

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: P948667

Luminaire Tested: **GLAN-SB3C-927-U-T2U-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948667
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-927-U-T2U-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II U
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10453 lumens
Efficiency: N/A
Efficacy: 70.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - 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



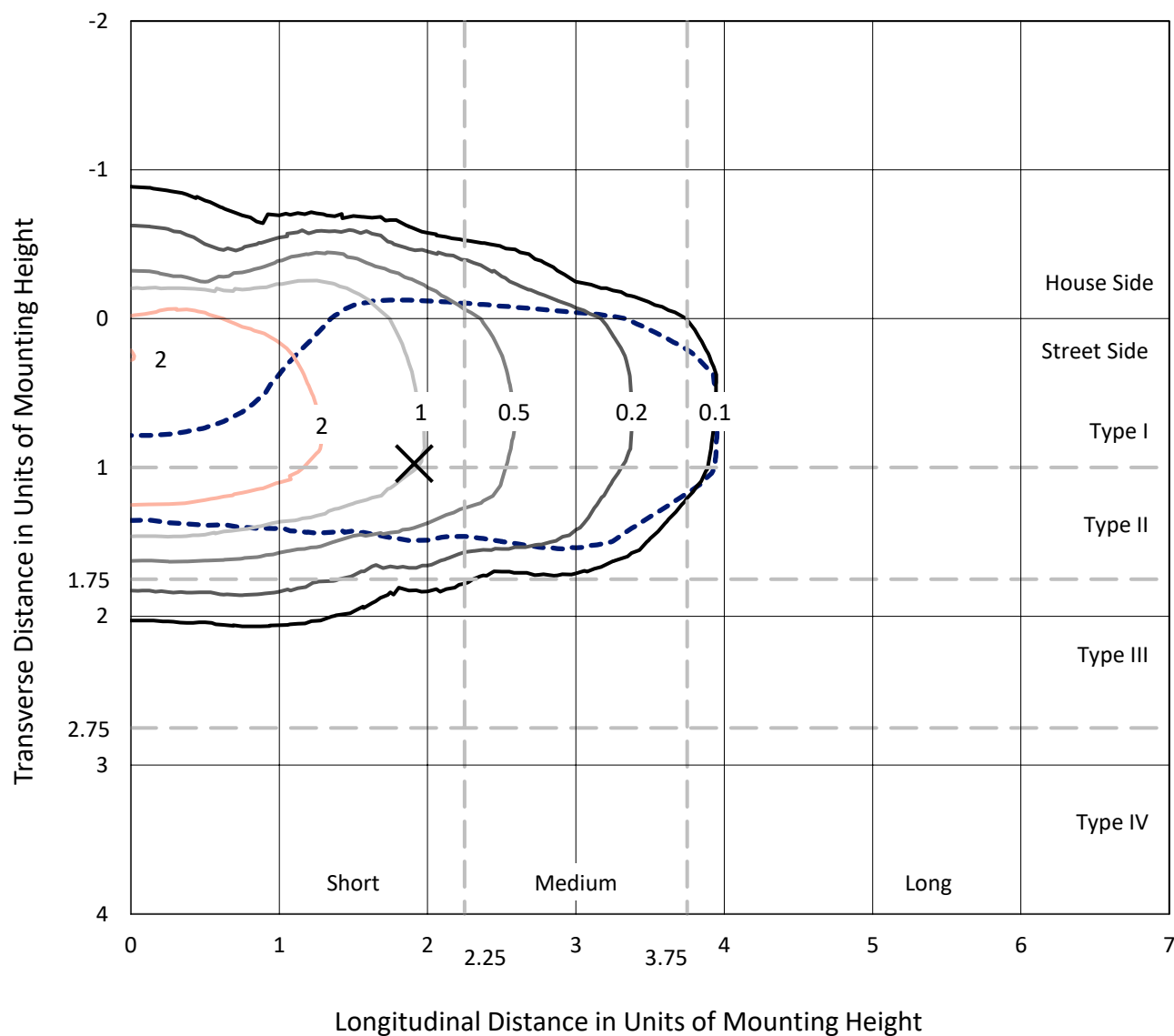
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

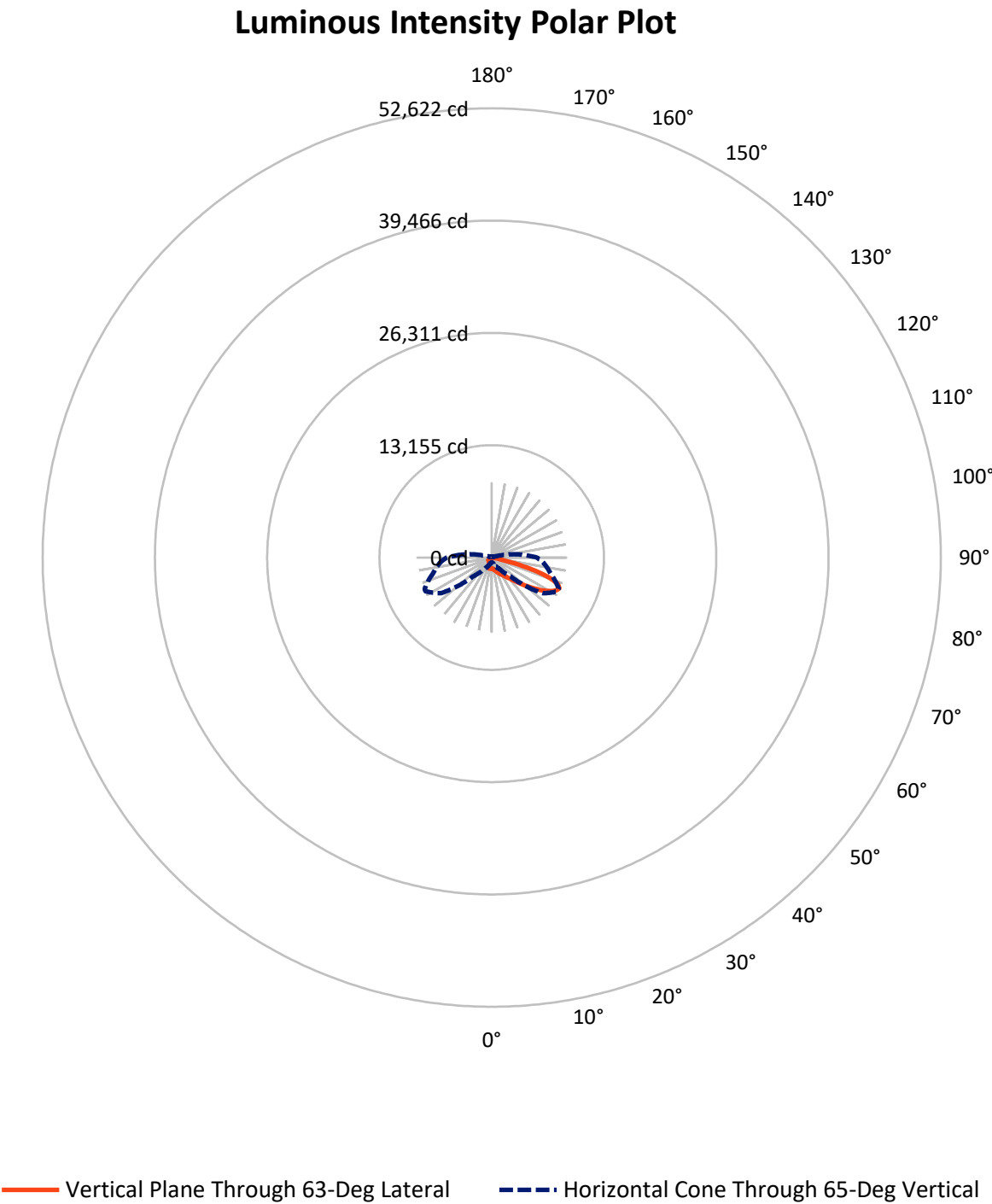
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.5 fc

Type II - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1536.5	0.0	1536.5
	% Fixture	14.7	0.0	14.7
Street Side	Lumens	8916.5	0.0	8916.5
	% Fixture	85.3	0.0	85.3
Total	Lumens	10453.0	0.0	10453.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.6	1.2
10°-20°	337.3	3.2
20°-30°	587.3	5.6
30°-40°	1058.5	10.1
40°-50°	2099.3	20.1
50°-60°	2859.6	27.4
60°-70°	2282.5	21.8
70°-80°	1032.9	9.9
80°-90°	74.2	0.7
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°	10453.0	100.0
0°-180°	10453.0	100.0

Coefficient of Utilization



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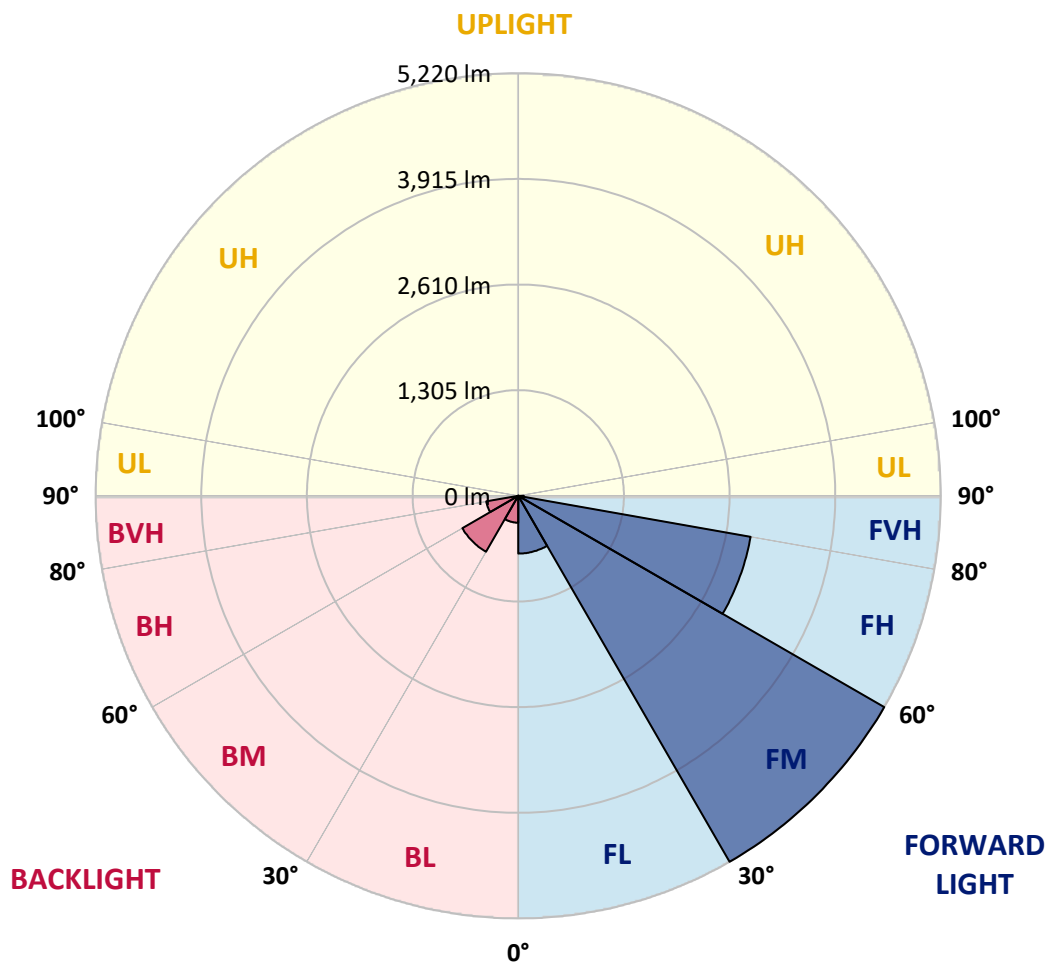
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	713.5	6.8			
FM	(30°-60°)	5220.0	49.9			
FH	(60°-80°)	2914.2	27.9			G2/5000
