

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: LUMARK

Report Number: P959946

Luminaire Tested: **NAV-SB1B-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SB1B-827-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

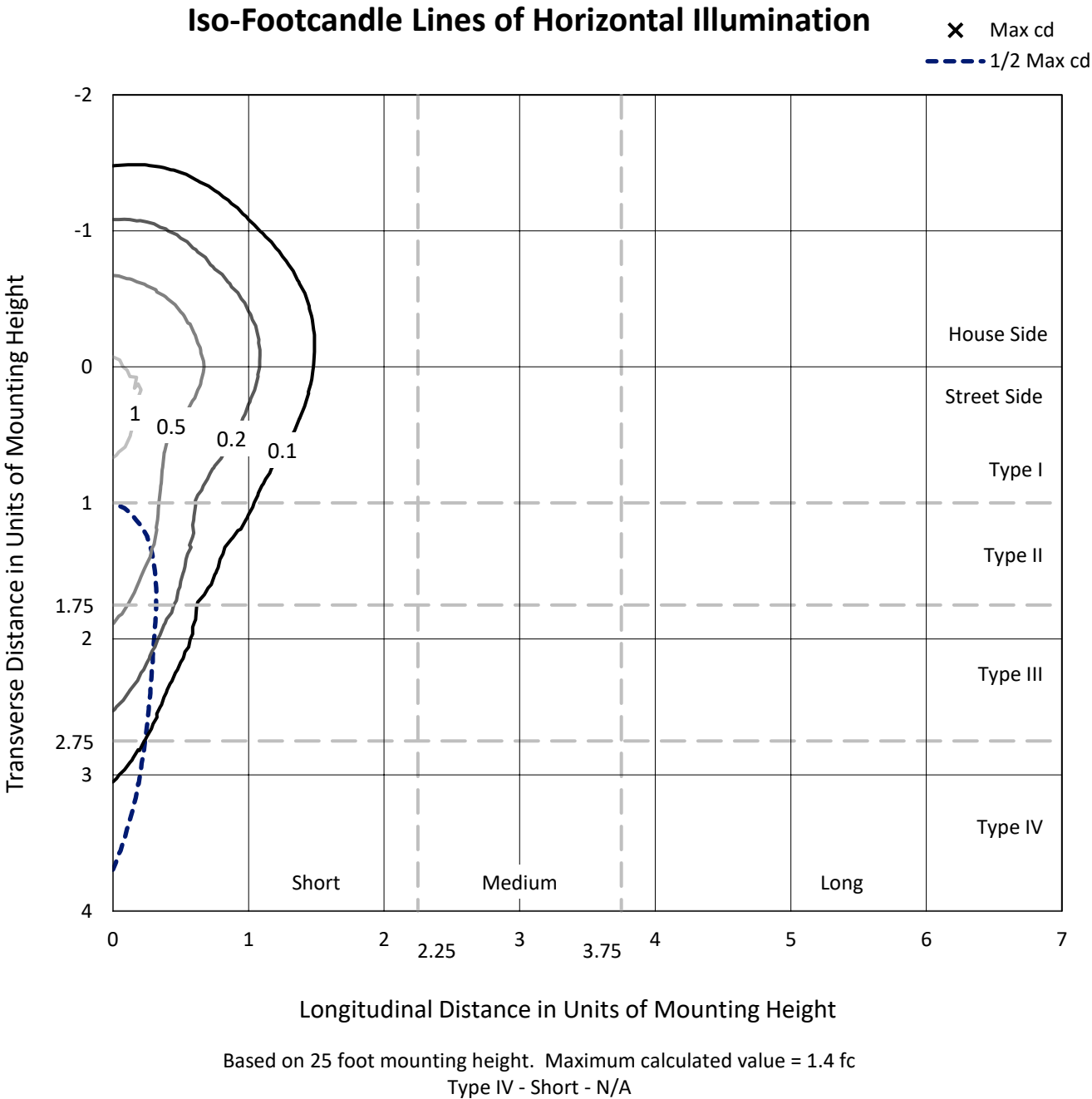
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5003 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

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

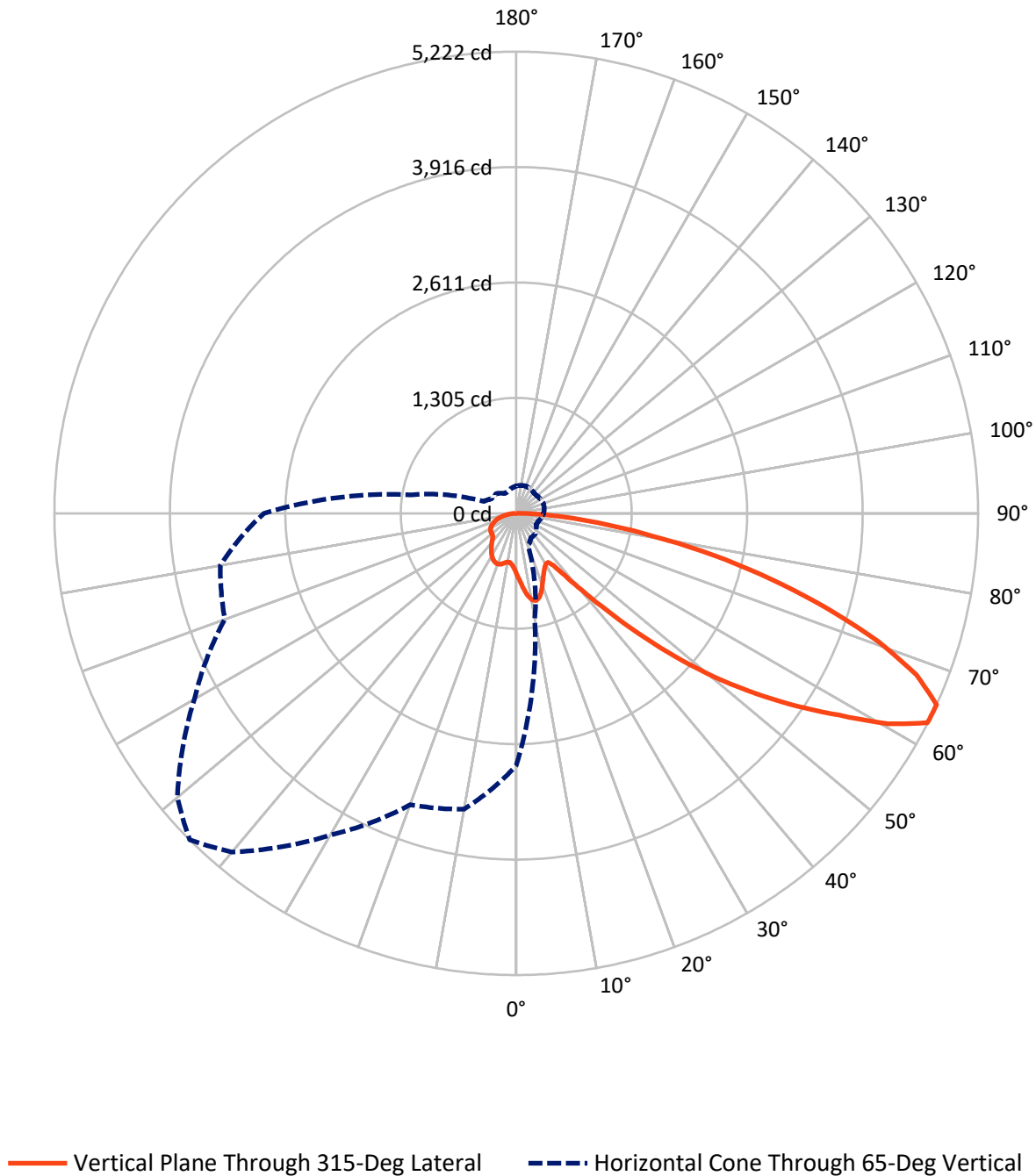


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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1271.5	0.0	1271.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3731.5	0.0	3731.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	5003.0	0.0	5003.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	1.4
10°-20°	214.2	4.3
20°-30°	330.9	6.6
30°-40°	419.4	8.4
40°-50°	632.5	12.6
50°-60°	1021.9	20.4
60°-70°	1274.0	25.5
70°-80°	835.4	16.7
80°-90°	206.5	4.1
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°	5003.0	100.0
0°-180°	5003.0	100.0

Coefficient of Utilization



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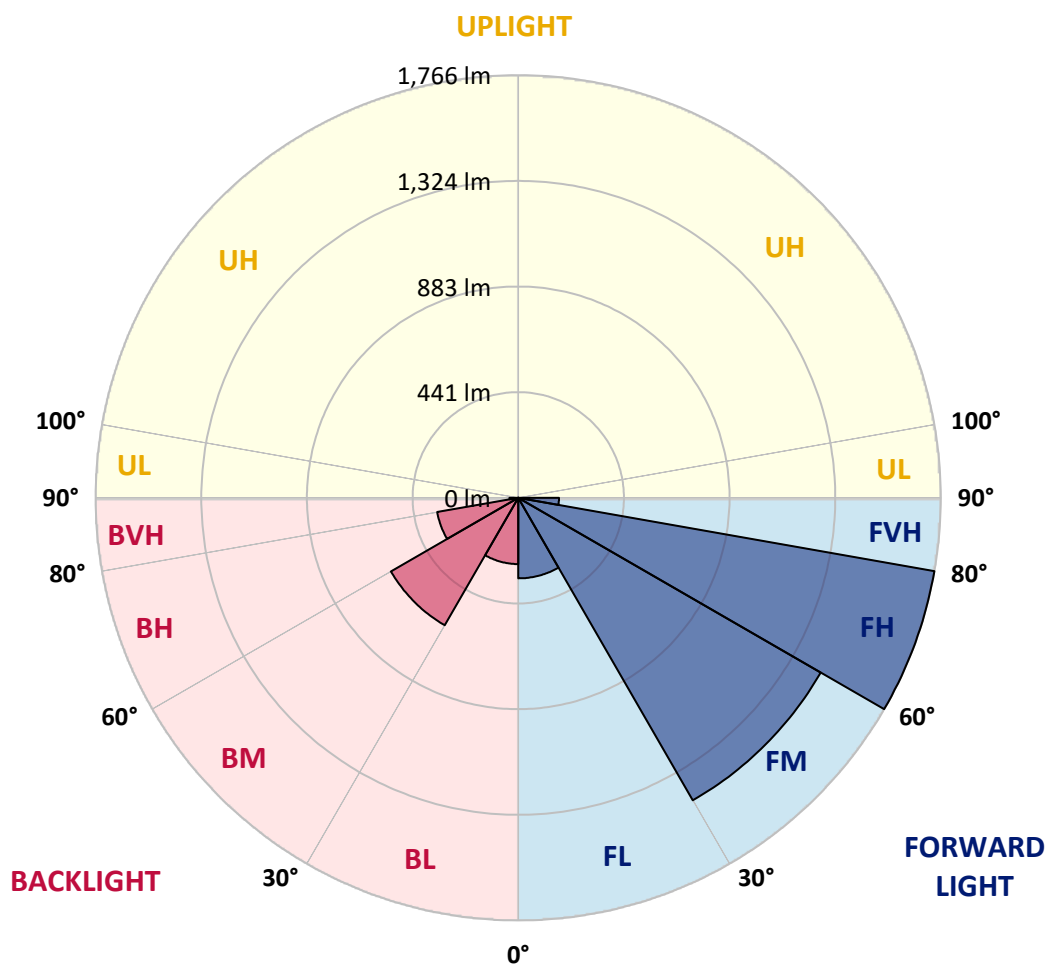
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	336.5	6.7			
FM	(30°-60°)	1459.3	29.2			
FH	(60°-80°)	1765.6	35.3			G1/1800
FVH	(80°-90°)	170.1	3.4			G2/225
BL	(0°-30°)	276.9	5.5	B1/500		
BM	(30°-60°)	614.5	12.3	B1/1000		
BH	(60°-80°)	343.8	6.9	B1/500		G1/500
BVH	(80°-90°)	36.4	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	739.8	734.2	728.5	722.4	716.4	710.3	704.3	698.4	692.7	687.1	680.8
5°	795.5	783.0	770.5	758.0	745.5	732.9	720.3	708.6	696.8	685.7	674.8
7.5°	851.5	830.8	810.2	791.0	771.9	753.3	734.7	718.3	701.9	686.7	672.6
10°	894.4	868.3	842.0	816.8	791.6	769.0	746.3	726.9	707.6	688.9	673.6
12.5°	920.7	892.0	863.2	834.6	806.0	779.3	752.7	730.7	708.8	689.1	675.0
15°	936.6	906.7	876.7	845.6	814.7	783.9	753.2	727.9	702.4	680.7	669.3
17.5°	945.6	915.2	884.9	851.0	817.1	781.5	745.8	715.2	684.7	659.2	652.2
20°	955.5	923.9	892.4	855.2	817.8	774.7	731.5	693.6	655.8	626.1	624.2
22.5°	967.0	934.7	902.4	860.7	819.0	766.4	713.9	668.3	622.7	588.9	592.4
25°	981.7	950.2	918.6	870.8	823.1	758.2	693.4	640.0	586.6	551.9	561.6
27.5°	1001.8	971.7	941.6	886.7	831.8	752.8	673.7	614.1	554.4	522.9	534.7
30°	1028.9	999.8	970.7	907.2	843.8	750.2	656.6	592.4	528.3	501.7	511.1
