

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: P971540

Luminaire Tested: **NAV-SB6D-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P971540
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-SB6D-827-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 54803.7 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 440.1
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

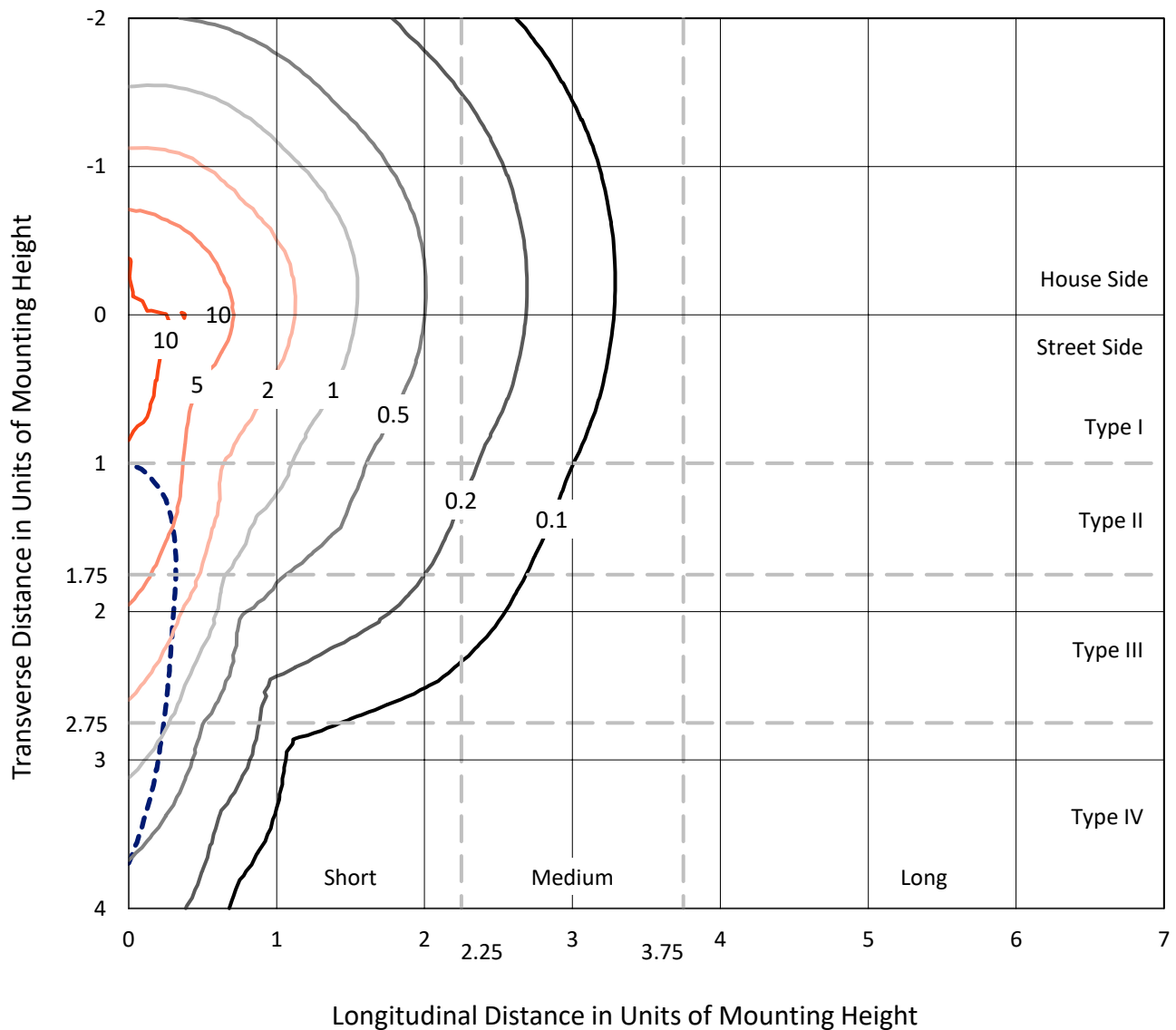


REPORT NUMBER: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

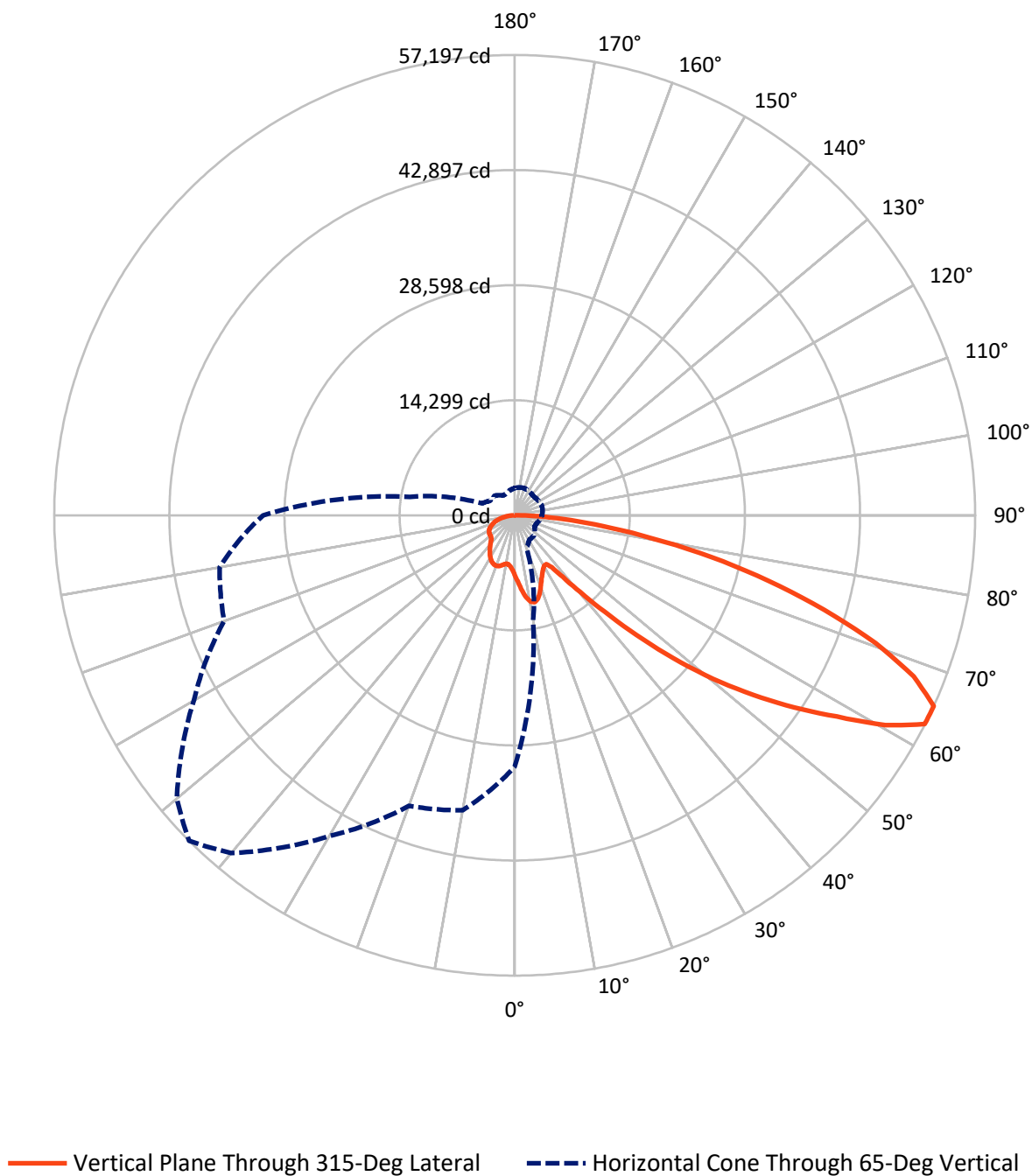


Based on 25 foot mounting height. Maximum calculated value = 14.9 fc

Type IV - Short - N/A

REPORT NUMBER: P971540
CATALOG NUMBER: NAV-SB6D-827-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P971540

