

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: P940366

Luminaire Tested: **GLAN-SB3B-927-U-T3-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P940366
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-927-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 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: 8065 lumens
Efficiency: N/A
Efficacy: 73.9 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): 109.2
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

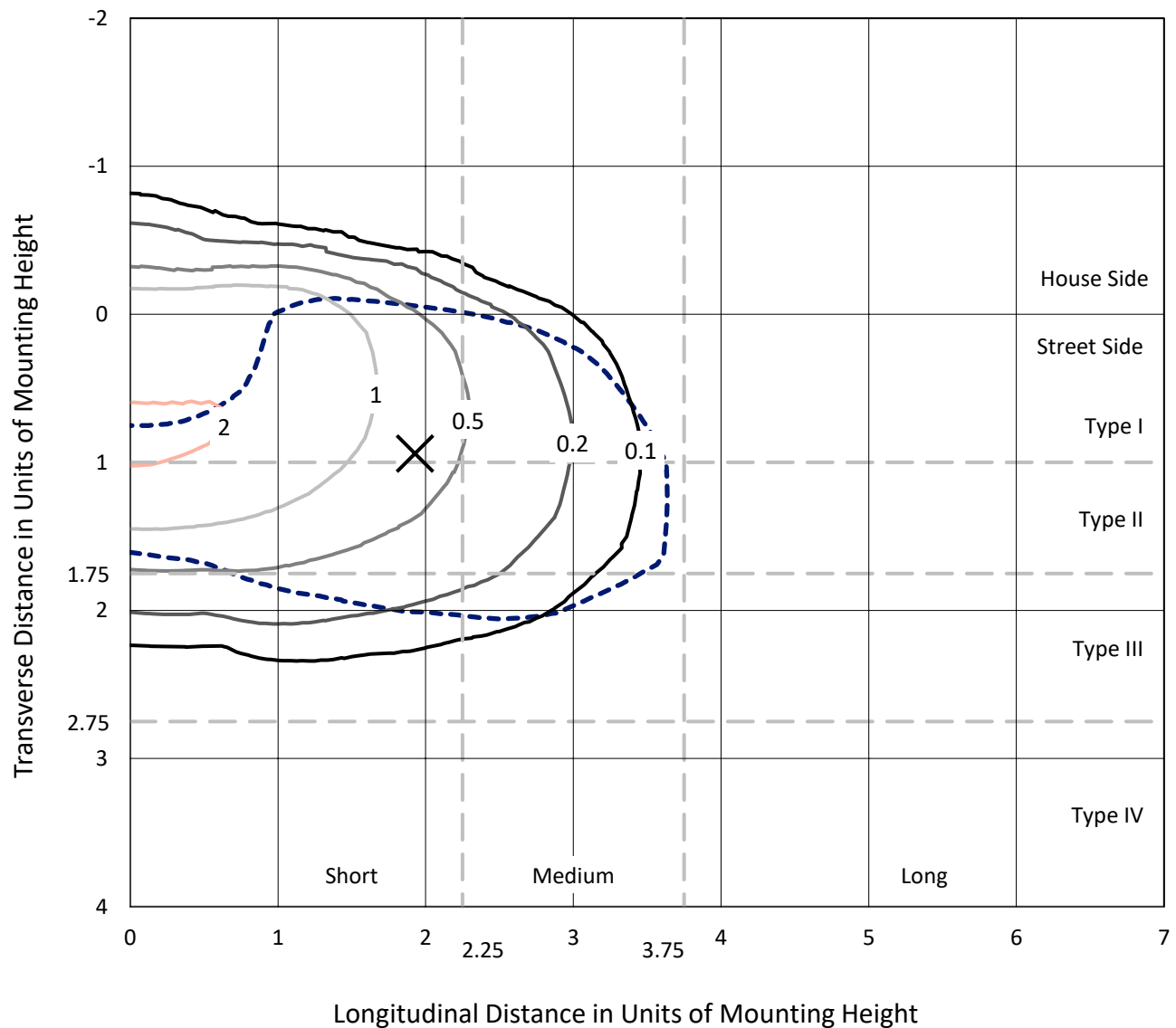


REPORT NUMBER: P940366

CATALOG NUMBER: GLAN-SB3B-927-U-T3-HSS

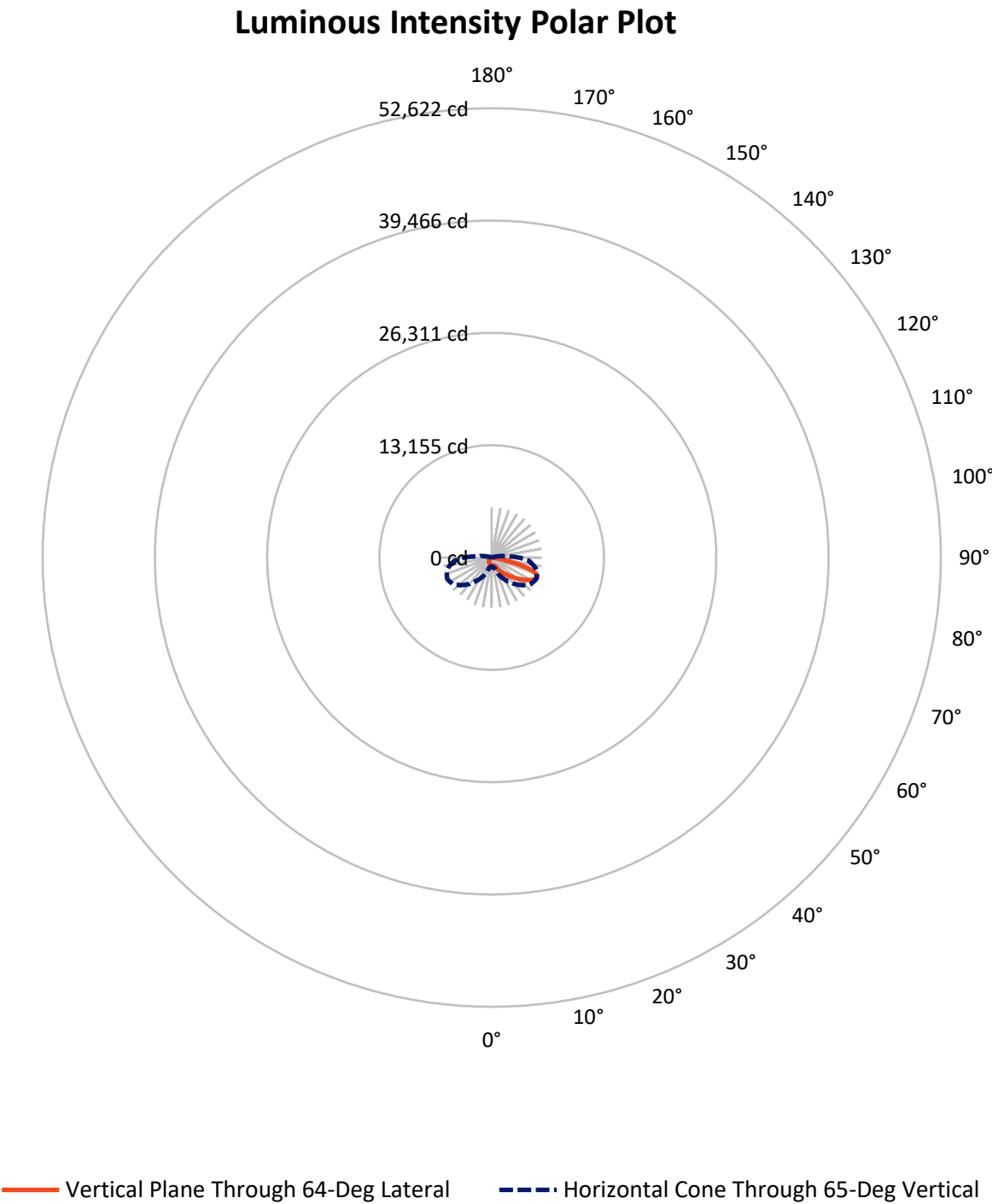
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
Type III - Short - N/A

