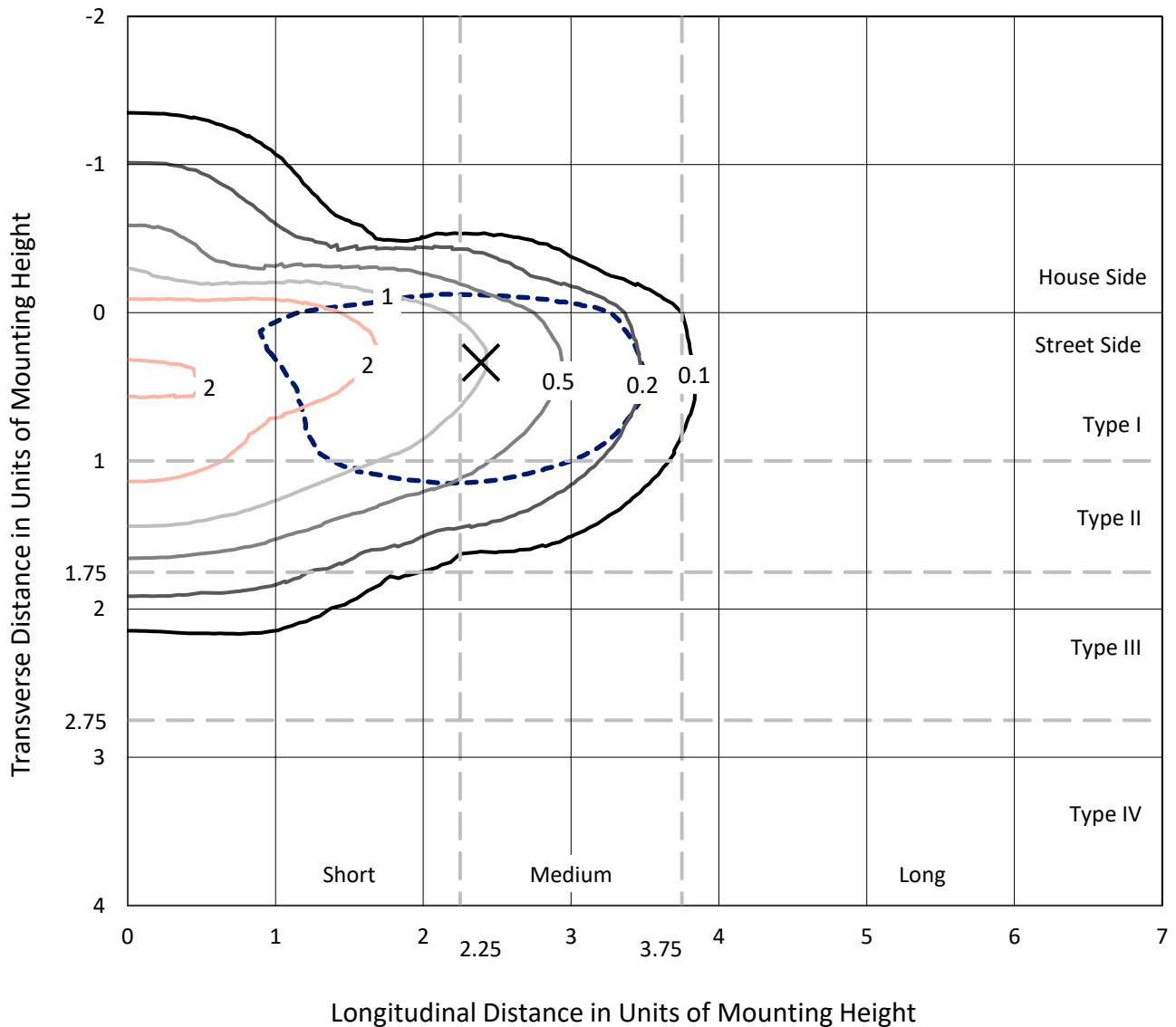
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

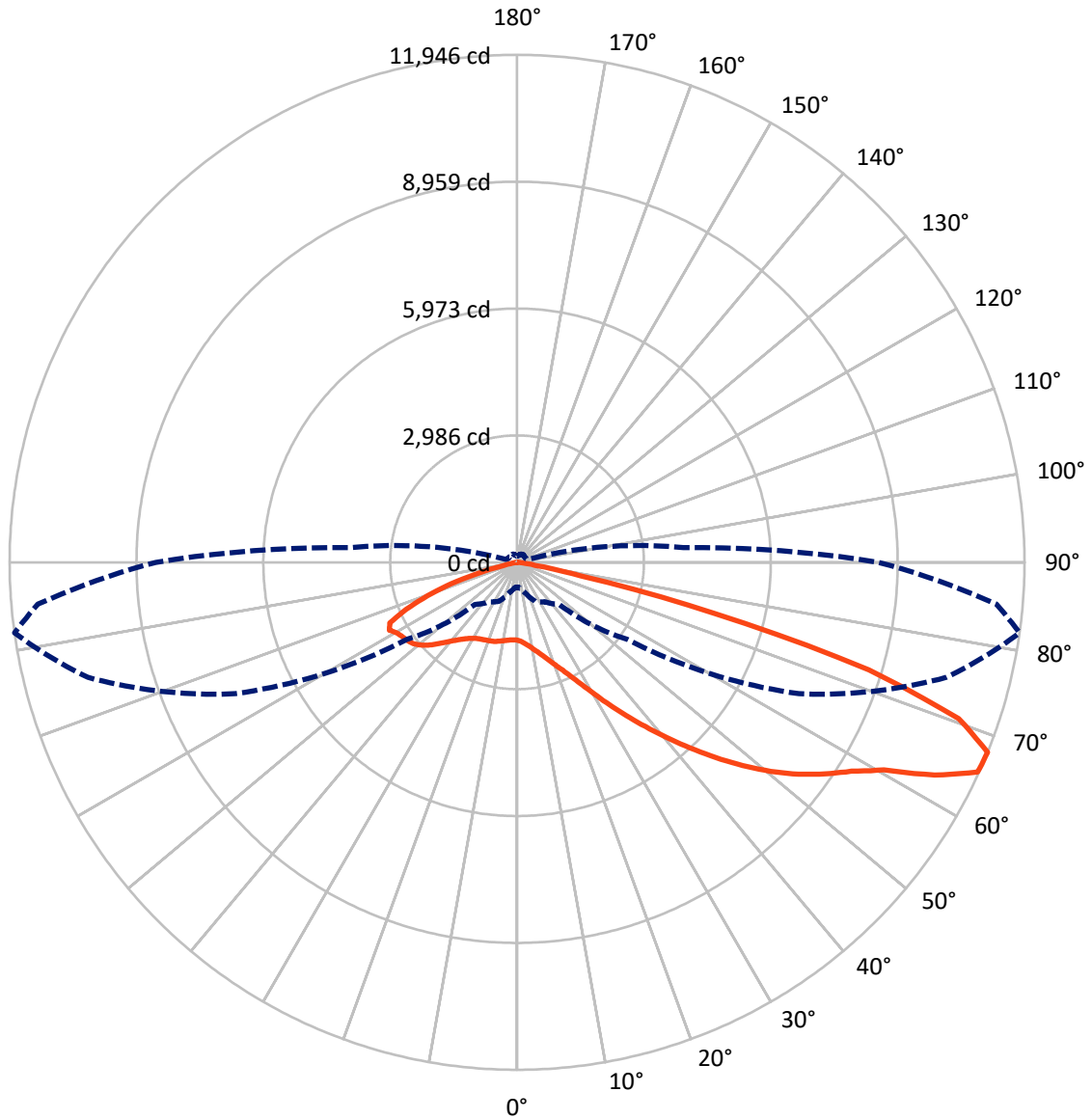
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2005.2	0.0	2005.2
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	9064.8	0.0	9064.8
	% Fixture	81.9	0.0	81.9
Total	Lumens	11070.0	0.0	11070.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.4	1.5
10°-20°	424.6	3.8
20°-30°	680.0	6.1
30°-40°	1202.5	10.9
40°-50°	2106.9	19.0
50°-60°	2810.1	25.4
60°-70°	2616.0	23.6
70°-80°	1004.0	9.1
80°-90°	62.4	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°	11070.0	100.0
0°-180°	11070.0	100.0

Coefficient of Utilization

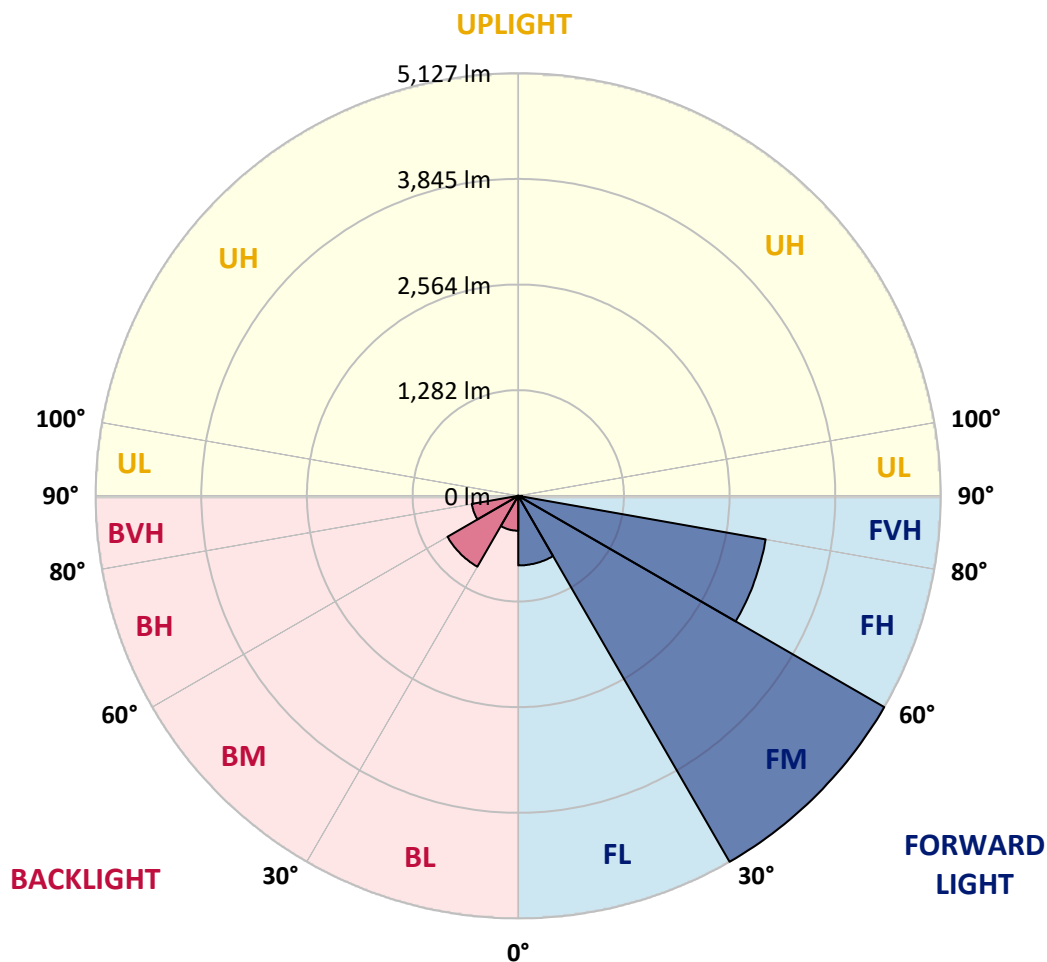


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	844.5	7.6			
FM (30°-60°)	5127.2	46.3			
FH (60°-80°)	3047.7	27.5			G2/5000
FVH (80°-90°)	45.3	0.4			G1/100
BL (0°-30°)	423.5	3.8	B1/500		
BM (30°-60°)	992.4	9.0	B1/1000		
BH (60°-80°)	572.3	5.2	B2/1000		G2/1000
BVH (80°-90°)	17.0	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9
2.5°	1938.3	1949.5	1943.1	1939.9	1934.3	1926.4	1920.0	1900.1	1879.4	1865.8
5°	1977.4	1988.5	1987.7	1990.9	1994.9	1997.3	1995.7	1973.4	1943.9	1920.8
7.5°	1943.9	1956.7	1967.0	1983.0	2010.9	2040.4	2054.7	2049.9	2019.6	1987.7