FVH	(80°-90°)	68.7	0.7			G1/100
BL	(0°-30°)	332.5	3.2	B1/500		
BM	(30°-60°)	797.4	7.6	B1/1000		
BH	(60°-80°)	401.1	3.8	B1/500		G1/500
BVH	(80°-90°)	5.5	0.1			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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°
0°	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1
2.5°	1320.3	1316.7	1321.7	1319.6	1318.1	1315.3	1313.8	1312.4	1309.5	1307.4
5°	1323.9	1321.7	1326.8	1331.1	1335.4	1339.7	1341.9	1344.8	1341.9	1336.1
7.5°	1293.7	1292.3	1303.0	1316.0	1335.4	1351.9	1369.9	1380.0	1380.7	1378.5
10°	1291.5	1287.9	1298.7	1314.5	1339.7	1369.2	1400.8	1422.4	1425.3	1434.6
12.5°	1325.3	1321.7	1336.8	1354.1	1380.0	1410.9	1449.7	1479.9	1484.3	1497.2
15°	1382.1	1377.1	1394.4	1416.7	1449.7	1485.0	1526.0	1553.3	1556.9	1572.7
17.5°	1448.3	1443.3	1463.4	1487.1	1523.1	1571.3	1618.7	1648.9	1653.3	1663.3
20°	1533.2	1526.7	1542.5	1564.1	1602.2	1659.7	1716.5	1759.7	1759.0	1759.0
22.5°	1631.7	1621.6	1635.3	1652.5	1688.5	1758.2	1833.8	1884.8	1884.8	1864.7
25°	1737.4	1727.3	1742.4	1758.2	1789.9	1869.0	1957.4	2020.7	2023.6	1989.1
27.5°	1869.7	1856.8	1868.3	1887.0	1905.7	1986.2	2091.2	2164.5	2166.0	2112.8
30°	2124.3	2087.6	2051.6	2031.5	2040.1	2120.0	2232.1	2313.4	2320.6	2247.2
32.5°	2590.3	2583.1	2456.5	2291.1	2204.8	2263.8	2389.6	2487.4	2491.7	2397.5
35°	3314.4	3305.8	3102.3	2787.3	2506.1	2456.5	2580.9	2696.7	2693.8	2587.4
37.5°	4178.8	4170.9	3902.7	3481.3	3026.0	2747.7	2827.6	2949.1	2967.1	2827.6
