

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: P970484

Luminaire Tested: **NAV-SB6B-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970484
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-SB6B-827-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30326.7 lumens
Efficiency: N/A
Efficacy: 137.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 220.4
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



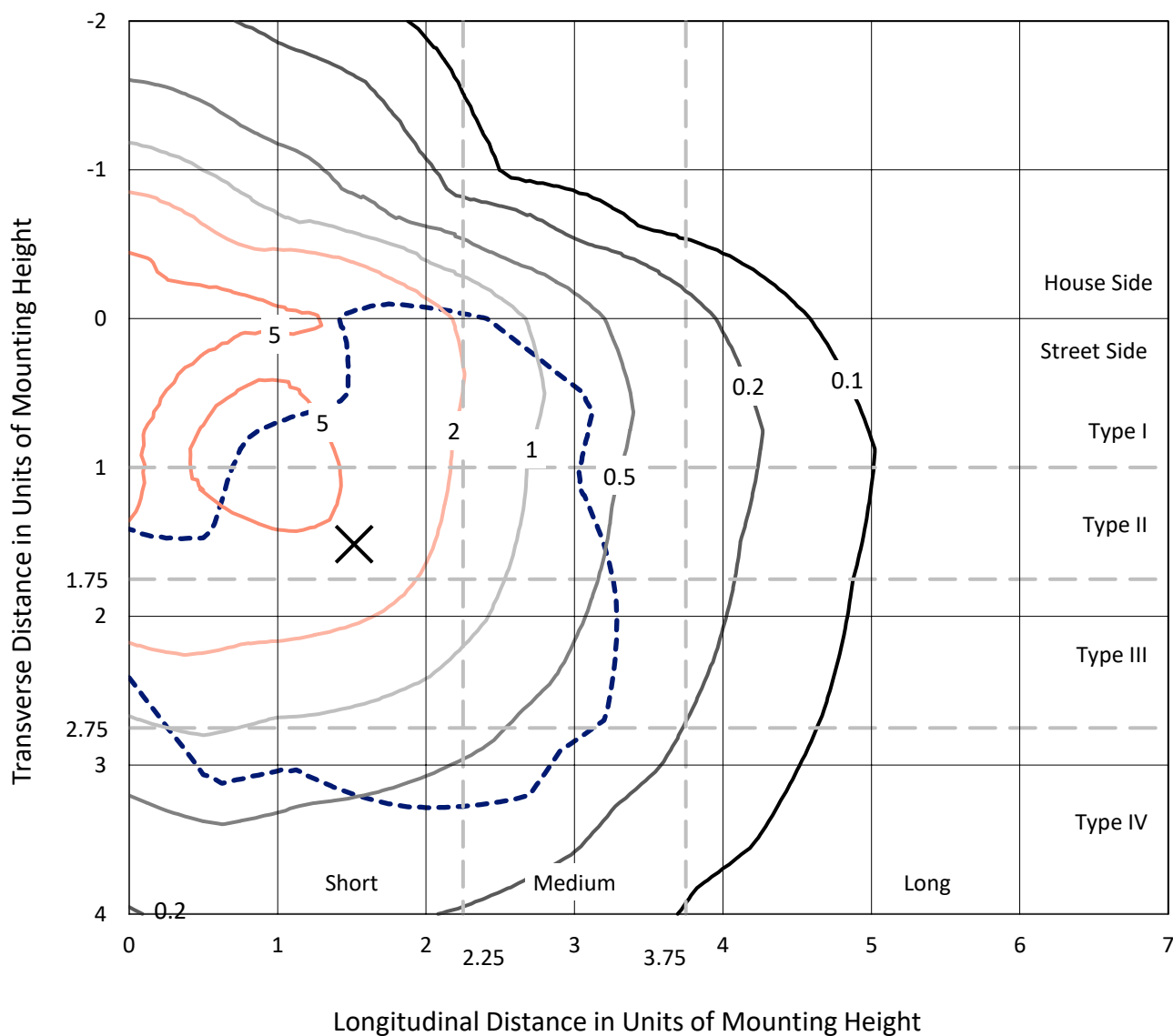
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

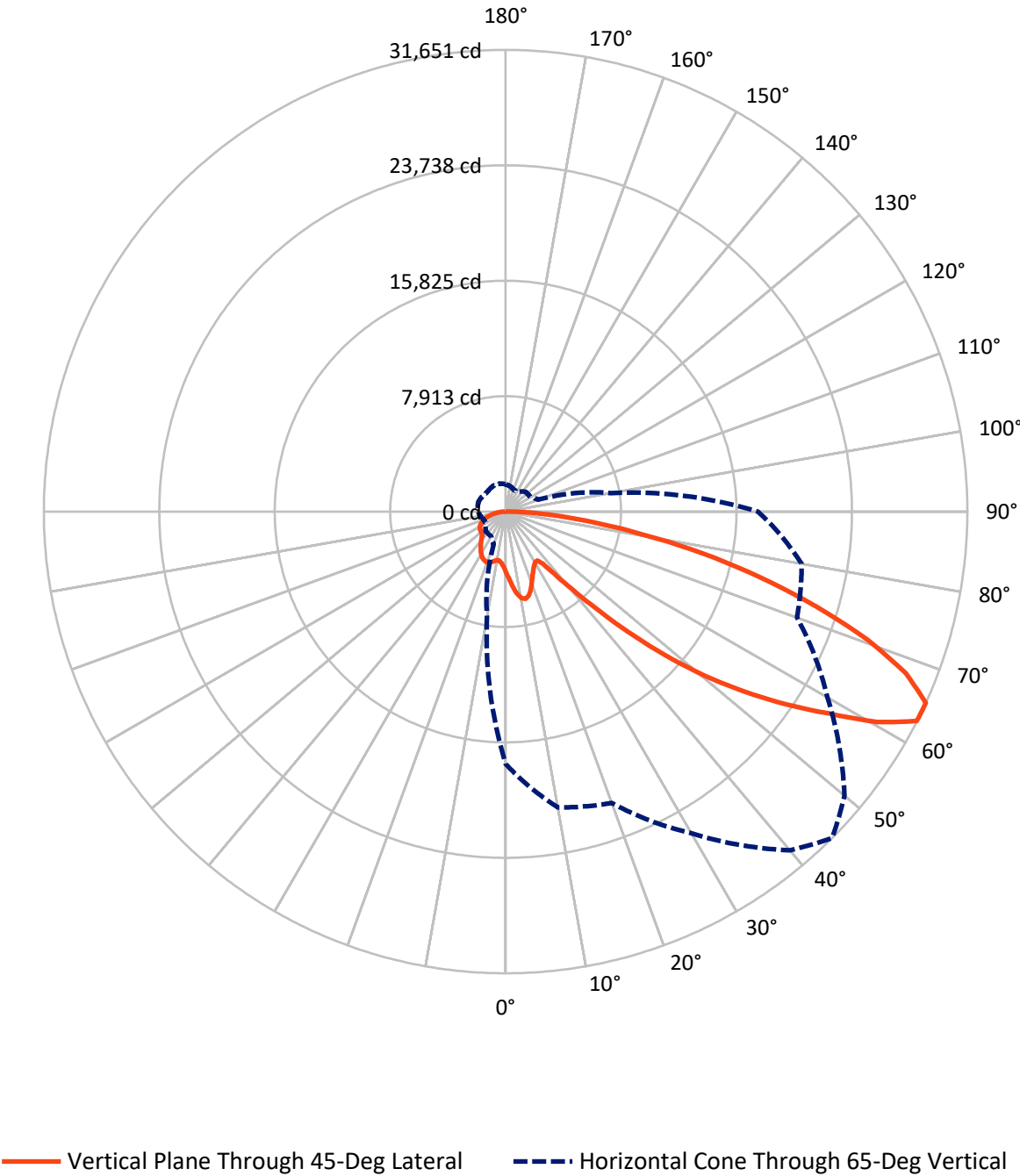


Based on 25 foot mounting height. Maximum calculated value = 9.2 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7707.5	0.0	7707.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	22619.2	0.0	22619.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	30326.7	0.0	30326.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.7	1.4
10°-20°	1298.6	4.3
20°-30°	2005.9	6.6
30°-40°	2542.0	8.4
40°-50°	3834.0	12.6
50°-60°	6194.4	20.4
60°-70°	7722.3	25.5
70°-80°	5063.9	16.7
80°-90°	1251.9	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°	30326.7	100.0
0°-180°	30326.7	100.0

Coefficient of Utilization



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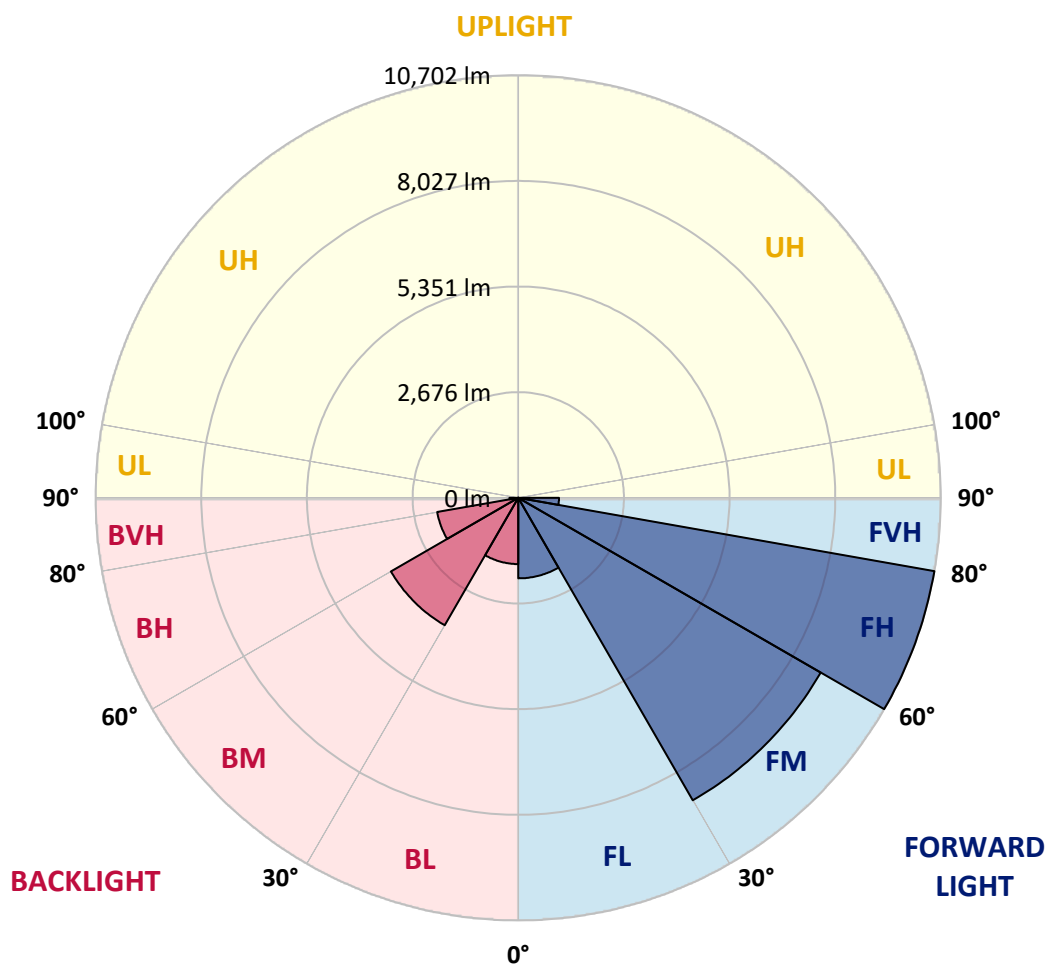
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2039.8	6.7			
FM	(30°-60°)	8845.6	29.2			
FH	(60°-80°)	10702.4	35.3			G4/12000
FVH	(80°-90°)	1031.3	3.4			G5
BL	(0°-30°)	1678.4	5.5	B3/2500		
BM	(30°-60°)	3724.7	12.3	B3/5000		
BH	(60°-80°)	2083.8	6.9	B3/2500		G3/2500
BVH	(80°-90°)	220.6	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	4484.6	4501.6	4518.7	4542.9	4567.0	4581.4	4595.8	4603.1	4610.2	4607.1	4610.2
5°	4822.3	4881.7	4941.1	5000.1	5059.1	5091.1	5123.2	5142.4	5162.0	5176.8	5162.0
7.5°	5161.5	5258.1	5354.7	5441.5	5528.4	5580.8	5633.1	5661.4	5689.6	5703.2	5689.6
10°	5421.5	5535.8	5650.1	5752.0	5854.0	5915.7	5977.2	6004.7	6032.0	6042.5	6032.0
12.5°	5580.8	5704.6	5828.4	5920.5	6012.3	6057.1	6101.9	6117.0	6132.1	6133.7	6132.1
15°	5677.6	5784.5	5891.2	5949.0	6006.9	6008.5	6010.1	5994.1	5978.1	5959.2	5978.1
17.5°	5732.0	5804.2	5876.3	5877.5	5878.4	5813.6	5748.8	5689.5	5629.9	5588.0	5629.9
20°	5792.0	5817.1	5842.4	5766.4	5690.4	5547.3	5404.3	5300.1	5195.9	5131.9	5195.9
22.5°	5861.6	5828.7	5795.7	5638.2	5480.8	5270.3	5059.9	4929.6	4799.4	4728.6	4799.4
25°	5951.3	5847.2	5743.2	5504.1	5265.0	5009.5	4754.0	4617.0	4480.3	4413.4	4480.3
27.5°	6072.8	5886.9	5700.7	5384.1	5067.6	4784.4	4501.1	4366.4	4231.8	4168.6	4231.8
30°	6236.8	5959.6	5682.4	5292.6	4902.8	4607.7	4312.6	4187.6	4062.7	4003.8	4062.7
32.5°	6430.5	6050.8	5671.2	5230.2	4789.1	4511.8	4234.5	4136.4	4038.2	3995.8	4038.2
