

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: P852082

Luminaire Tested: **GLAN-SB1B-722-U-T4FT-HSS**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852082  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1B-722-U-T4FT-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD  
THROW OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3335 lumens  
Efficiency: N/A  
Efficacy: 83.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1

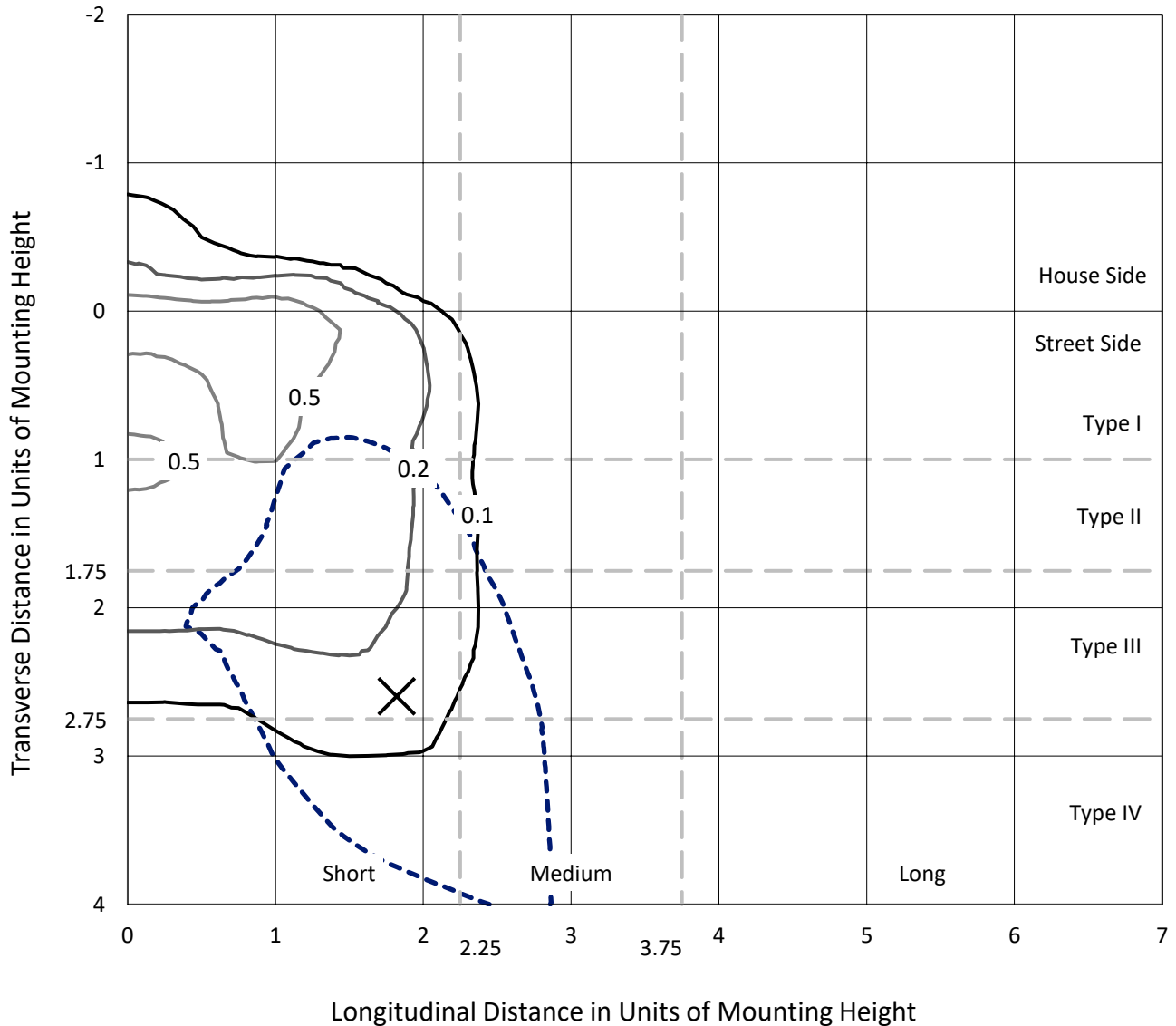
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

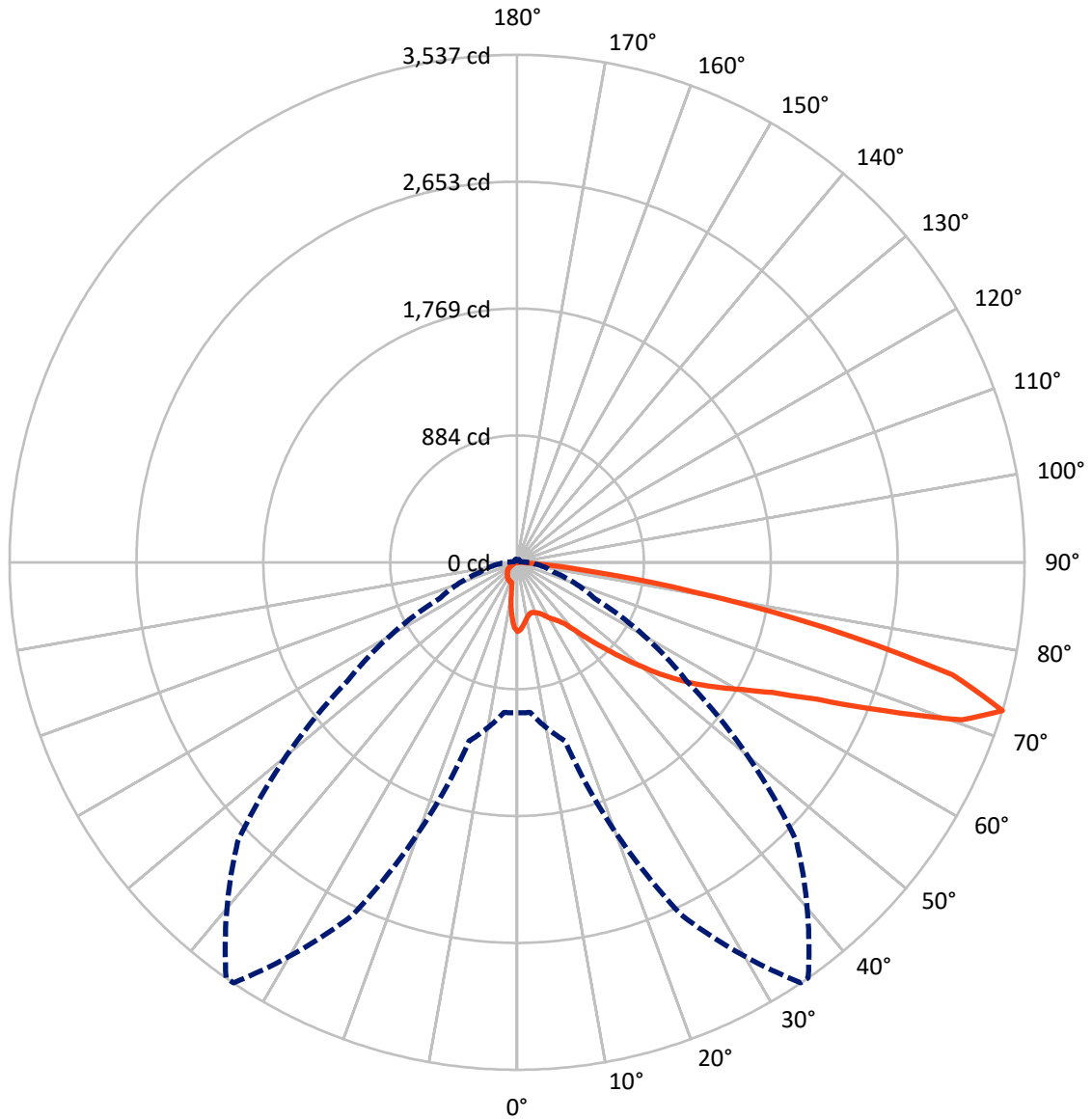
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	375.3	0.0	375.3
	% Fixture	11.3	0.0	11.3
<b>Street Side</b>	Lumens	2959.7	0.0	2959.7
	% Fixture	88.7	0.0	88.7
<b>Total</b>	Lumens	3335.0	0.0	3335.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.7	1.2
10°-20°	92.9	2.8
20°-30°	150.9	4.5
30°-40°	251.8	7.6
40°-50°	476.5	14.3
50°-60°	757.2	22.7
60°-70°	936.7	28.1
70°-80°	582.2	17.5
80°-90°	47.1	1.4
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°	3335.0	100.0
0°-180°	3335.0	100.0

**Coefficient of Utilization**



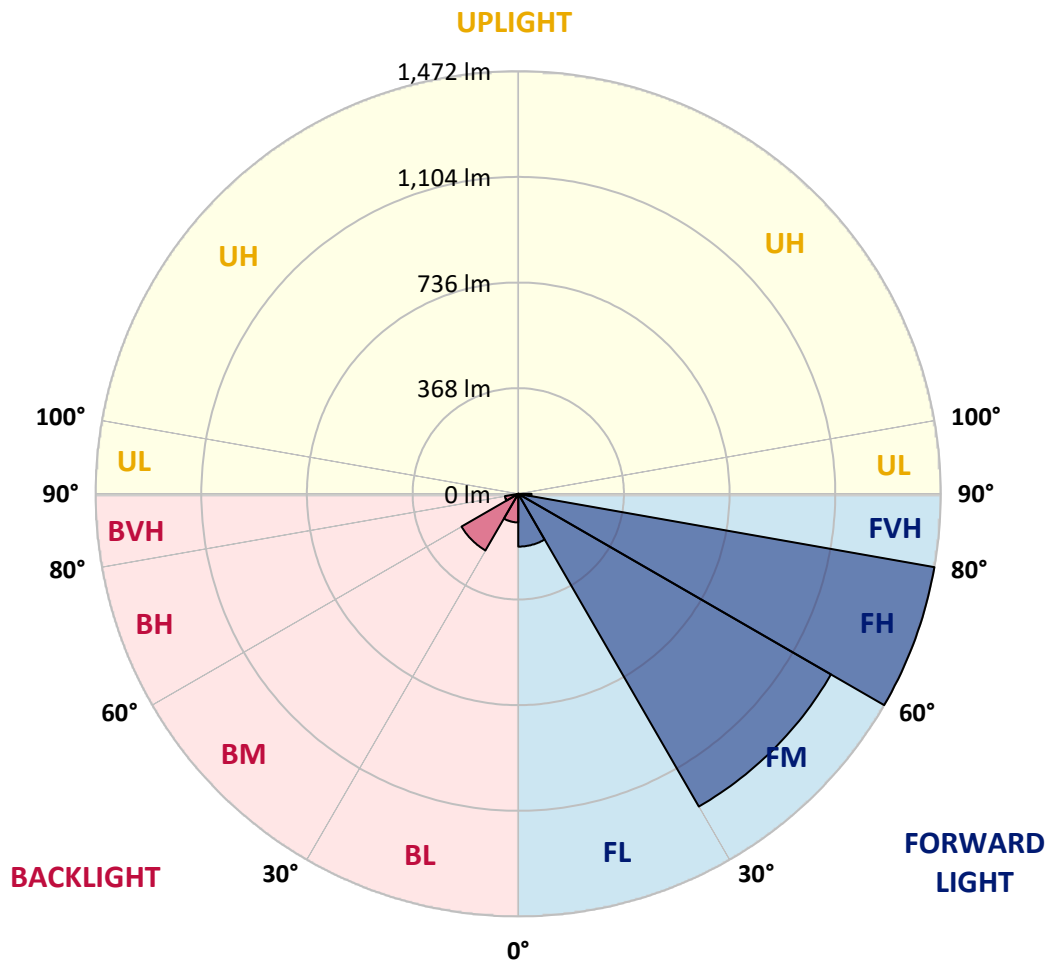
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	183.8	5.5			
FM (30°-60°)	1257.6	37.7			
FH (60°-80°)	1471.8	44.1			G1/1800
FVH (80°-90°)	46.4	1.4			G1/100