REPORT NUMBER: P940366
CATALOG NUMBER: GLAN-SB3B-927-U-T3-HSS



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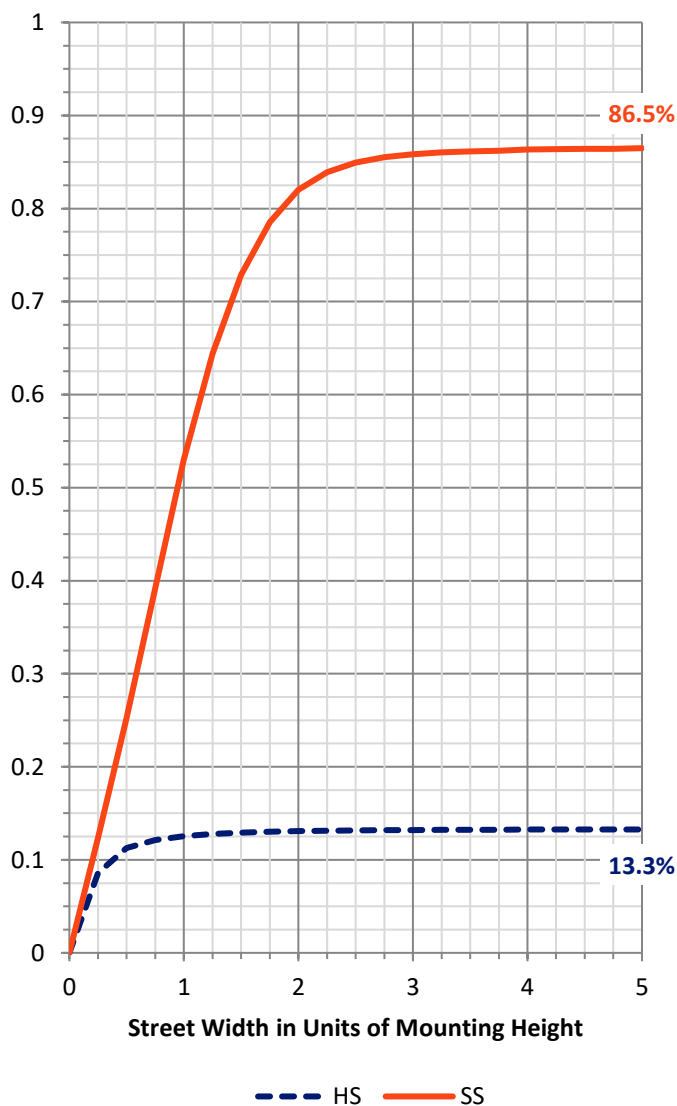
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1078.5	0.0	1078.5
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	6986.5	0.0	6986.5
	% Fixture	86.6	0.0	86.6
Total	Lumens	8065.0	0.0	8065.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.5	1.1
10°-20°	234.7	2.9
20°-30°	444.8	5.5
30°-40°	900.1	11.2
40°-50°	1533.3	19.0
50°-60°	2085.1	25.9
60°-70°	1958.0	24.3
70°-80°	784.5	9.7
80°-90°	38.0	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°	8065.0	100.0
0°-180°	8065.0	100.0