32.5°	1060.9	1032.0	1003.2	928.6	854.0	747.0	640.0	573.8	507.5	486.2	490.3
35°	1099.6	1072.0	1044.4	953.0	861.6	741.1	620.6	555.4	490.3	472.4	470.7
37.5°	1165.0	1129.8	1094.6	980.3	866.1	730.8	595.6	533.8	472.0	456.4	450.2
40°	1263.7	1212.4	1161.1	1015.1	868.9	716.8	564.7	508.1	451.4	437.3	427.6
42.5°	1394.6	1320.6	1246.5	1060.4	874.3	702.2	530.3	479.6	429.0	415.9	403.7
45°	1556.4	1456.4	1356.5	1120.1	883.8	688.8	493.8	449.5	405.0	391.8	380.0
47.5°	1758.6	1618.0	1477.3	1183.8	890.2	677.6	465.1	425.5	385.9	368.9	358.9
50°	2023.7	1811.6	1599.6	1242.8	885.9	665.5	445.1	409.7	374.3	351.9	340.2
52.5°	2327.9	2015.0	1702.2	1281.0	860.0	645.0	430.1	399.2	368.4	342.7	326.3
55°	2651.8	2195.4	1739.0	1272.6	806.3	611.0	415.7	391.7	367.6	343.6	318.9
57.5°	2946.4	2323.3	1700.1	1213.2	726.4	563.0	399.6	382.6	365.6	344.5	314.4
60°	3124.5	2355.1	1585.9	1102.6	619.3	500.8	382.3	368.9	355.6	341.6	310.3
62.5°	3034.0	2220.7	1407.3	952.9	498.7	426.3	353.9	345.0	336.2	334.5	305.3
65°	2853.1	2030.3	1207.7	800.3	393.0	359.3	325.5	321.3	317.1	317.3	295.1
67.5°	2610.6	1803.9	997.1	650.8	304.4	294.9	285.3	287.6	289.9	289.4	276.9
70°	2319.3	1556.8	794.2	512.4	230.6	233.3	236.1	246.9	257.8	257.8	253.7
72.5°	1972.1	1288.8	605.6	391.8	177.8	186.1	194.4	209.8	225.2	227.9	227.9
75°	1533.0	981.7	430.5	284.3	138.2	145.7	153.1	170.4	187.7	199.6	198.5
77.5°	1095.3	687.2	279.0	192.7	106.3	111.4	116.5	133.4	150.1	169.7	169.2
80°	716.9	442.7	168.5	124.1	79.7	81.8	83.9	98.2	112.3	135.8	135.7
82.5°	416.7	256.2	95.7	76.4	57.0	57.3	57.8	68.3	78.7	98.7	99.8
85°	183.4	115.2	47.3	40.8	34.4	34.2	34.0	41.7	49.4	64.3	65.7
87.5°	56.8	37.7	18.8	16.9	15.1	15.0	14.8	17.8	21.0	27.2	29.0
90°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	675.7	670.7	666.1	661.5	657.5	653.5	649.5	645.5	642.5	639.4	636.8
5°	665.2	655.6	647.6	639.6	632.5	625.5	619.0	612.5	607.6	602.7	599.2
7.5°	659.9	647.2	636.6	626.1	617.2	608.2	600.3	592.6	586.6	580.8	576.7
10°	660.2	646.9	636.3	625.7	616.1	606.5	597.7	588.9	581.8	574.7	570.2
12.5°	664.0	653.0	646.1	639.1	631.5	624.0	614.9	605.8	596.8	587.7	581.8
15°	664.1	658.9	659.8	660.8	658.8	656.8	648.9	640.9	628.2	615.4	606.4
17.5°	654.2	656.0	667.5	679.1	685.1	691.3	684.8	678.4	661.5	644.6	631.3
20°	633.1	642.2	662.2	682.1	694.9	707.8	704.8	701.8	682.4	663.2	646.9
22.5°	605.8	619.0	641.9	664.7	681.3	698.0	699.8	701.5	683.1	664.6	647.8
25°	577.0	592.2	612.7	633.3	649.7	666.1	672.2	678.3	663.2	648.0	633.1