35°	6665.7	6201.0	5736.5	5276.9	4817.5	4624.8	4432.3	4409.4	4386.5	4383.0	4386.5
37.5°	7061.7	6515.1	5968.5	5550.9	5133.2	5120.7	5108.2	5212.8	5317.5	5371.9	5317.5
40°	7660.2	7065.7	6471.3	6160.7	5850.1	6069.3	6288.6	6543.0	6797.4	6924.2	6797.4
42.5°	8454.0	7864.1	7274.3	7095.4	6916.5	7394.7	7872.8	8335.6	8798.3	9070.0	8798.3
45°	9434.1	8904.3	8374.2	8295.4	8216.3	8982.4	9748.6	10509.0	11269.6	11731.2	11269.6
47.5°	10659.9	10144.4	9628.8	9612.9	9596.9	10701.9	11806.8	12920.0	14033.2	14686.8	14033.2
50°	12266.5	11629.8	10993.2	10995.9	10998.7	12422.8	13847.0	15316.6	16786.0	17674.5	16786.0
52.5°	14110.8	13339.8	12569.0	12491.1	12413.0	14114.1	15815.3	17633.5	19451.5	20516.4	19451.5
55°	16074.3	15312.5	14550.8	14247.0	13943.1	15836.5	17729.6	19897.2	22064.7	23331.3	22064.7
57.5°	17860.1	17445.3	17030.4	16420.8	15811.4	17723.3	19635.0	22090.1	24545.0	26115.7	24545.0
60°	18939.4	19583.6	20228.1	19471.2	18714.2	20523.5	22332.7	24961.2	27589.7	29287.2	27589.7
62.5°	18391.4	20151.8	21912.1	21826.9	21741.4	23398.8	25056.3	27557.1	30057.8	31626.8	30057.8
65°	17294.4	18946.6	20598.8	20925.8	21252.6	23358.7	25465.1	27890.1	30314.9	31650.8	30314.9
67.5°	15824.6	17396.0	18967.4	19120.8	19273.9	21468.4	23662.8	26098.1	28533.5	29580.1	28533.5
70°	14058.8	15768.0	17477.3	17545.7	17614.4	19577.0	21539.4	23635.2	25730.8	26312.5	25730.8
72.5°	11954.5	13915.8	15877.5	15926.7	15975.9	17511.2	19046.7	20616.3	22185.8	22244.7	22185.8
75°	9292.4	11322.6	13352.6	13534.8	13717.1	14911.7	16106.2	17211.2	18316.1	18020.1	18316.1
77.5°	6639.3	8534.4	10429.5	10690.2	10951.1	11859.2	12767.4	13551.0	14334.8	13825.9	14334.8
80°	4345.4	5939.7	7533.9	7858.1	8182.3	8868.1	9553.6	9965.3	10376.7	9558.1	10376.7
82.5°	2525.9	3615.9	4706.0	5068.1	5430.3	5902.5	6374.5	6546.2	6717.7	6074.5	6717.7
85°	1111.3	1689.8	2268.3	2576.3	2884.4	3272.3	3660.1	3757.4	3854.9	3339.7	3854.9
87.5°	344.1	538.4	732.9	904.8	1076.7	1270.6	1464.5	1472.8	1481.0	1243.3	1481.0
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°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	4603.1	4595.8	4581.4	4567.0	4542.9	4518.7	4501.6	4484.6	4450.2	4415.8	4379.2
5°	5142.4	5123.2	5091.1	5059.1	5000.1	4941.1	4881.7	4822.3	4746.3	4670.2	4594.4
7.5°	5661.4	5633.1	5580.8	5528.4	5441.5	5354.7	5258.1	5161.5	5036.0	4910.8	4795.0
10°	6004.7	5977.2	5915.7	5854.0	5752.0	5650.1	5535.8	5421.5	5263.0	5104.4	4951.3
12.5°	6117.0	6101.9	6057.1	6012.3	5920.5	5828.4	5704.6	5580.8	5406.5	5232.4	5059.0
15°	5994.1	6010.1	6008.5	6006.9	5949.0	5891.2	5784.5	5677.6	5495.9	5314.3	5126.1
17.5°	5689.5	5748.8	5813.6	5878.4	5877.5	5876.3	5804.2	5732.0	5547.8	5363.6	5158.3
20°	5300.1	5404.3	5547.3	5690.4	5766.4	5842.4	5817.1	5792.0	5600.6	5409.0	5183.4