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13928.3	0.0	13928.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	40875.3	0.0	40875.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	54803.7	0.0	54803.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	747.6	1.4
10°-20°	2346.8	4.3
20°-30°	3624.9	6.6
30°-40°	4593.7	8.4
40°-50°	6928.4	12.6
50°-60°	11193.9	20.4
60°-70°	13955.0	25.5
70°-80°	9151.0	16.7
80°-90°	2262.4	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°	54803.7	100.0
0°-180°	54803.7	100.0

Coefficient of Utilization



REPORT NUMBER: P971540

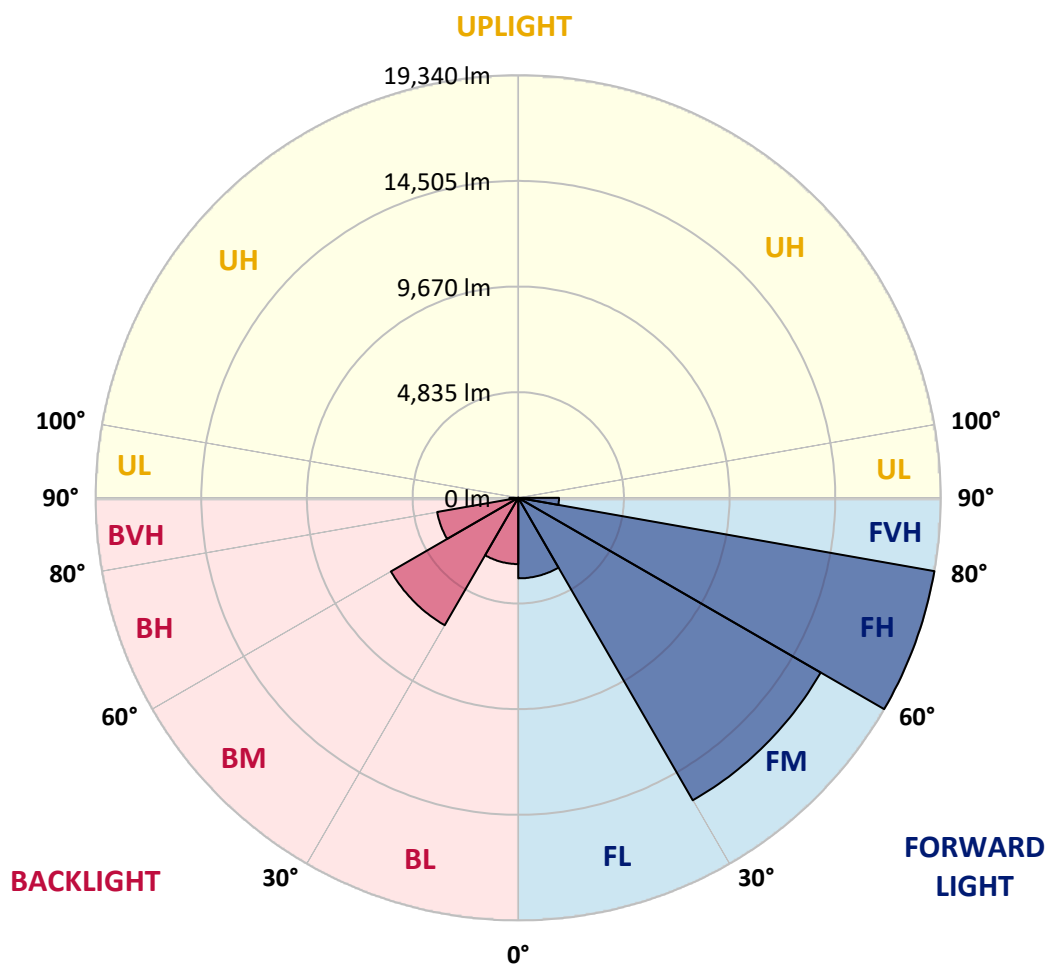
CATALOG NUMBER: NAV-SB6D-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3686.2	6.7			
FM	(30°-60°)	15985.0	29.2			
FH	(60°-80°)	19340.4	35.3			G5
FVH	(80°-90°)	1863.7	3.4			G5
BL	(0°-30°)	3033.1	5.5	B4/5000		
BM	(30°-60°)	6731.0	12.3	B4/8500		
BH	(60°-80°)	3765.6	6.9	B4/5000		G4/5000
BVH	(80°-90°)	398.7	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