40°	4917.3	4887.8	4718.1	4311.8	3716.4	3231.0	3178.5	3259.0	3277.7	3112.3
42.5°	5476.8	5451.6	5365.3	5111.5	4552.0	3945.8	3592.0	3622.9	3643.8	3445.3
45°	5766.6	5760.9	5795.4	5771.6	5403.5	4823.1	4183.1	4054.4	4062.3	3814.2
47.5°	5807.6	5804.7	5962.2	6185.1	6135.5	5812.6	4941.8	4592.3	4564.2	4230.6
50°	5566.0	5560.2	5862.2	6280.1	6624.5	6643.9	5803.3	5198.5	5136.7	4661.3
52.5°	4794.4	4792.9	5289.1	5984.5	6796.4	7371.7	6654.7	5864.4	5760.9	5117.2
55°	3689.1	3715.7	4284.5	5106.5	6482.8	7721.9	7419.1	6603.7	6444.7	5576.0
57.5°	2613.3	2652.1	3214.5	3946.5	5510.6	7514.8	7936.2	7344.4	7173.2	6033.4
60°	1403.7	1438.2	2001.3	2875.0	4099.7	6742.5	8208.7	7987.2	7825.4	6467.7
62.5°	836.3	847.8	1080.8	1856.0	2772.9	5151.0	8093.0	8477.0	8343.9	6832.3
65°	600.5	602.6	719.8	1133.3	1683.5	3129.6	7281.1	8711.4	8670.4	7107.0
67.5°	505.5	504.1	553.0	752.9	1147.0	1567.7	5580.4	8379.9	8553.9	7281.1
70°	433.6	435.8	493.3	551.6	862.2	887.4	2774.4	7296.2	7667.2	7327.1
72.5°	322.9	330.1	383.3	502.7	650.8	610.5	957.9	5409.9	6080.9	6903.5
75°	228.0	231.6	269.7	422.8	485.4	444.4	489.0	2796.6	3656.7	5292.7
77.5°	175.5	181.9	204.2	295.6	478.2	312.1	299.2	967.9	1487.1	3197.2
80°	94.9	106.4	147.4	213.6	335.8	220.8	148.1	385.4	504.1	1495.0
82.5°	48.9	54.7	102.8	153.9	191.3	192.7	73.4	160.4	207.8	461.7
85°	19.4	23.7	69.0	84.9	98.5	94.9	33.1	64.7	74.8	128.0
87.5°	4.3	7.2	25.2	19.4	18.7	20.1	7.9	15.1	14.4	15.1