22.5°	4929.6	5059.9	5270.3	5480.8	5638.2	5795.7	5828.7	5861.6	5666.1	5470.3	5217.4
25°	4617.0	4754.0	5009.5	5265.0	5504.1	5743.2	5847.2	5951.3	5759.5	5568.0	5278.9
27.5°	4366.4	4501.1	4784.4	5067.6	5384.1	5700.7	5886.9	6072.8	5890.1	5707.2	5374.8
30°	4187.6	4312.6	4607.7	4902.8	5292.6	5682.4	5959.6	6236.8	6060.2	5883.7	5499.1
32.5°	4136.4	4234.5	4511.8	4789.1	5230.2	5671.2	6050.8	6430.5	6255.6	6080.8	5629.0
35°	4409.4	4432.3	4624.8	4817.5	5276.9	5736.5	6201.0	6665.7	6498.3	6330.8	5776.8
37.5°	5212.8	5108.2	5120.7	5133.2	5550.9	5968.5	6515.1	7061.7	6848.3	6634.8	5942.4
40°	6543.0	6288.6	6069.3	5850.1	6160.7	6471.3	7065.7	7660.2	7349.1	7038.1	6152.7
42.5°	8335.6	7872.8	7394.7	6916.5	7095.4	7274.3	7864.1	8454.0	8004.9	7555.9	6427.8
45°	10509.0	9748.6	8982.4	8216.3	8295.4	8374.2	8904.3	9434.1	8828.4	8222.8	6789.7
47.5°	12920.0	11806.8	10701.9	9596.9	9612.9	9628.8	10144.4	10659.9	9807.4	8954.8	7175.4
50°	15316.6	13847.0	12422.8	10998.7	10995.9	10993.2	11629.8	12266.5	10981.3	9696.1	7533.2
52.5°	17633.5	15815.3	14114.1	12413.0	12491.1	12569.0	13339.8	14110.8	12214.5	10318.3	7765.6
55°	19897.2	17729.6	15836.5	13943.1	14247.0	14550.8	15312.5	16074.3	13307.8	10541.5	7714.4
57.5°	22090.1	19635.0	17723.3	15811.4	16420.8	17030.4	17445.3	17860.1	14082.6	10305.1	7354.0
60°	24961.2	22332.7	20523.5	18714.2	19471.2	20228.1	19583.6	18939.4	14276.2	9612.9	6683.3
62.5°	27557.1	25056.3	23398.8	21741.4	21826.9	21912.1	20151.8	18391.4	13460.9	8530.5	5776.5
65°	27890.1	25465.1	23358.7	21252.6	20925.8	20598.8	18946.6	17294.4	12307.3	7320.2	4851.2
67.5°	26098.1	23662.8	21468.4	19273.9	19120.8	18967.4	17396.0	15824.6	10934.5	6044.3	3944.9
70°	23635.2	21539.4	19577.0	17614.4	17545.7	17477.3	15768.0	14058.8	9436.6	4814.2	3106.1
72.5°	20616.3	19046.7	17511.2	15975.9	15926.7	15877.5	13915.8	11954.5	7812.7	3670.9	2374.6
75°	17211.2	16106.2	14911.7	13717.1	13534.8	13352.6	11322.6	9292.4	5951.0	2609.6	1723.4
77.5°	13551.0	12767.4	11859.2	10951.1	10690.2	10429.5	8534.4	6639.3	4165.2	1691.1	1167.9
80°	9965.3	9553.6	8868.1	8182.3	7858.1	7533.9	5939.7	4345.4	2683.6	1021.7	752.5
82.5°	6546.2	6374.5	5902.5	5430.3	5068.1	4706.0	3615.9	2525.9	1553.2	580.6	462.8
85°	3757.4	3660.1	3272.3	2884.4	2576.3	2268.3	1689.8	1111.3	698.6	286.1	247.4
87.5°	1472.8	1464.5	1270.6	1076.7	904.8	732.9	538.4	344.1	228.9	113.6	102.6
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°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	4342.7	4305.9	4269.0	4233.9	4198.7	4164.6	4126.6	4095.9	4065.4	4037.7	4010.1
5°	4518.7	4442.3	4366.2	4295.0	4223.8	4156.6	4090.2	4032.2	3974.1	3925.5	3877.1
7.5°	4679.0	4566.3	4453.4	4354.0	4254.7	4162.9	4077.0	4000.0	3923.0	3858.9	3795.0
10°	4798.2	4661.3	4524.1	4406.7	4288.9	4175.7	4083.5	4002.1	3920.8	3856.9	3792.8