Coefficient of Utilization



REPORT NUMBER: P940366

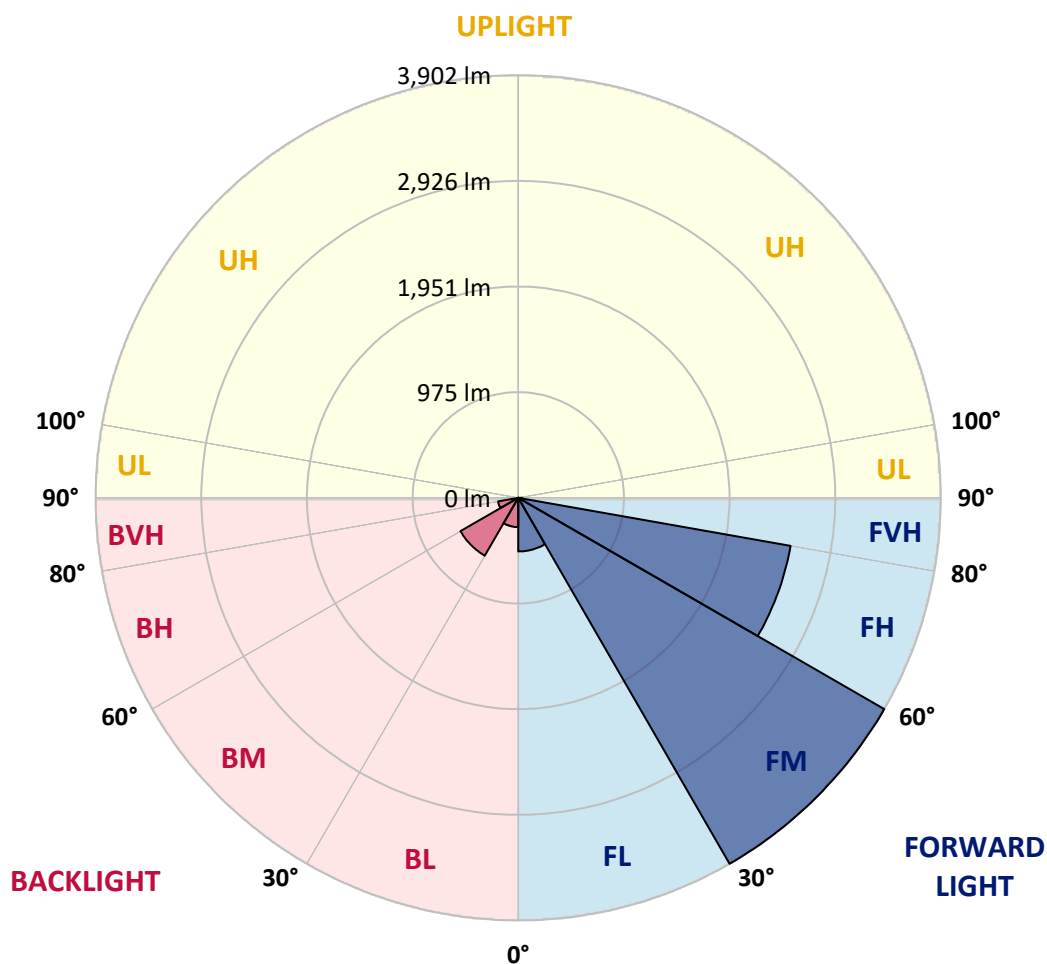
CATALOG NUMBER: GLAN-SB3B-927-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.3	6.1			
FM	(30°-60°)	3901.8	48.4			
FH	(60°-80°)	2553.2	31.7			G2/5000
FVH	(80°-90°)	36.1	0.4			G1/100
BL	(0°-30°)	270.8	3.4	B1/500		
BM	(30°-60°)	616.6	7.6	B1/1000		
BH	(60°-80°)	189.3	2.3	B1/500		G1/500
BVH	(80°-90°)	1.9	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