BL (0°-30°)	99.7	3.0	B0/110		
BM (30°-60°)	227.9	6.8	B1/1000		
BH (60°-80°)	47.1	1.4	B0/110		G0/110
BVH (80°-90°)	0.6	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-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4
2.5°	461.8	465.8	466.5	467.7	467.7	469.2	471.6	475.0	480.7	483.6
5°	425.7	428.6	432.3	435.2	440.8	441.6	451.1	460.4	473.3	483.1
7.5°	389.3	392.7	397.6	404.7	412.0	414.2	428.6	444.3	464.8	483.1
10°	363.6	363.9	368.3	375.3	387.1	389.8	407.4	429.6	455.3	480.2
12.5°	349.2	350.9	352.9	358.2	369.5	371.2	390.0	416.2	445.7	478.5
15°	349.2	350.4	351.6	354.3	363.4	364.8	381.5	407.6	440.8	479.2
17.5°	352.9	354.8	353.8	357.0	366.5	367.5	382.2	405.2	440.6	483.8
20°	361.7	363.1	361.2	363.1	372.7	374.6	389.8	409.8	444.7	491.9
22.5°	375.6	376.3	371.7	373.1	382.9	385.4	403.0	423.0	454.8	504.9
25°	393.2	394.6	387.6	389.3	398.6	401.5	421.8	442.8	470.6	522.7
27.5°	413.5	414.2	408.1	407.8	419.8	424.0	444.5	467.2	491.9	545.2
30°	436.7	438.9	433.0	432.0	447.2	450.6	470.9	497.3	523.2	578.9
32.5°	455.0	456.7	453.3	455.7	471.1	473.8	502.9	539.8	572.3	626.8
35°	481.4	482.4	474.6	479.0	496.5	503.4	546.6	599.4	634.1	686.9
37.5°	576.9	576.9	543.7	522.0	538.8	544.9	606.5	674.4	710.4	767.5
40°	709.1	706.9	658.3	613.8	611.6	623.6	691.8	769.0	808.8	864.3
42.5°	850.1	846.7	780.5	736.5	729.2	733.3	790.3	885.6	926.1	982.3