27.5°	549.5	564.3	581.2	598.0	611.1	624.3	631.1	638.0	627.1	616.3	604.8
30°	522.8	534.5	548.5	562.5	573.4	584.4	589.9	595.4	587.2	579.0	570.7
32.5°	497.2	504.2	515.4	526.5	537.0	547.5	553.6	559.8	552.3	544.7	538.0
35°	472.6	474.5	483.1	491.6	501.9	512.3	519.7	527.1	521.6	516.3	510.1
37.5°	448.0	446.0	452.0	458.2	468.5	478.8	488.0	497.1	494.6	492.1	486.5
40°	422.9	418.1	422.5	426.9	436.9	446.9	457.4	467.9	468.5	469.1	464.3
42.5°	397.4	391.1	394.7	398.3	407.7	417.3	428.6	439.9	443.0	446.0	442.0
45°	373.8	367.7	370.7	373.7	382.7	391.8	403.4	415.2	419.6	423.9	420.4
47.5°	353.6	348.5	351.3	354.1	363.0	371.7	383.3	394.9	400.0	405.0	402.4
50°	335.6	331.0	335.4	339.9	348.2	356.4	366.8	377.2	383.7	390.1	390.0
52.5°	321.7	317.1	323.9	330.6	338.1	345.7	355.4	365.1	372.7	380.4	381.7
55°	311.7	304.5	314.0	323.5	331.6	339.8	348.3	356.8	364.9	373.0	374.8
57.5°	303.9	293.5	303.7	313.9	323.5	333.1	341.5	349.9	358.0	366.2	368.2
60°	296.7	283.1	292.1	301.0	312.0	323.1	331.6	340.2	348.3	356.5	358.6
62.5°	288.4	271.5	277.2	282.9	295.7	308.6	317.8	326.8	334.4	341.8	343.9
65°	277.2	259.1	261.3	263.4	277.3	291.1	299.7	308.4	315.1	321.6	323.8
67.5°	261.9	246.9	246.2	245.5	258.2	271.0	279.2	287.5	293.2	298.9	300.9
70°	243.0	232.4	230.0	227.7	238.8	250.0	257.2	264.2	269.4	274.6	276.5
72.5°	220.6	213.3	209.8	206.3	215.1	224.0	230.3	236.8	241.8	246.9	249.2
75°	192.9	187.3	184.0	180.6	187.2	193.7	199.6	205.4	210.0	214.5	217.0
77.5°	164.7	160.2	156.8	153.4	158.8	164.1	169.1	174.1	179.0	183.8	186.0
80°	132.0	128.1	125.4	122.5	126.9	131.3	135.6	139.8	143.5	147.1	150.1
82.5°	98.0	96.1	94.1	92.1	91.7	91.4	89.9	88.5	96.2	104.0	109.2
85°	63.8	61.8	59.6	57.3	55.4	53.5	49.4	45.3	52.6	60.0	66.2
87.5°	28.3	27.5	27.1	26.6	26.5	26.4	23.4	20.2	23.3	26.3	28.9
90°	0.0	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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	634.4	632.4	630.5	628.6	626.9	624.6	626.9	628.6	630.5	632.4	634.4
5°	595.7	593.3	590.9	589.0	587.1	585.3	587.1	589.0	590.9	593.3	595.7
7.5°	572.6	569.7	566.9	565.2	563.5	562.3	563.5	565.2	566.9	569.7	572.6
10°	565.5	562.8	560.2	558.7	557.3	556.8	557.3	558.7	560.2	562.8	565.5
12.5°	575.8	572.9	570.0	568.8	567.5	567.3	567.5	568.8	570.0	572.9	575.8
15°	597.4	593.2	589.1	587.5	585.9	585.8	585.9	587.5	589.1	593.2	597.4
17.5°	618.0	611.9	605.8	603.7	601.7	601.4	601.7	603.7	605.8	611.9	618.0