REPORT NUMBER: P940366

CATALOG NUMBER: GLAN-SB3B-927-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0
2.5°	934.8	941.3	939.7	938.0	937.5	938.6	939.1	938.6	938.6	938.6
5°	917.0	922.4	922.4	926.1	931.6	938.0	942.9	944.0	945.1	946.7
7.5°	882.9	887.2	890.5	902.9	916.4	933.7	948.3	955.9	957.0	962.9
10°	859.6	865.1	870.5	883.4	902.9	928.9	953.7	972.1	974.8	988.9
12.5°	858.6	864.0	871.0	885.1	907.8	935.3	965.6	992.1	997.0	1017.5
15°	869.9	876.4	882.9	900.2	924.5	958.0	990.5	1023.5	1028.3	1057.5
17.5°	893.2	901.8	906.7	924.0	949.9	987.2	1030.0	1067.8	1072.1	1106.2
20°	939.1	949.4	951.0	965.1	990.5	1030.5	1081.3	1128.4	1133.8	1172.7
22.5°	1034.3	1048.9	1035.9	1042.9	1065.6	1105.6	1160.8	1220.3	1227.8	1272.2
25°	1201.9	1222.4	1188.9	1177.0	1186.7	1228.4	1297.6	1372.7	1381.4	1417.1
27.5°	1531.1	1504.7	1453.8	1404.1	1374.9	1398.7	1476.5	1569.5	1580.3	1614.9
30°	1892.8	1869.6	1800.9	1690.6	1621.4	1617.7	1689.6	1793.4	1805.8	1838.8
32.5°	2255.1	2232.9	2158.3	2022.6	1902.6	1843.1	1892.8	2008.0	2014.5	2035.6
35°	2611.4	2588.7	2514.1	2375.1	2227.5	2092.4	2082.6	2212.4	2214.5	2236.7
37.5°	2969.8	2950.9	2871.4	2735.2	2589.8	2403.2	2312.9	2405.9	2408.6	2430.3
40°	3225.6	3233.7	3179.1	3073.6	2948.8	2744.9	2571.4	2611.9	2595.7	2631.9
42.5°	3445.1	3461.3	3413.7	3360.7	3288.3	3108.8	2891.4	2884.4	2858.5	2877.9
45°	3634.8	3648.4	3605.7	3593.2	3591.6	3465.6	3241.3	3199.1	3162.9	3159.1
47.5°	3704.6	3730.5	3748.9	3790.6	3871.7	3818.7	3603.0	3537.5	3497.0	3467.2
50°	3731.1	3758.7	3821.4	3942.5	4134.4	4157.1	3963.0	3889.5	3839.8	3785.7
52.5°	3695.4	3744.6	3828.9	4032.8	4311.2	4428.5	4308.5	4244.2	4187.4	4099.3
55°	3485.1	3534.3	3706.8	4031.7	4399.3	4618.8	4635.1	4606.4	4542.6	4403.7
57.5°	3041.7	3114.7	3387.8	3894.4	4397.7	4782.7	4955.1	4975.7	4904.3	4705.4
60°	2427.6	2526.5	2859.5	3590.0	4262.0	4871.3	5235.7	5338.5	5262.8	5002.7
62.5°	1693.9	1808.5	2123.7	3113.1	3951.7	4807.5	5440.7	5630.4	5573.1	5268.7
65°	1033.2	1070.0	1324.1	2449.7	3424.0	4540.5	5503.9	5788.3	5769.4	5431.5
67.5°	688.3	719.1	792.1	1679.8	2657.9	4006.8	5352.5	5760.7	5766.1	5405.0
70°	414.7	441.2	488.8	977.0	1722.5	3171.5	4883.8	5409.3	5440.7	5050.8
72.5°	170.8	188.7	231.9	442.8	892.1	2012.9	3889.0	4644.3	4717.2	4246.9
75°	96.8	106.0	136.2	222.2	387.1	938.0	2355.7	3296.9	3404.5	2927.1
77.5°	64.3	68.7	88.1	143.8	217.9	320.1	1006.7	1717.7	1923.1	1598.7
80°	43.3	47.0	60.6	96.2	141.7	137.3	320.6	636.4	782.9	549.3
82.5°	29.2	29.7	43.3	63.3	89.7	66.5	94.6	197.9	248.7	159.0
85°	16.8	16.2	31.9	36.8	40.0	27.6	28.7	59.5	77.9	67.0
87.5°	2.2	3.2	12.4	9.7	5.4	5.9	5.9	10.3	15.1	16.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P940366