45°	975.3	974.3	913.7	854.5	841.3	854.5	913.2	1021.9	1051.0	1110.1
47.5°	1080.1	1080.1	1035.9	997.3	990.4	998.2	1079.6	1173.2	1170.5	1246.3
50°	1200.8	1199.8	1157.8	1141.2	1148.3	1159.3	1271.2	1332.5	1294.2	1379.9
52.5°	1285.4	1291.2	1276.8	1274.1	1310.3	1329.3	1465.7	1488.4	1404.9	1506.8
55°	1352.3	1359.2	1375.8	1394.6	1464.2	1489.2	1654.1	1636.3	1497.5	1616.7
57.5°	1447.1	1437.4	1463.0	1500.2	1612.8	1642.9	1836.6	1775.8	1572.0	1705.9
60°	1562.2	1563.7	1568.1	1615.0	1761.1	1799.7	2016.5	1907.8	1619.9	1760.6
62.5°	1700.5	1702.7	1711.8	1783.9	1960.3	1996.7	2208.1	2015.8	1641.9	1745.3
65°	1691.0	1700.3	1801.2	2047.8	2263.1	2299.0	2431.7	2091.5	1608.7	1604.5
67.5°	1540.5	1555.6	1724.5	2363.0	2719.5	2759.6	2701.9	2106.4	1465.2	1247.7
70°	1343.0	1348.4	1551.5	2646.5	3248.1	3288.7	2943.9	1942.5	1111.9	696.0
72.5°	1048.8	1050.0	1288.3	2712.2	3535.0	3537.2	2754.0	1442.0	598.0	267.3
75°	749.2	741.9	862.9	2199.5	3110.0	3135.0	2064.6	676.4	228.5	126.3
77.5°	401.7	409.8	488.2	1304.4	2148.5	2191.0	1126.5	195.0	116.3	86.0
80°	124.1	131.0	200.1	597.2	1216.9	1242.6	417.6	86.7	81.1	61.3
82.5°	39.1	40.6	93.3	251.0	505.1	516.8	121.0	49.1	55.5	40.6
85°	11.2	11.5	41.5	93.6	124.9	127.3	34.0	19.1	31.8	25.2
87.5°	1.2	3.9	15.6	15.6	11.0	10.8	3.7	4.2	9.0	3.2
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°