20°	630.6	622.7	614.8	612.3	609.8	609.1	609.8	612.3	614.8	622.7	630.6
22.5°	631.0	622.7	614.5	611.6	608.8	607.7	608.8	611.6	614.5	622.7	631.0
25°	618.2	611.0	603.8	601.3	598.7	597.2	598.7	601.3	603.8	611.0	618.2
27.5°	593.2	588.3	583.5	582.4	581.2	580.8	581.2	582.4	583.5	588.3	593.2
30°	562.3	559.9	557.4	557.4	557.4	557.8	557.4	557.4	557.4	559.9	562.3
32.5°	531.5	529.8	528.2	528.4	528.6	529.0	528.6	528.4	528.2	529.8	531.5
35°	504.1	501.6	499.2	498.7	498.2	497.8	498.2	498.7	499.2	501.6	504.1
37.5°	480.8	476.4	472.0	469.7	467.3	466.0	467.3	469.7	472.0	476.4	480.8
40°	459.5	453.0	446.6	442.3	437.9	435.3	437.9	442.3	446.6	453.0	459.5
42.5°	438.0	429.9	421.9	415.5	409.2	405.0	409.2	415.5	421.9	429.9	438.0
45°	416.7	407.5	398.3	390.8	383.3	378.5	383.3	390.8	398.3	407.5	416.7
47.5°	399.9	391.8	383.6	376.6	369.7	365.1	369.7	376.6	383.6	391.8	399.9
50°	389.9	383.3	376.8	370.3	364.0	359.6	364.0	370.3	376.8	383.3	389.9
52.5°	383.1	377.8	372.5	366.7	361.0	356.9	361.0	366.7	372.5	377.8	383.1
55°	376.8	372.1	367.5	362.4	357.4	353.7	357.4	362.4	367.5	372.1	376.8
57.5°	370.0	365.4	360.7	355.7	350.8	346.9	350.8	355.7	360.7	365.4	370.0
60°	360.7	356.2	351.6	346.4	341.3	337.4	341.3	346.4	351.6	356.2	360.7
62.5°	345.8	341.7	337.6	332.2	326.8	322.1	326.8	332.2	337.6	341.7	345.8
65°	325.8	321.8	317.9	312.6	307.4	303.3	307.4	312.6	317.9	321.8	325.8
67.5°	302.9	299.3	295.6	290.8	285.9	282.2	285.9	290.8	295.6	299.3	302.9
70°	278.5	275.5	272.4	267.8	263.2	259.0	263.2	267.8	272.4	275.5	278.5
72.5°	251.5	249.1	246.6	242.1	237.7	233.6	237.7	242.1	246.6	249.1	251.5
75°	219.5	218.2	217.0	213.3	209.5	205.6	209.5	213.3	217.0	218.2	219.5
77.5°	188.3	186.5	184.8	181.1	177.3	174.2	177.3	181.1	184.8	186.5	188.3
80°	153.1	152.4	151.7	146.6	141.6	135.7	141.6	146.6	151.7	152.4	153.1
82.5°	114.3	114.0	113.7	109.4	105.2	101.4	105.2	109.4	113.7	114.0	114.3
85°	72.6	72.1	71.5	68.3	64.9	61.5	64.9	68.3	71.5	72.1	72.6
87.5°	31.5	30.9	30.1	28.5	26.8	25.1	26.8	28.5	30.1	30.9	31.5
90°	0.0	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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	636.8	639.4	642.5	645.5	649.5	653.5	657.5	661.5	666.1	670.7	675.7
5°	599.2	602.7	607.6	612.5	619.0	625.5	632.5	639.6	647.6	655.6	665.2
7.5°	576.7	580.8	586.6	592.6	600.3	608.2	617.2	626.1	636.6	647.2	659.9
10°	570.2	574.7	581.8	588.9	597.7	606.5	616.1	625.7	636.3	646.9	660.2
12.5°	581.8	587.7	596.8	605.8	614.9	624.0	631.5	639.1	646.1	653.0	664.0