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°
1290.1	0°	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1	1290.1
1298.7	2.5°	1298.0	1295.1	1287.2	1278.6	1268.5	1262.8	1259.2	1258.5	1253.4	1249.8
1327.5	5°	1319.6	1316.7	1301.6	1283.6	1264.2	1249.1	1234.7	1221.8	1203.1	1199.5
1369.2	7.5°	1362.7	1354.8	1330.4	1305.9	1269.2	1225.4	1172.2	1111.0	1056.4	1039.8
1424.6	10°	1415.9	1405.2	1374.2	1331.1	1249.8	1130.5	1001.7	882.4	787.4	760.8
1490.0	12.5°	1476.3	1467.0	1426.0	1346.2	1168.6	952.1	755.1	606.9	514.9	491.9
1559.8	15°	1548.3	1534.6	1477.8	1323.2	1023.3	723.4	518.5	430.8	397.7	393.4
1639.6	17.5°	1624.5	1602.2	1523.8	1240.5	827.7	514.2	400.5	375.4	361.0	356.7
1720.1	20°	1694.2	1665.5	1551.1	1115.4	618.4	400.5	358.8	342.3	329.4	324.3
1800.7	22.5°	1764.0	1723.0	1551.1	944.9	463.8	355.2	329.4	314.3	299.2	292.7
1887.0	25°	1836.6	1782.0	1523.8	755.1	373.2	325.8	301.3	284.8	271.8	263.9
1968.9	27.5°	1907.1	1831.6	1461.2	575.3	332.2	299.9	275.4	259.6	247.4	241.6
2058.1	30°	1974.0	1880.5	1373.5	436.5	305.6	274.7	251.7	238.0	225.8	220.1
2173.9	32.5°	2064.6	1942.3	1280.0	358.1	282.6	251.0	230.1	217.2	206.4	202.1
2324.2	35°	2190.4	2033.7	1199.5	351.6	263.2	231.6	210.7	198.5	187.7	184.1
2518.4	37.5°	2368.8	2181.1	1157.1	394.8	247.4	214.3	194.9	181.9	171.9	169.0
2765.0	40°	2588.8	2381.0	1180.1	437.9	236.6	199.2	180.5	167.6	158.9	155.3
3048.3	42.5°	2849.9	2627.7	1307.4	471.0	229.4	186.3	166.8	152.5	146.7	145.3