REPORT NUMBER: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	8104.2	8042.0	7979.8	7913.6	7847.7	7781.2	7714.7	7651.1	7587.5	7525.9	7457.3
5°	8714.3	8577.0	8439.6	8302.6	8165.8	8027.9	7890.2	7761.5	7632.9	7511.4	7391.4
7.5°	9327.4	9100.8	8874.2	8664.9	8455.5	8251.7	8047.8	7868.2	7688.6	7523.0	7367.7
10°	9797.4	9510.8	9224.2	8947.4	8671.0	8423.4	8175.6	7963.4	7750.5	7546.0	7379.3
12.5°	10085.1	9770.2	9455.5	9142.1	8828.6	8536.5	8244.5	8004.1	7763.9	7549.0	7393.7
15°	10260.0	9931.8	9603.6	9263.5	8923.4	8587.1	8250.8	7972.7	7694.5	7456.5	7332.1
17.5°	10358.3	10025.5	9692.7	9321.7	8950.6	8560.3	8169.9	7835.3	7500.7	7220.8	7144.1
20°	10466.8	10121.0	9774.8	9367.1	8959.3	8486.2	8013.1	7598.4	7183.7	6857.9	6837.6
22.5°	10592.6	10239.2	9885.5	9428.4	8970.9	8395.4	7819.9	7320.6	6821.2	6450.1	6489.7
25°	10754.5	10408.1	10061.9	9539.4	9016.6	8305.8	7595.2	7010.3	6425.5	6045.2	6152.3
27.5°	10974.3	10644.1	10313.6	9712.9	9112.0	8245.9	7379.8	6726.6	6073.3	5727.2	5857.3
30°	11270.7	10951.4	10632.5	9937.6	9242.7	8217.8	7192.4	6489.5	5786.4	5495.8	5597.9
32.5°	11620.6	11304.5	10988.7	10172.1	9355.5	8183.2	7010.3	6285.0	5559.4	5325.2	5370.6
35°	12045.7	11743.2	11440.4	10439.3	9438.2	8117.8	6798.0	6084.0	5370.1	5174.8	5156.1
37.5°	12761.5	12375.6	11989.9	10738.6	9487.4	8005.9	6524.4	5847.4	5170.5	4999.8	4931.1
40°	13842.9	13280.8	12718.6	11118.6	9518.3	7851.8	6185.6	5565.2	4944.9	4790.2	4684.7
42.5°	15277.3	14465.8	13654.4	11615.7	9577.0	7692.7	5809.0	5253.7	4698.6	4556.0	4423.0
45°	17048.5	15953.9	14859.4	12269.9	9680.2	7544.9	5410.0	4923.0	4436.0	4291.4	4162.7
47.5°	19263.5	17723.2	16182.4	12966.8	9751.0	7422.9	5094.8	4661.3	4227.8	4041.3	3930.5
50°	22167.0	19844.5	17521.9	13613.3	9704.8	7289.9	4875.0	4487.4	4100.0	3854.7	3726.1
52.5°	25499.7	22073.0	18646.2	14033.3	9420.0	7065.2	4710.7	4373.0	4035.5	3753.6	3573.7
55°	29047.9	24048.7	19049.6	13940.7	8831.5	6692.7	4554.0	4289.9	4025.9	3763.7	3492.7
57.5°	32275.2	25448.8	18622.5	13289.4	7956.8	6167.6	4378.2	4191.6	4005.1	3773.7	3444.1
60°	34225.7	25798.7	17371.5	12077.5	6783.6	5485.7	4187.8	4041.3	3894.7	3742.0	3398.4