15°	606.4	615.4	628.2	640.9	648.9	656.8	658.8	660.8	659.8	658.9	664.1
17.5°	631.3	644.6	661.5	678.4	684.8	691.3	685.1	679.1	667.5	656.0	654.2
20°	646.9	663.2	682.4	701.8	704.8	707.8	694.9	682.1	662.2	642.2	633.1
22.5°	647.8	664.6	683.1	701.5	699.8	698.0	681.3	664.7	641.9	619.0	605.8
25°	633.1	648.0	663.2	678.3	672.2	666.1	649.7	633.3	612.7	592.2	577.0
27.5°	604.8	616.3	627.1	638.0	631.1	624.3	611.1	598.0	581.2	564.3	549.5
30°	570.7	579.0	587.2	595.4	589.9	584.4	573.4	562.5	548.5	534.5	522.8
32.5°	538.0	544.7	552.3	559.8	553.6	547.5	537.0	526.5	515.4	504.2	497.2
35°	510.1	516.3	521.6	527.1	519.7	512.3	501.9	491.6	483.1	474.5	472.6
37.5°	486.5	492.1	494.6	497.1	488.0	478.8	468.5	458.2	452.0	446.0	448.0
40°	464.3	469.1	468.5	467.9	457.4	446.9	436.9	426.9	422.5	418.1	422.9
42.5°	442.0	446.0	443.0	439.9	428.6	417.3	407.7	398.3	394.7	391.1	397.4
45°	420.4	423.9	419.6	415.2	403.4	391.8	382.7	373.7	370.7	367.7	373.8
47.5°	402.4	405.0	400.0	394.9	383.3	371.7	363.0	354.1	351.3	348.5	353.6
50°	390.0	390.1	383.7	377.2	366.8	356.4	348.2	339.9	335.4	331.0	335.6
52.5°	381.7	380.4	372.7	365.1	355.4	345.7	338.1	330.6	323.9	317.1	321.7
55°	374.8	373.0	364.9	356.8	348.3	339.8	331.6	323.5	314.0	304.5	311.7
57.5°	368.2	366.2	358.0	349.9	341.5	333.1	323.5	313.9	303.7	293.5	303.9
60°	358.6	356.5	348.3	340.2	331.6	323.1	312.0	301.0	292.1	283.1	296.7
62.5°	343.9	341.8	334.4	326.8	317.8	308.6	295.7	282.9	277.2	271.5	288.4
65°	323.8	321.6	315.1	308.4	299.7	291.1	277.3	263.4	261.3	259.1	277.2
67.5°	300.9	298.9	293.2	287.5	279.2	271.0	258.2	245.5	246.2	246.9	261.9
70°	276.5	274.6	269.4	264.2	257.2	250.0	238.8	227.7	230.0	232.4	243.0
72.5°	249.2	246.9	241.8	236.8	230.3	224.0	215.1	206.3	209.8	213.3	220.6
75°	217.0	214.5	210.0	205.4	199.6	193.7	187.2	180.6	184.0	187.3	192.9
77.5°	186.0	183.8	179.0	174.1	169.1	164.1	158.8	153.4	156.8	160.2	164.7
80°	150.1	147.1	143.5	139.8	135.6	131.3	126.9	122.5	125.4	128.1	132.0
82.5°	109.2	104.0	96.2	88.5	89.9	91.4	91.7	92.1	94.1	96.1	98.0
85°	66.2	60.0	52.6	45.3	49.4	53.5	55.4	57.3	59.6	61.8	63.8
87.5°	28.9	26.3	23.3	20.2	23.4	26.4	26.5	26.6	27.1	27.5	28.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NAV-SB1B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	680.8	687.1	692.7	698.4	704.3	710.3	716.4	722.4	728.5	734.2	739.8
5°	674.8	685.7	696.8	708.6	720.3	732.9	745.5	758.0	770.5	783.0	795.5