12.5°	4885.5	4723.8	4562.3	4429.2	4296.3	4177.4	4091.5	4024.9	3958.7	3916.0	3873.8
15°	4937.9	4751.9	4565.8	4411.8	4257.8	4126.1	4057.4	4025.5	3993.8	3999.6	4005.4
17.5°	4953.0	4736.9	4521.0	4335.9	4150.6	3995.8	3953.3	3965.0	3976.6	4046.3	4116.1
20°	4957.8	4696.0	4434.3	4204.8	3975.3	3795.0	3783.7	3838.1	3892.5	4013.7	4135.0
22.5°	4964.2	4645.8	4327.3	4051.0	3774.6	3569.3	3591.2	3671.8	3752.2	3890.5	4029.1
25°	4989.5	4596.2	4203.0	3879.2	3555.7	3345.3	3404.4	3497.3	3590.1	3714.4	3838.9
27.5°	5042.3	4563.0	4083.8	3722.3	3360.8	3169.2	3241.3	3330.8	3420.4	3522.7	3624.8
30°	5114.6	4547.5	3980.1	3591.1	3202.0	3041.2	3097.8	3168.8	3240.1	3324.9	3409.8
32.5°	5177.1	4528.3	3879.2	3477.9	3076.4	2946.8	2971.9	3014.0	3056.1	3123.8	3191.6
35°	5222.8	4492.2	3761.9	3366.7	2971.6	2863.6	2853.2	2864.7	2876.4	2928.1	2979.6
37.5°	5250.0	4430.3	3610.5	3235.8	2861.2	2766.8	2728.7	2715.9	2703.1	2740.2	2777.1
40°	5267.2	4344.9	3422.9	3079.6	2736.3	2650.8	2592.3	2563.4	2534.4	2561.2	2587.9
42.5°	5299.7	4256.9	3214.5	2907.3	2600.0	2521.2	2447.5	2409.2	2370.7	2392.5	2414.4
45°	5356.8	4175.1	2993.7	2724.2	2454.8	2374.7	2303.5	2266.1	2228.8	2247.0	2265.6
47.5°	5395.9	4107.6	2819.3	2579.4	2339.6	2236.3	2175.0	2143.7	2112.3	2129.5	2146.7
50°	5370.4	4034.0	2697.7	2483.3	2268.8	2133.1	2061.9	2034.0	2006.3	2033.3	2060.2
52.5°	5212.7	3909.7	2606.8	2419.8	2233.1	2077.1	1977.5	1950.1	1922.7	1963.2	2003.5
55°	4887.1	3703.5	2520.1	2373.9	2227.8	2082.7	1932.7	1889.2	1845.8	1903.3	1960.6
57.5°	4403.0	3412.9	2422.7	2319.5	2216.4	2088.3	1905.9	1842.5	1779.1	1840.9	1902.7
60°	3753.8	3035.6	2317.4	2236.3	2155.2	2070.7	1880.6	1798.5	1716.3	1770.5	1824.6
62.5°	3022.5	2584.0	2145.5	2091.6	2037.9	2027.4	1851.2	1748.4	1645.8	1680.3	1714.6
65°	2382.4	2177.7	1973.1	1947.6	1922.2	1923.5	1789.0	1679.9	1570.6	1583.9	1597.1
67.5°	1845.4	1787.3	1729.1	1743.3	1757.4	1753.9	1678.3	1587.4	1496.5	1492.4	1488.2
70°	1397.8	1414.4	1430.9	1496.8	1562.6	1562.6	1537.8	1473.1	1408.6	1394.1	1379.8
72.5°	1078.2	1128.3	1178.5	1272.0	1365.3	1381.0	1381.3	1337.0	1292.6	1271.5	1250.6
75°	837.2	882.7	928.1	1032.8	1137.4	1209.8	1203.7	1169.6	1135.4	1115.2	1094.9
77.5°	644.5	675.5	706.5	808.1	909.7	1028.9	1025.7	998.4	971.0	950.5	930.1
80°	483.3	496.1	508.9	595.0	680.9	823.3	822.9	799.9	776.9	759.8	742.5
82.5°	345.3	347.6	350.1	413.5	476.8	598.5	605.2	594.0	582.8	570.6	558.5
85°	208.8	207.7	206.4	252.9	299.2	389.7	398.4	386.4	374.4	360.8	347.3
87.5°	91.5	90.4	89.3	108.1	127.2	164.8	176.0	171.2	166.5	163.9	161.3
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-SB6B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	3986.0	3961.8	3937.5	3913.3	3894.6	3875.7	3860.6	3845.3	3833.5	3821.6	3810.7