10°	1849.1	1862.6	1887.3	1924.8	1983.8	2047.5	2100.9	2125.6	2106.5	2071.4
12.5°	1675.3	1688.9	1737.5	1818.8	1917.6	2028.4	2130.4	2196.6	2201.3	2166.3
15°	1480.1	1493.6	1545.4	1647.4	1798.1	1975.8	2146.4	2271.5	2313.7	2283.4
17.5°	1358.9	1370.9	1409.9	1492.0	1649.0	1870.6	2140.8	2351.2	2447.6	2423.7
20°	1322.2	1332.6	1350.9	1408.3	1539.0	1761.4	2104.1	2426.1	2591.9	2578.3
22.5°	1361.3	1370.9	1376.4	1401.9	1484.0	1689.7	2057.9	2502.6	2759.3	2760.8
25°	1451.4	1460.9	1454.5	1470.5	1506.4	1667.3	2040.4	2592.7	2969.7	2987.2
27.5°	1599.6	1600.4	1585.3	1584.5	1590.0	1700.8	2058.7	2689.1	3235.1	3267.7
30°	1896.9	1884.9	1826.8	1763.8	1735.1	1801.2	2109.7	2803.1	3548.3	3606.5
32.5°	2355.2	2337.6	2230.8	2080.2	1928.8	1963.0	2201.3	2933.0	3889.4	3994.6
35°	2852.5	2847.7	2736.1	2512.2	2247.6	2193.4	2350.4	3103.6	4261.6	4429.0
37.5°	3314.8	3312.4	3248.6	2984.8	2662.8	2514.6	2589.5	3326.7	4660.1	4902.4
40°	3737.2	3744.4	3680.6	3444.7	3120.3	2926.6	2914.7	3602.5	5103.3	5418.1
42.5°	4102.2	4110.2	4045.6	3871.1	3572.2	3382.5	3314.0	3940.4	5536.0	5972.0
45°	4350.1	4399.5	4389.9	4250.5	4036.1	3839.2	3793.8	4364.4	6029.4	6559.4
47.5°	4420.2	4465.7	4537.4	4556.5	4425.8	4232.1	4286.3	4875.3	6528.3	7147.6
50°	4247.3	4289.5	4438.6	4637.0	4727.9	4668.1	4765.3	5422.9	7039.2	7734.2