7.5°	672.6	686.7	701.9	718.3	734.7	753.3	771.9	791.0	810.2	830.8	851.5
10°	673.6	688.9	707.6	726.9	746.3	769.0	791.6	816.8	842.0	868.3	894.4
12.5°	675.0	689.1	708.8	730.7	752.7	779.3	806.0	834.6	863.2	892.0	920.7
15°	669.3	680.7	702.4	727.9	753.2	783.9	814.7	845.6	876.7	906.7	936.6
17.5°	652.2	659.2	684.7	715.2	745.8	781.5	817.1	851.0	884.9	915.2	945.6
20°	624.2	626.1	655.8	693.6	731.5	774.7	817.8	855.2	892.4	923.9	955.5
22.5°	592.4	588.9	622.7	668.3	713.9	766.4	819.0	860.7	902.4	934.7	967.0
25°	561.6	551.9	586.6	640.0	693.4	758.2	823.1	870.8	918.6	950.2	981.7
27.5°	534.7	522.9	554.4	614.1	673.7	752.8	831.8	886.7	941.6	971.7	1001.8
30°	511.1	501.7	528.3	592.4	656.6	750.2	843.8	907.2	970.7	999.8	1028.9
32.5°	490.3	486.2	507.5	573.8	640.0	747.0	854.0	928.6	1003.2	1032.0	1060.9
35°	470.7	472.4	490.3	555.4	620.6	741.1	861.6	953.0	1044.4	1072.0	1099.6
37.5°	450.2	456.4	472.0	533.8	595.6	730.8	866.1	980.3	1094.6	1129.8	1165.0
40°	427.6	437.3	451.4	508.1	564.7	716.8	868.9	1015.1	1161.1	1212.4	1263.7
42.5°	403.7	415.9	429.0	479.6	530.3	702.2	874.3	1060.4	1246.5	1320.6	1394.6
45°	380.0	391.8	405.0	449.5	493.8	688.8	883.8	1120.1	1356.5	1456.4	1556.4
47.5°	358.9	368.9	385.9	425.5	465.1	677.6	890.2	1183.8	1477.3	1618.0	1758.6
50°	340.2	351.9	374.3	409.7	445.1	665.5	885.9	1242.8	1599.6	1811.6	2023.7
52.5°	326.3	342.7	368.4	399.2	430.1	645.0	860.0	1281.0	1702.2	2015.0	2327.9
55°	318.9	343.6	367.6	391.7	415.7	611.0	806.3	1272.6	1739.0	2195.4	2651.8
57.5°	314.4	344.5	365.6	382.6	399.6	563.0	726.4	1213.2	1700.1	2323.3	2946.4
60°	310.3	341.6	355.6	368.9	382.3	500.8	619.3	1102.6	1585.9	2355.1	3124.5
62.5°	305.3	334.5	336.2	345.0	353.9	426.3	498.7	952.9	1407.3	2220.7	3034.0
65°	295.1	317.3	317.1	321.3	325.5	359.3	393.0	800.3	1207.7	2030.3	2853.1
67.5°	276.9	289.4	289.9	287.6	285.3	294.9	304.4	650.8	997.1	1803.9	2610.6
70°	253.7	257.8	257.8	246.9	236.1	233.3	230.6	512.4	794.2	1556.8	2319.3
72.5°	227.9	227.9	225.2	209.8	194.4	186.1	177.8	391.8	605.6	1288.8	1972.1
75°	198.5	199.6	187.7	170.4	153.1	145.7	138.2	284.3	430.5	981.7	1533.0
77.5°	169.2	169.7	150.1	133.4	116.5	111.4	106.3	192.7	279.0	687.2	1095.3
80°	135.7	135.8	112.3	98.2	83.9	81.8	79.7	124.1	168.5	442.7	716.9
82.5°	99.8	98.7	78.7	68.3	57.8	57.3	57.0	76.4	95.7	256.2	416.7
85°	65.7	64.3	49.4	41.7	34.0	34.2	34.4	40.8	47.3	115.2	183.4