5°	3834.1	3791.3	3752.3	3713.3	3683.4	3653.3	3632.4	3611.4	3596.5	3581.7	3570.3
7.5°	3741.0	3686.9	3639.3	3591.7	3556.0	3520.5	3495.6	3470.5	3453.4	3436.5	3426.3
10°	3734.8	3676.5	3622.9	3569.3	3526.7	3484.0	3456.2	3428.0	3411.8	3395.7	3387.0
12.5°	3828.1	3782.6	3727.1	3671.8	3617.3	3562.9	3526.9	3490.8	3472.8	3454.9	3447.5
15°	3993.5	3981.7	3933.5	3885.4	3807.9	3730.5	3675.8	3621.0	3595.9	3570.9	3561.3
17.5°	4153.2	4190.2	4151.2	4112.6	4010.0	3907.4	3826.7	3746.2	3709.0	3671.8	3659.6
20°	4212.5	4290.2	4272.3	4254.2	4136.9	4019.7	3920.8	3822.1	3774.6	3726.9	3711.7
22.5°	4130.0	4231.0	4241.9	4252.6	4140.6	4028.6	3926.8	3824.9	3774.8	3724.5	3707.7
25°	3938.4	4037.7	4074.8	4111.8	4019.9	3928.2	3837.7	3747.4	3703.8	3660.5	3644.7
27.5°	3704.6	3784.2	3825.5	3866.9	3801.5	3736.2	3665.9	3595.7	3566.6	3537.3	3530.1
30°	3475.9	3542.1	3575.7	3609.3	3559.5	3509.6	3459.4	3408.8	3393.9	3378.9	3378.9
32.5°	3255.0	3318.5	3355.8	3393.3	3347.5	3301.6	3261.4	3221.3	3211.5	3201.7	3203.0
35°	3042.3	3105.2	3150.0	3194.8	3162.2	3129.7	3092.6	3055.6	3040.8	3026.0	3022.8
37.5°	2839.8	2902.5	2957.8	3013.2	2998.2	2983.2	2949.0	2914.8	2887.7	2860.9	2846.6
40°	2648.4	2708.9	2772.5	2836.4	2840.1	2843.6	2814.6	2785.6	2746.3	2707.2	2680.7
42.5°	2471.7	2529.2	2598.0	2666.7	2685.2	2703.5	2679.0	2654.7	2606.0	2557.2	2518.6
45°	2320.0	2374.4	2445.8	2517.2	2543.5	2570.0	2547.8	2525.9	2470.1	2414.4	2369.1
47.5°	2200.0	2253.2	2323.6	2393.9	2424.3	2454.8	2439.4	2424.0	2374.4	2324.8	2282.9
50°	2110.6	2160.6	2223.6	2286.7	2325.7	2364.8	2363.9	2363.2	2323.6	2283.8	2245.2
52.5°	2049.6	2095.5	2154.2	2213.1	2259.3	2305.6	2313.9	2322.2	2290.0	2257.6	2222.9
55°	2010.2	2059.8	2111.3	2162.8	2211.6	2260.8	2272.3	2283.8	2255.7	2227.5	2197.1
57.5°	1960.9	2019.1	2070.1	2121.1	2170.5	2219.8	2231.5	2243.2	2214.7	2186.2	2156.2
60°	1891.4	1958.4	2010.0	2061.9	2111.5	2161.1	2173.9	2186.7	2158.9	2131.2	2100.1
62.5°	1792.5	1870.6	1925.9	1981.1	2026.5	2071.9	2084.3	2096.6	2071.5	2046.4	2013.7
65°	1680.6	1764.2	1817.0	1869.9	1909.9	1949.9	1962.5	1975.0	1950.8	1926.7	1895.0
67.5°	1565.4	1642.7	1692.7	1742.6	1777.2	1811.8	1824.1	1836.3	1814.0	1791.9	1762.5
70°	1447.6	1515.4	1558.6	1601.9	1633.0	1664.2	1676.1	1687.9	1669.8	1651.8	1623.6
72.5°	1304.0	1357.3	1396.4	1435.4	1466.0	1496.5	1510.6	1524.7	1509.6	1494.7	1467.7
75°	1134.6	1174.2	1209.6	1245.0	1272.8	1300.6	1315.4	1330.1	1322.8	1315.4	1292.8
77.5°	962.4	994.6	1024.9	1055.3	1084.7	1113.8	1127.5	1141.2	1131.1	1120.4	1097.8
80°	769.4	796.1	821.7	847.4	869.6	891.6	909.9	928.1	923.6	919.3	888.8
82.5°	556.3	554.0	545.0	536.1	583.4	630.8	661.8	692.9	691.0	688.9	663.2
85°	335.7	324.0	299.2	274.4	318.8	363.3	401.7	440.0	436.9	433.7	413.5