62.5°	33235.2	24325.4	15415.5	10438.7	5462.0	4669.7	3877.3	3779.9	3682.7	3663.9	3345.2
65°	31252.9	22240.7	13228.4	8766.7	4305.3	3935.4	3565.6	3519.5	3473.6	3475.9	3233.1
67.5°	28596.8	19759.8	10922.8	7128.8	3334.8	3229.9	3124.6	3150.3	3175.8	3169.4	3032.9
70°	25405.8	17052.8	8699.9	5612.9	2526.0	2556.0	2585.9	2705.0	2823.8	2823.8	2779.0
72.5°	21603.0	14118.2	6633.7	4291.2	1948.5	2039.0	2129.7	2298.7	2467.3	2495.6	2496.2
75°	16792.6	10754.2	4715.9	3114.5	1513.0	1595.1	1677.2	1866.3	2055.4	2186.2	2175.2
77.5°	11998.0	7527.0	3056.0	2110.4	1164.8	1220.6	1276.7	1460.3	1644.0	1859.5	1853.6
80°	7852.6	4849.5	1846.4	1359.8	873.3	896.5	919.6	1075.1	1230.4	1487.8	1487.0
82.5°	4564.6	2806.8	1049.1	836.3	624.0	628.1	632.7	747.2	861.7	1081.5	1093.7
85°	2008.4	1262.6	517.0	447.1	377.4	375.4	373.0	456.9	540.8	704.2	720.1
87.5°	621.8	413.5	205.3	185.3	165.4	163.4	161.3	195.5	229.9	297.9	318.1
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	7401.8	7346.6	7296.6	7246.7	7203.1	7159.4	7115.6	7071.9	7038.1	7003.9	6976.5
5°	7286.7	7181.8	7093.8	7006.2	6928.7	6851.2	6780.9	6710.4	6656.2	6601.9	6564.1
7.5°	7228.3	7089.2	6973.5	6857.9	6760.4	6662.7	6576.5	6490.6	6426.1	6361.9	6316.8
10°	7232.3	7085.4	6969.8	6854.1	6749.1	6643.8	6547.0	6450.1	6373.1	6296.0	6245.6
12.5°	7273.4	7153.7	7076.8	7000.4	6917.7	6835.6	6735.3	6635.2	6536.8	6438.5	6373.4
15°	7274.5	7217.3	7227.7	7238.1	7216.7	7195.3	7108.3	7021.2	6881.2	6741.3	6642.4
17.5°	7165.3	7186.1	7312.1	7438.2	7505.4	7572.1	7501.9	7431.9	7246.5	7061.1	6915.4
20°	6936.0	7034.3	7253.2	7472.4	7612.6	7752.9	7720.5	7687.8	7475.8	7264.2	7085.4
22.5°	6635.2	6780.7	7030.5	7280.9	7463.4	7645.9	7665.6	7684.9	7482.5	7280.1	7096.2
25°	6319.9	6487.7	6712.4	6937.4	7117.0	7296.6	7363.6	7430.4	7264.5	7098.7	6935.0
27.5°	6019.2	6181.2	6366.0	6550.5	6694.5	6838.5	6913.1	6987.9	6869.8	6751.8	6624.8
30°	5726.3	5855.3	6008.5	6161.8	6281.2	6400.9	6461.7	6522.4	6432.5	6342.3	6251.5
32.5°	5446.6	5522.7	5645.1	5767.7	5882.2	5997.0	6064.3	6132.1	6049.3	5966.3	5893.7
35°	5176.9	5198.0	5291.4	5384.5	5497.9	5611.5	5692.4	5773.4	5714.5	5655.7	5588.6