CATALOG NUMBER: GLAN-SB3B-927-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
938.0	0°	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0	938.0
939.1	2.5°	939.1	938.6	937.0	935.3	931.6	929.4	930.5	929.4	928.9	929.4
946.2	5°	946.2	944.5	940.2	934.8	927.2	918.0	912.1	903.4	895.3	890.5
965.1	7.5°	965.1	963.5	957.5	942.4	918.0	879.7	844.5	813.7	790.4	776.9
995.4	10°	995.4	992.6	983.5	949.9	886.1	802.3	732.6	674.7	636.9	619.1
1031.0	12.5°	1031.0	1027.8	1011.6	942.9	825.6	694.7	598.5	534.2	499.0	483.3
1072.1	15°	1073.2	1068.9	1037.0	909.4	737.5	575.8	487.7	439.6	416.8	402.8
1124.6	17.5°	1125.7	1118.1	1055.9	859.1	641.8	485.0	419.6	383.3	363.3	349.8
1193.2	20°	1193.8	1181.3	1071.0	799.1	553.6	427.7	373.6	343.3	328.2	316.3
1290.6	22.5°	1288.9	1271.1	1089.4	734.2	491.5	388.2	339.5	317.4	304.9	291.4
1426.3	25°	1406.8	1385.7	1112.1	674.2	448.7	354.1	314.7	296.3	281.7	266.0
1604.1	27.5°	1571.7	1533.8	1139.2	625.0	412.0	324.9	292.0	271.4	254.7	241.7
1805.8	30°	1755.5	1693.3	1163.0	595.3	378.5	297.9	262.2	241.7	226.0	216.8
1986.9	32.5°	1929.6	1845.3	1178.6	582.3	348.2	267.1	229.8	207.6	195.7	193.0
2164.3	35°	2094.0	1982.6	1177.0	569.9	321.2	236.3	197.9	175.2	166.0	167.6
2355.1	37.5°	2283.2	2129.1	1165.7	550.4	299.0	208.2	170.3	150.3	142.2	142.7
2587.1	40°	2503.3	2298.3	1158.6	513.6	274.7	182.2	147.6	131.4	125.4	123.3
2831.4	42.5°	2737.9	2462.2	1159.7	472.0	244.4	159.0	131.9	118.4	113.0	111.4
3103.4	45°	2973.6	2618.4	1161.3	428.7	212.5	141.1	120.6	109.2	106.0	103.8
3379.1	47.5°	3195.3	2751.4	1131.1	382.2	181.1	127.6	111.4	103.8	101.1	98.4
3655.9	50°	3401.8	2840.1	1058.1	328.2	156.3	116.8	104.3	98.9	96.2	93.5
3906.8	52.5°	3562.4	2854.1	937.5	272.5	138.9	108.7	100.0	95.2	91.9	89.2
4109.5	55°	3633.8	2766.0	766.1	220.6	125.4	101.6	95.7	90.8	87.0	84.3
4269.0	57.5°	3615.4	2580.6	597.4	177.3	112.5	94.6	90.3	87.0	82.7	78.4
4398.3	60°	3525.1	2332.4	450.4	147.6	100.6	87.0	84.3	81.6	75.7	69.2
4448.0	62.5°	3368.8	2020.4	321.2	122.2	87.6	78.4	77.3	75.2	66.5	54.6
4374.5	65°	3129.9	1641.4	216.3	101.6	75.2	68.7	69.2	65.4	54.1	40.5
4105.2	67.5°	2780.6	1200.3	138.4	83.3	62.7	57.3	57.9	55.7	46.0	34.6
3594.8	70°	2335.6	794.8	90.3	63.3	50.3	44.3	47.6	48.1	38.9	28.1
2759.0	72.5°	1712.3	469.3	63.3	47.0	36.8	30.8	38.9	40.0	31.4	21.1
1659.8	75°	975.9	222.8	47.6	34.1	22.7	21.6	30.3	30.3	21.6	14.1
718.5	77.5°	409.8	93.0	33.5	22.2	13.0	12.4	20.5	18.9	10.8	6.5
175.2	80°	118.4	41.6	17.8	10.8	5.4	4.9	8.1	5.9	2.7	1.1
66.5	82.5°	46.5	18.4	7.0	4.3	2.2	2.2	1.1	0.0	0.0	0.0
37.8	85°	27.6	7.6	3.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0
8.1	87.5°	7.0	1.6	1.1	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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180°
938.0
931.6
891.5
777.5
617.4
481.7
403.3
348.7
314.1
289.3
264.4
239.0
215.2
194.6
167.6
144.9
122.7
110.8
103.8
98.4
93.5
88.7
83.8
77.9
68.1
53.5
39.5
33.0
27.0
20.0
13.0
6.5
1.1
0.0
0.0
0.0
0.0