87.5°	160.8	160.3	141.4	122.4	140.9	159.7	175.3	190.8	186.9	182.8	172.5
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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CATALOG NUMBER: NAV-SB6B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	3799.8	3786.1	3799.8	3810.7	3821.6	3833.5	3845.3	3860.6	3875.7	3894.6	3913.3
5°	3558.9	3547.7	3558.9	3570.3	3581.7	3596.5	3611.4	3632.4	3653.3	3683.4	3713.3
7.5°	3416.1	3408.4	3416.1	3426.3	3436.5	3453.4	3470.5	3495.6	3520.5	3556.0	3591.7
10°	3378.4	3374.9	3378.4	3387.0	3395.7	3411.8	3428.0	3456.2	3484.0	3526.7	3569.3
12.5°	3440.2	3438.9	3440.2	3447.5	3454.9	3472.8	3490.8	3526.9	3562.9	3617.3	3671.8
15°	3551.7	3550.9	3551.7	3561.3	3570.9	3595.9	3621.0	3675.8	3730.5	3807.9	3885.4
17.5°	3647.3	3645.3	3647.3	3659.6	3671.8	3709.0	3746.2	3826.7	3907.4	4010.0	4112.6
20°	3696.6	3691.7	3696.6	3711.7	3726.9	3774.6	3822.1	3920.8	4019.7	4136.9	4254.2
22.5°	3690.9	3683.7	3690.9	3707.7	3724.5	3774.8	3824.9	3926.8	4028.6	4140.6	4252.6
25°	3629.0	3619.7	3629.0	3644.7	3660.5	3703.8	3747.4	3837.7	3928.2	4019.9	4111.8
27.5°	3522.9	3520.5	3522.9	3530.1	3537.3	3566.6	3595.7	3665.9	3736.2	3801.5	3866.9
30°	3378.9	3381.3	3378.9	3378.9	3378.9	3393.9	3408.8	3459.4	3509.6	3559.5	3609.3
32.5°	3204.5	3206.8	3204.5	3203.0	3201.7	3211.5	3221.3	3261.4	3301.6	3347.5	3393.3
35°	3019.6	3018.0	3019.6	3022.8	3026.0	3040.8	3055.6	3092.6	3129.7	3162.2	3194.8
37.5°	2832.4	2824.4	2832.4	2846.6	2860.9	2887.7	2914.8	2949.0	2983.2	2998.2	3013.2
40°	2654.4	2638.8	2654.4	2680.7	2707.2	2746.3	2785.6	2814.6	2843.6	2840.1	2836.4
42.5°	2480.0	2454.8	2480.0	2518.6	2557.2	2606.0	2654.7	2679.0	2703.5	2685.2	2666.7
45°	2323.9	2294.7	2323.9	2369.1	2414.4	2470.1	2525.9	2547.8	2570.0	2543.5	2517.2
47.5°	2241.1	2213.1	2241.1	2282.9	2324.8	2374.4	2424.0	2439.4	2454.8	2424.3	2393.9
50°	2206.4	2179.5	2206.4	2245.2	2283.8	2323.6	2363.2	2363.9	2364.8	2325.7	2286.7
52.5°	2188.3	2163.5	2188.3	2222.9	2257.6	2290.0	2322.2	2313.9	2305.6	2259.3	2213.1
55°	2166.7	2144.3	2166.7	2197.1	2227.5	2255.7	2283.8	2272.3	2260.8	2211.6	2162.8
57.5°	2125.8	2102.7	2125.8	2156.2	2186.2	2214.7	2243.2	2231.5	2219.8	2170.5	2121.1
60°	2069.1	2045.1	2069.1	2100.1	2131.2	2158.9	2186.7	2173.9	2161.1	2111.5	2061.9
62.5°	1981.1	1952.3	1981.1	2013.7	2046.4	2071.5	2096.6	2084.3	2071.9	2026.5	1981.1
65°	1863.4	1838.6	1863.4	1895.0	1926.7	1950.8	1975.0	1962.5	1949.9	1909.9	1869.9
67.5°	1733.1	1710.6	1733.1	1762.5	1791.9	1814.0	1836.3	1824.1	1811.8	1777.2	1742.6
70°	1595.4	1569.8	1595.4	1623.6	1651.8	1669.8	1687.9	1676.1	1664.2	1633.0	1601.9
72.5°	1441.0	1416.2	1441.0	1467.7	1494.7	1509.6	1524.7	1510.6	1496.5	1466.0	1435.4
75°	1270.3	1246.6	1270.3	1292.8	1315.4	1322.8	1330.1	1315.4	1300.6	1272.8	1245.0