87.5°	29.0	27.2	21.0	17.8	14.8	15.0	15.1	16.9	18.8	37.7	56.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NAV-SB1B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	742.6	745.5	749.5	753.5	755.8	758.2	759.3	760.6	760.6	760.6	759.3
5°	805.3	815.2	824.8	834.6	839.9	845.2	848.4	851.6	851.6	851.6	848.4
7.5°	867.5	883.3	897.7	912.0	920.7	929.3	934.0	938.6	938.6	938.6	934.0
10°	913.3	932.1	948.9	965.8	975.9	986.0	990.6	995.1	995.1	995.1	990.6
12.5°	941.1	961.6	976.7	991.9	999.3	1006.7	1009.1	1011.6	1011.6	1011.6	1009.1
15°	954.3	971.9	981.4	991.0	991.3	991.5	988.8	986.3	986.3	986.3	988.8
17.5°	957.6	969.4	969.6	969.8	959.1	948.4	938.6	928.8	928.8	928.8	938.6
20°	959.7	963.8	951.3	938.8	915.1	891.5	874.3	857.2	857.2	857.2	874.3
22.5°	961.6	956.1	930.2	904.2	869.4	834.8	813.2	791.7	791.7	791.7	813.2
25°	964.6	947.5	908.0	868.6	826.5	784.2	761.7	739.1	739.1	739.1	761.7
27.5°	971.2	940.4	888.3	836.0	789.2	742.5	720.4	698.1	698.1	698.1	720.4
30°	983.2	937.5	873.1	808.8	760.1	711.5	690.8	670.2	670.2	670.2	690.8
32.5°	998.2	935.6	862.8	790.1	744.4	698.5	682.3	666.1	666.1	666.1	682.3
35°	1023.0	946.4	870.5	794.8	762.9	731.2	727.4	723.6	723.6	723.6	727.4
37.5°	1074.8	984.6	915.7	846.9	844.8	842.8	860.0	877.2	877.2	877.2	860.0
40°	1165.6	1067.5	1016.3	965.1	1001.2	1037.4	1079.4	1121.4	1121.4	1121.4	1079.4
42.5°	1297.3	1200.1	1170.6	1141.0	1219.9	1298.8	1375.1	1451.5	1451.5	1451.5	1375.1
45°	1468.9	1381.5	1368.5	1355.5	1481.8	1608.2	1733.7	1859.1	1859.1	1859.1	1733.7
47.5°	1673.5	1588.4	1585.9	1583.2	1765.6	1947.8	2131.4	2315.1	2315.1	2315.1	2131.4
50°	1918.6	1813.5	1814.0	1814.5	2049.4	2284.3	2526.8	2769.2	2769.2	2769.2	2526.8
52.5°	2200.7	2073.5	2060.7	2047.7	2328.4	2609.0	2909.1	3209.0	3209.0	3209.0	2909.1
55°	2526.1	2400.4	2350.3	2300.2	2612.5	2924.8	3282.5	3640.1	3640.1	3640.1	3282.5
57.5°	2878.0	2809.5	2709.0	2608.4	2923.8	3239.2	3644.2	4049.3	4049.3	4049.3	3644.2
60°	3230.7	3337.1	3212.1	3087.3	3385.8	3684.3	4117.8	4551.5	4551.5	4551.5	4117.8
62.5°	3324.5	3614.9	3600.8	3586.7	3860.2	4133.5	4546.1	4958.6	4958.6	4958.6	4546.1
65°	3125.6	3398.2	3452.2	3506.0	3853.5	4201.0	4601.0	5001.1	5221.5	5001.1	4601.0
67.5°	2869.8	3129.1	3154.3	3179.7	3541.7	3903.7	4305.4	4707.2	4879.8	4707.2	4305.4
70°	2601.2	2883.2	2894.6	2905.9	3229.7	3553.4	3899.1	4244.8	4340.8	4244.8	3899.1
72.5°	2295.7	2619.3	2627.5	2635.6	2888.9	3142.1	3401.1	3660.0	3669.7	3660.0	3401.1
75°	1867.9	2202.8	2232.9	2262.9	2460.0	2657.1	2839.4	3021.6	2972.8	3021.6	2839.4