3369.8	45°	3149.7	2898.8	1502.2	506.3	217.9	174.0	153.2	142.4	138.1	137.4
3719.3	47.5°	3490.6	3196.5	1728.0	550.1	206.4	162.5	142.4	135.2	131.6	130.2
4083.9	50°	3828.6	3496.4	1960.3	574.6	197.0	151.7	133.8	128.0	125.1	124.4
4469.3	52.5°	4182.4	3804.9	2148.0	551.6	189.1	143.1	126.6	122.3	119.4	118.7
4824.6	55°	4519.7	4054.4	2180.4	468.1	173.3	134.5	118.7	116.5	112.9	112.9
5184.8	57.5°	4810.2	4179.5	1951.7	343.7	157.5	121.5	110.7	108.6	105.7	105.0
5509.9	60°	5077.0	4143.6	1506.6	231.6	140.2	108.6	100.7	99.2	96.4	92.8
5792.5	62.5°	5227.3	3985.4	1030.5	151.0	123.0	94.9	89.2	88.5	82.0	74.8
6001.8	65°	5284.1	3660.3	642.9	110.0	102.8	81.3	76.9	75.5	66.2	58.2
6120.4	67.5°	5234.5	3125.3	324.3	87.0	81.3	67.6	63.3	63.3	56.8	49.6
6113.2	70°	5036.0	2342.9	136.6	69.8	62.6	51.8	51.8	54.7	48.2	40.3
5796.1	72.5°	4605.2	1576.3	72.6	53.2	46.7	36.7	42.4	44.6	38.1	30.2
4744.0	75°	3661.0	961.5	50.3	39.6	29.5	25.9	32.4	33.8	25.9	20.1
3252.6	77.5°	2504.0	552.3	33.8	25.2	18.7	15.1	22.3	20.9	13.7	9.3
1254.1	80°	1099.5	230.1	19.4	11.5	7.2	5.8	7.9	5.8	4.3	2.9
171.9	82.5°	128.7	53.9	7.2	4.3	2.9	1.4	0.7	0.0	0.0	0.0
52.5	85°	26.6	6.5	3.6	1.4	0.7	0.0	0.0	0.0	0.0	0.0
9.3	87.5°	5.0	1.4	0.7	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°
1290.1
1253.4
1198.1
1031.9
750.8
485.4
389.0
354.5
321.4
289.1
261.0
241.6
220.8
202.1
184.1
168.3
154.6
145.3
136.6
130.2
124.4
118.7
112.2
104.3
92.0
73.4
57.5
48.9
39.6
30.2
19.4
10.1
2.9
0.0
0.0
0.0
0.0