77.5°	1075.0	1056.2	1075.0	1097.8	1120.4	1131.1	1141.2	1127.5	1113.8	1084.7	1055.3
80°	858.0	822.6	858.0	888.8	919.3	923.6	928.1	909.9	891.6	869.6	847.4
82.5°	637.2	614.5	637.2	663.2	688.9	691.0	692.9	661.8	630.8	583.4	536.1
85°	393.3	372.9	393.3	413.5	433.7	436.9	440.0	401.7	363.3	318.8	274.4
87.5°	162.0	152.0	162.0	172.5	182.8	186.9	190.8	175.3	159.7	140.9	122.4
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: P970484

CATALOG NUMBER: NAV-SB6B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	3937.5	3961.8	3986.0	4010.1	4037.7	4065.4	4095.9	4126.6	4164.6	4198.7	4233.9
5°	3752.3	3791.3	3834.1	3877.1	3925.5	3974.1	4032.2	4090.2	4156.6	4223.8	4295.0
7.5°	3639.3	3686.9	3741.0	3795.0	3858.9	3923.0	4000.0	4077.0	4162.9	4254.7	4354.0
10°	3622.9	3676.5	3734.8	3792.8	3856.9	3920.8	4002.1	4083.5	4175.7	4288.9	4406.7
12.5°	3727.1	3782.6	3828.1	3873.8	3916.0	3958.7	4024.9	4091.5	4177.4	4296.3	4429.2
15°	3933.5	3981.7	3993.5	4005.4	3999.6	3993.8	4025.5	4057.4	4126.1	4257.8	4411.8
17.5°	4151.2	4190.2	4153.2	4116.1	4046.3	3976.6	3965.0	3953.3	3995.8	4150.6	4335.9
20°	4272.3	4290.2	4212.5	4135.0	4013.7	3892.5	3838.1	3783.7	3795.0	3975.3	4204.8
22.5°	4241.9	4231.0	4130.0	4029.1	3890.5	3752.2	3671.8	3591.2	3569.3	3774.6	4051.0
25°	4074.8	4037.7	3938.4	3838.9	3714.4	3590.1	3497.3	3404.4	3345.3	3555.7	3879.2
27.5°	3825.5	3784.2	3704.6	3624.8	3522.7	3420.4	3330.8	3241.3	3169.2	3360.8	3722.3
30°	3575.7	3542.1	3475.9	3409.8	3324.9	3240.1	3168.8	3097.8	3041.2	3202.0	3591.1
32.5°	3355.8	3318.5	3255.0	3191.6	3123.8	3056.1	3014.0	2971.9	2946.8	3076.4	3477.9
35°	3150.0	3105.2	3042.3	2979.6	2928.1	2876.4	2864.7	2853.2	2863.6	2971.6	3366.7
37.5°	2957.8	2902.5	2839.8	2777.1	2740.2	2703.1	2715.9	2728.7	2766.8	2861.2	3235.8
40°	2772.5	2708.9	2648.4	2587.9	2561.2	2534.4	2563.4	2592.3	2650.8	2736.3	3079.6
42.5°	2598.0	2529.2	2471.7	2414.4	2392.5	2370.7	2409.2	2447.5	2521.2	2600.0	2907.3
45°	2445.8	2374.4	2320.0	2265.6	2247.0	2228.8	2266.1	2303.5	2374.7	2454.8	2724.2
47.5°	2323.6	2253.2	2200.0	2146.7	2129.5	2112.3	2143.7	2175.0	2236.3	2339.6	2579.4
50°	2223.6	2160.6	2110.6	2060.2	2033.3	2006.3	2034.0	2061.9	2133.1	2268.8	2483.3
52.5°	2154.2	2095.5	2049.6	2003.5	1963.2	1922.7	1950.1	1977.5	2077.1	2233.1	2419.8
55°	2111.3	2059.8	2010.2	1960.6	1903.3	1845.8	1889.2	1932.7	2082.7	2227.8	2373.9
57.5°	2070.1	2019.1	1960.9	1902.7	1840.9	1779.1	1842.5	1905.9	2088.3	2216.4	2319.5
60°	2010.0	1958.4	1891.4	1824.6	1770.5	1716.3	1798.5	1880.6	2070.7	2155.2	2236.3
62.5°	1925.9	1870.6	1792.5	1714.6	1680.3	1645.8	1748.4	1851.2	2027.4	2037.9	2091.6
65°	1817.0	1764.2	1680.6	1597.1	1583.9	1570.6	1679.9	1789.0	1923.5	1922.2	1947.6
67.5°	1692.7	1642.7	1565.4	1488.2	1492.4	1496.5	1587.4	1678.3	1753.9	1757.4	1743.3