52.5°	3906.2	3949.2	4137.3	4451.3	4821.9	5010.0	5245.9	5962.4	7534.2	8289.7
55°	3412.8	3458.2	3699.7	4055.2	4642.6	5151.1	5646.8	6501.2	7987.7	8789.4
57.5°	2741.7	2775.2	3026.3	3523.6	4191.5	5010.8	5942.5	7089.4	8414.9	9280.4
60°	1786.9	1816.4	2108.1	2662.8	3443.9	4542.2	6001.5	7745.4	8982.3	9918.8
62.5°	1188.3	1208.3	1381.2	1788.5	2425.3	3642.3	5656.4	8269.0	9814.4	11029.8
65°	815.3	835.3	1008.2	1292.0	1566.9	2409.4	4664.1	8199.7	10568.4	11912.1
67.5°	581.8	598.6	745.2	1013.0	1134.1	1399.6	3161.7	7313.4	10460.0	11945.6
70°	416.8	426.4	547.5	789.0	901.4	840.8	1758.2	5593.4	9158.5	11030.6
72.5°	291.7	294.9	380.2	600.9	726.1	613.7	836.9	3729.2	6926.8	8657.9
75°	197.7	201.6	255.8	440.7	582.6	468.6	443.1	1999.7	4066.4	4792.4
77.5°	121.1	122.7	165.0	301.3	436.0	357.1	285.3	847.2	1573.3	1544.6
80°	68.5	68.5	105.2	187.3	297.3	230.3	200.0	360.2	498.1	437.6
82.5°	38.3	39.1	76.5	116.4	196.9	136.3	110.0	166.6	215.2	190.5
85°	15.9	17.5	47.0	55.0	94.0	67.7	44.6	70.1	79.7	70.9
87.5°	1.6	2.4	14.3	10.4	11.2	13.5	6.4	13.5	11.2	11.2
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°
1833.9	0°	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9	1833.9
1861.0	2.5°	1845.9	1833.9	1803.6	1768.6	1722.3	1700.0	1669.7	1649.0	1631.5	1633.1
1907.2	5°	1881.7	1851.5	1783.7	1699.2	1594.0	1519.1	1439.4	1384.4	1339.8	1330.2