483.4	0°	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4	483.4
485.6	2.5°	484.3	484.6	481.4	476.0	470.2	465.3	459.2	454.3	450.9	449.9
490.0	5°	487.8	486.0	477.0	460.6	441.1	424.2	405.4	390.5	380.7	376.6
494.6	7.5°	492.9	488.0	468.2	435.9	398.6	365.3	331.6	305.5	288.8	280.5
499.0	10°	497.3	487.5	453.5	400.3	343.1	292.7	247.3	215.8	198.2	189.9
504.1	12.5°	501.4	487.3	434.5	358.0	280.5	219.0	176.7	161.0	156.1	154.4
512.4	15°	509.3	488.0	410.5	309.6	218.2	165.4	150.0	149.8	150.8	150.3
525.1	17.5°	520.0	488.7	383.4	258.3	168.4	145.9	145.2	147.4	148.8	148.1
541.0	20°	533.9	491.7	354.6	207.5	144.7	141.0	142.7	144.7	145.9	144.7
562.3	22.5°	553.5	496.8	323.1	166.7	137.1	138.1	139.5	141.7	143.0	141.2
589.4	25°	577.4	504.9	292.0	144.9	133.4	134.6	136.8	139.3	140.8	139.0
623.6	27.5°	608.5	517.8	263.4	140.0	129.8	130.5	133.7	137.3	139.3	137.1
672.2	30°	653.4	539.1	238.7	142.2	127.6	125.8	130.2	135.4	137.6	135.6
738.5	32.5°	713.1	569.1	223.6	145.6	126.6	120.5	124.6	131.2	134.9	133.7
825.0	35°	791.3	614.8	217.7	149.6	125.8	114.9	117.8	124.9	131.2	132.4
934.0	37.5°	886.1	678.4	219.4	151.3	123.6	110.2	111.7	117.8	126.1	130.0
1056.6	40°	993.8	752.4	229.2	149.6	121.2	106.3	106.5	111.2	118.5	124.4
1188.6	42.5°	1105.0	838.9	247.3	143.2	119.0	102.9	102.1	105.3	110.2	114.4
1320.3	45°	1210.8	927.9	265.1	134.4	116.3	99.5	97.7	99.0	99.9	101.7