70°	1558.6	1515.4	1447.6	1379.8	1394.1	1408.6	1473.1	1537.8	1562.6	1562.6	1496.8
72.5°	1396.4	1357.3	1304.0	1250.6	1271.5	1292.6	1337.0	1381.3	1381.0	1365.3	1272.0
75°	1209.6	1174.2	1134.6	1094.9	1115.2	1135.4	1169.6	1203.7	1209.8	1137.4	1032.8
77.5°	1024.9	994.6	962.4	930.1	950.5	971.0	998.4	1025.7	1028.9	909.7	808.1
80°	821.7	796.1	769.4	742.5	759.8	776.9	799.9	822.9	823.3	680.9	595.0
82.5°	545.0	554.0	556.3	558.5	570.6	582.8	594.0	605.2	598.5	476.8	413.5
85°	299.2	324.0	335.7	347.3	360.8	374.4	386.4	398.4	389.7	299.2	252.9
87.5°	141.4	160.3	160.8	161.3	163.9	166.5	171.2	176.0	164.8	127.2	108.1
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-SB6B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2	4170.2
2.5°	4269.0	4305.9	4342.7	4379.2	4415.8	4450.2	4484.6
5°	4366.2	4442.3	4518.7	4594.4	4670.2	4746.3	4822.3
7.5°	4453.4	4566.3	4679.0	4795.0	4910.8	5036.0	5161.5
10°	4524.1	4661.3	4798.2	4951.3	5104.4	5263.0	5421.5
12.5°	4562.3	4723.8	4885.5	5059.0	5232.4	5406.5	5580.8
15°	4565.8	4751.9	4937.9	5126.1	5314.3	5495.9	5677.6
17.5°	4521.0	4736.9	4953.0	5158.3	5363.6	5547.8	5732.0
20°	4434.3	4696.0	4957.8	5183.4	5409.0	5600.6	5792.0
22.5°	4327.3	4645.8	4964.2	5217.4	5470.3	5666.1	5861.6
25°	4203.0	4596.2	4989.5	5278.9	5568.0	5759.5	5951.3
27.5°	4083.8	4563.0	5042.3	5374.8	5707.2	5890.1	6072.8
30°	3980.1	4547.5	5114.6	5499.1	5883.7	6060.2	6236.8
32.5°	3879.2	4528.3	5177.1	5629.0	6080.8	6255.6	6430.5
35°	3761.9	4492.2	5222.8	5776.8	6330.8	6498.3	6665.7
37.5°	3610.5	4430.3	5250.0	5942.4	6634.8	6848.3	7061.7
40°	3422.9	4344.9	5267.2	6152.7	7038.1	7349.1	7660.2
42.5°	3214.5	4256.9	5299.7	6427.8	7555.9	8004.9	8454.0
45°	2993.7	4175.1	5356.8	6789.7	8222.8	8828.4	9434.1
47.5°	2819.3	4107.6	5395.9	7175.4	8954.8	9807.4	10659.9
50°	2697.7	4034.0	5370.4	7533.2	9696.1	10981.3	12266.5
52.5°	2606.8	3909.7	5212.7	7765.6	10318.3	12214.5	14110.8
55°	2520.1	3703.5	4887.1	7714.4	10541.5	13307.8	16074.3
57.5°	2422.7	3412.9	4403.0	7354.0	10305.1	14082.6	17860.1
60°	2317.4	3035.6	3753.8	6683.3	9612.9	14276.2	18939.4
62.5°	2145.5	2584.0	3022.5	5776.5	8530.5	13460.9	18391.4
65°	1973.1	2177.7	2382.4	4851.2	7320.2	12307.3	17294.4
67.5°	1729.1	1787.3	1845.4	3944.9	6044.3	10934.5	15824.6
70°	1430.9	1414.4	1397.8	3106.1	4814.2	9436.6	14058.8
72.5°	1178.5	1128.3	1078.2	2374.6	3670.9	7812.7	11954.5
75°	928.1	882.7	837.2	1723.4	2609.6	5951.0	9292.4
77.5°	706.5	675.5	644.5	1167.9	1691.1	4165.2	6639.3
80°	508.9	496.1	483.3	752.5	1021.7	2683.6	4345.4
82.5°	350.1	347.6	345.3	462.8	580.6	1553.2	2525.9
85°	206.4	207.7	208.8	247.4	286.1	698.6	1111.3
87.5°	89.3	90.4	91.5	102.6	113.6	228.9	344.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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