1971.0	7.5°	1931.2	1883.3	1764.6	1612.4	1434.6	1299.9	1179.6	1102.3	1047.3	1029.7
2048.3	10°	1994.9	1925.6	1739.9	1503.2	1247.3	1076.0	946.9	886.3	848.8	836.1
2139.2	12.5°	2069.0	1974.2	1707.2	1370.1	1054.4	889.5	807.4	777.1	765.1	761.1
2250.8	15°	2162.3	2034.8	1657.8	1212.3	891.1	775.5	740.4	736.4	738.0	736.4
2384.7	17.5°	2273.1	2100.9	1577.3	1049.7	781.1	717.3	704.6	707.7	711.7	710.9
2534.5	20°	2394.2	2166.3	1474.5	905.4	706.2	675.9	668.7	671.9	675.1	673.5
2707.4	22.5°	2532.1	2236.4	1360.5	793.0	655.9	637.6	629.6	630.4	630.4	627.2
2926.6	25°	2697.1	2313.7	1240.9	713.3	617.7	603.3	593.8	590.6	585.8	576.2
3192.8	27.5°	2894.0	2395.8	1126.2	657.5	587.4	573.8	562.7	554.7	542.8	526.8
3512.4	30°	3115.5	2495.4	1028.9	622.5	563.5	549.9	537.2	525.2	507.7	487.8
3879.9	32.5°	3376.1	2602.2	958.0	599.4	542.0	527.6	512.5	498.1	479.0	459.1
4292.7	35°	3687.0	2731.4	916.6	583.4	525.2	506.1	489.4	473.4	459.1	441.5
4741.4	37.5°	4024.1	2868.4	903.8	575.4	514.1	484.6	465.5	454.3	452.7	442.3
5226.8	40°	4393.1	3031.0	913.4	570.7	502.1	463.9	443.1	440.7	444.7	426.4
5745.7	42.5°	4783.7	3223.9	929.3	565.1	485.4	443.1	423.2	423.2	420.0	394.5
6294.0	45°	5206.1	3446.3	945.3	551.5	465.5	422.4	407.3	401.7	388.1	363.4
6845.5	47.5°	5631.7	3672.6	957.2	526.8	441.5	404.9	391.3	378.6	358.7	336.3