1448.6	47.5°	1303.2	990.4	260.0	126.3	112.7	95.5	92.6	92.1	89.2	88.9
1563.2	50°	1367.0	1004.1	230.9	118.3	107.3	91.1	86.5	83.6	78.4	76.0
1649.0	52.5°	1387.3	950.1	188.6	110.2	98.5	85.3	78.7	74.0	67.7	65.5
1698.3	55°	1360.4	844.3	150.8	100.4	86.3	77.5	70.1	64.0	58.9	56.2
1703.7	57.5°	1294.6	709.6	119.2	88.9	73.3	68.7	61.3	55.2	50.8	48.1
1644.1	60°	1185.7	563.5	94.3	75.3	62.6	59.1	51.6	47.7	43.7	40.6
1490.1	62.5°	1020.2	402.2	74.0	59.6	52.3	48.4	44.0	41.1	36.4	32.0
1213.3	65°	796.1	246.1	57.2	43.7	42.0	40.1	37.4	34.7	29.1	24.7
791.5	67.5°	502.2	116.6	40.8	33.0	33.2	32.3	31.0	28.8	24.7	20.8
354.6	70°	221.2	56.4	26.9	25.2	24.7	24.7	25.7	24.9	21.0	17.3
123.2	72.5°	75.3	30.3	20.0	19.1	17.8	17.6	21.5	20.8	16.9	13.4
61.3	75°	39.3	20.3	14.7	13.7	10.8	13.0	17.1	16.1	12.0	8.8
40.6	77.5°	25.7	14.4	10.0	8.8	6.1	8.6	12.7	11.2	7.1	4.4
26.6	80°	16.1	9.5	5.9	4.2	2.9	4.6	6.8	4.9	2.7	1.0
15.6	82.5°	8.6	4.9	2.2	1.5	1.2	1.5	1.7	1.2	0.5	0.0
8.1	85°	3.4	1.7	0.7	0.5	0.2	0.0	0.5	0.2	0.0	0.0
1.5	87.5°	1.2	0.2	0.0	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

(END O



180°
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483.4
451.6
378.0
281.8
190.1
153.9
150.0
147.8
144.4
141.0
138.8
137.1
135.4
133.7
132.4
131.0
126.3
116.1
102.6
88.7
76.2
65.2
56.2
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