77.5°	1407.9	1720.6	1763.6	1806.7	1956.4	2106.3	2235.5	2364.8	2280.8	2364.8	2235.5
80°	979.9	1242.9	1296.3	1349.8	1463.0	1576.0	1644.0	1711.9	1576.9	1711.9	1644.0
82.5°	596.6	776.3	836.1	895.8	973.7	1051.6	1079.9	1108.2	1002.1	1108.2	1079.9
85°	278.8	374.2	425.1	475.8	539.9	603.8	619.9	635.9	550.9	635.9	619.9
87.5°	88.9	121.0	149.2	177.6	209.6	241.6	243.0	244.4	205.1	244.4	243.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959946

CATALOG NUMBER: NAV-SB1B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	688.0	688.0	688.0	688.0	688.0	688.0	688.0
2.5°	758.2	755.8	753.5	749.5	745.5	742.6	739.8
5°	845.2	839.9	834.6	824.8	815.2	805.3	795.5
7.5°	929.3	920.7	912.0	897.7	883.3	867.5	851.5
10°	986.0	975.9	965.8	948.9	932.1	913.3	894.4
12.5°	1006.7	999.3	991.9	976.7	961.6	941.1	920.7
15°	991.5	991.3	991.0	981.4	971.9	954.3	936.6
17.5°	948.4	959.1	969.8	969.6	969.4	957.6	945.6
20°	891.5	915.1	938.8	951.3	963.8	959.7	955.5
22.5°	834.8	869.4	904.2	930.2	956.1	961.6	967.0
25°	784.2	826.5	868.6	908.0	947.5	964.6	981.7
27.5°	742.5	789.2	836.0	888.3	940.4	971.2	1001.8
30°	711.5	760.1	808.8	873.1	937.5	983.2	1028.9
32.5°	698.5	744.4	790.1	862.8	935.6	998.2	1060.9
35°	731.2	762.9	794.8	870.5	946.4	1023.0	1099.6
37.5°	842.8	844.8	846.9	915.7	984.6	1074.8	1165.0
40°	1037.4	1001.2	965.1	1016.3	1067.5	1165.6	1263.7
42.5°	1298.8	1219.9	1141.0	1170.6	1200.1	1297.3	1394.6
45°	1608.2	1481.8	1355.5	1368.5	1381.5	1468.9	1556.4
47.5°	1947.8	1765.6	1583.2	1585.9	1588.4	1673.5	1758.6
50°	2284.3	2049.4	1814.5	1814.0	1813.5	1918.6	2023.7
52.5°	2609.0	2328.4	2047.7	2060.7	2073.5	2200.7	2327.9
55°	2924.8	2612.5	2300.2	2350.3	2400.4	2526.1	2651.8
57.5°	3239.2	2923.8	2608.4	2709.0	2809.5	2878.0	2946.4
60°	3684.3	3385.8	3087.3	3212.1	3337.1	3230.7	3124.5
62.5°	4133.5	3860.2	3586.7	3600.8	3614.9	3324.5	3034.0
65°	4201.0	3853.5	3506.0	3452.2	3398.2	3125.6	2853.1
67.5°	3903.7	3541.7	3179.7	3154.3	3129.1	2869.8	2610.6
70°	3553.4	3229.7	2905.9	2894.6	2883.2	2601.2	2319.3
72.5°	3142.1	2888.9	2635.6	2627.5	2619.3	2295.7	1972.1
75°	2657.1	2460.0	2262.9	2232.9	2202.8	1867.9	1533.0
77.5°	2106.3	1956.4	1806.7	1763.6	1720.6	1407.9	1095.3
80°	1576.0	1463.0	1349.8	1296.3	1242.9	979.9	716.9
82.5°	1051.6	973.7	895.8	836.1	776.3	596.6	416.7
85°	603.8	539.9	475.8	425.1	374.2	278.8	183.4
87.5°	241.6	209.6	177.6	149.2	121.0	88.9	56.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)