7386.7	50°	6035.8	3875.9	944.5	490.2	414.4	388.1	373.8	356.3	334.7	319.6
7899.2	52.5°	6396.8	4052.0	890.3	447.1	385.8	370.6	357.9	339.5	322.0	306.1
8361.5	55°	6710.8	4194.7	794.6	406.5	360.2	355.5	342.7	319.6	295.7	282.1
8819.7	57.5°	7012.1	4303.1	675.1	373.0	337.1	338.7	319.6	298.9	276.6	262.2
9437.4	60°	7413.0	4448.1	553.9	341.9	312.4	317.2	296.5	281.3	253.4	235.1
10496.6	62.5°	8053.8	4673.7	440.0	303.7	283.7	285.3	276.6	258.2	224.8	203.2
11281.7	65°	8562.3	4590.8	346.7	262.2	251.1	253.4	253.4	233.5	197.7	173.0
11323.9	67.5°	8504.9	3930.9	276.6	221.6	220.0	221.6	227.1	210.4	175.3	155.4
10461.6	70°	7834.6	3126.7	221.6	184.1	191.3	187.3	203.2	192.1	157.8	137.9
8110.4	72.5°	6392.8	2252.4	169.0	152.2	146.7	153.0	183.3	173.0	131.5	109.2
4295.9	75°	3735.6	1201.9	125.9	120.3	106.0	127.5	162.6	147.4	100.4	80.5
1316.7	77.5°	1216.2	419.2	92.5	88.5	78.9	102.8	138.7	124.3	82.1	63.8
385.8	80°	326.0	126.7	63.0	58.2	51.0	76.5	110.0	98.8	59.0	41.4
165.8	82.5°	130.7	53.4	36.7	32.7	27.9	52.6	86.9	79.7	43.8	26.3
51.8	85°	42.2	17.5	13.5	10.4	12.8	32.7	51.8	54.2	31.1	13.5
8.0	87.5°	5.6	2.4	2.4	3.2	2.4	5.6	15.9	15.1	8.8	1.6
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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1833.9
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