37.5°	4907.9	4884.8	4951.9	5018.7	5131.8	5245.1	5345.2	5445.2	5418.0	5390.9	5329.3
40°	4632.4	4580.0	4628.3	4676.6	4785.9	4895.2	5010.3	5125.7	5132.4	5138.7	5086.4
42.5°	4353.6	4284.2	4323.4	4363.1	4466.6	4570.5	4694.8	4819.1	4852.5	4885.7	4841.4
45°	4095.1	4027.6	4060.6	4094.2	4192.5	4290.9	4419.8	4548.7	4596.5	4644.2	4604.3
47.5°	3873.8	3817.1	3848.4	3879.3	3975.7	4071.6	4198.9	4326.1	4381.1	4436.0	4408.2
50°	3675.8	3625.7	3674.3	3723.2	3813.9	3904.4	4018.4	4132.4	4202.9	4273.4	4271.7
52.5°	3524.0	3474.4	3547.6	3620.5	3703.8	3786.8	3893.0	3999.3	4082.9	4166.5	4181.5
55°	3414.1	3335.7	3439.5	3543.0	3632.7	3722.3	3815.5	3908.2	3996.7	4085.5	4106.4
57.5°	3329.6	3215.1	3326.7	3438.4	3543.6	3648.9	3740.8	3833.1	3922.4	4011.4	4032.6
60°	3250.1	3101.4	3199.4	3297.2	3418.1	3538.9	3632.4	3726.1	3815.7	3905.4	3928.5
62.5°	3159.6	2974.2	3036.4	3098.6	3239.4	3380.4	3480.3	3580.0	3662.1	3744.3	3766.6
65°	3035.7	2838.3	2862.3	2886.0	3037.0	3188.2	3283.6	3379.0	3451.4	3523.6	3546.5
67.5°	2868.7	2704.4	2696.9	2689.4	2828.7	2968.4	3058.9	3149.1	3211.6	3274.1	3296.3
70°	2662.1	2545.4	2519.3	2493.3	2615.9	2738.5	2816.6	2894.7	2951.1	3007.5	3028.9
72.5°	2416.1	2336.0	2297.8	2259.9	2356.5	2452.8	2523.3	2594.0	2649.1	2704.4	2729.9
75°	2113.7	2051.7	2015.3	1978.6	2050.3	2122.0	2185.9	2249.8	2300.1	2350.4	2377.1
77.5°	1804.2	1754.7	1717.7	1680.7	1739.1	1797.2	1852.2	1907.1	1960.0	2012.7	2037.6
80°	1445.6	1403.9	1373.0	1341.8	1390.4	1438.7	1484.9	1531.2	1571.4	1611.3	1644.3
82.5°	1073.4	1053.2	1031.3	1009.2	1005.2	1001.1	984.9	968.7	1054.3	1139.9	1196.1
85°	698.3	676.7	652.1	627.5	606.7	585.6	540.8	495.9	576.0	656.4	725.8
87.5°	309.4	300.7	296.1	291.5	290.6	289.8	255.6	221.2	254.8	288.6	316.6
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	6949.0	6927.6	6906.1	6886.5	6866.6	6842.0	6866.6	6886.5	6906.1	6927.6	6949.0
5°	6526.2	6499.3	6472.4	6451.9	6431.4	6411.1	6431.4	6451.9	6472.4	6499.3	6526.2
7.5°	6271.7	6240.7	6210.1	6191.6	6173.4	6159.5	6173.4	6191.6	6210.1	6240.7	6271.7
10°	6194.8	6165.6	6136.4	6120.8	6105.1	6098.7	6105.1	6120.8	6136.4	6165.6	6194.8
12.5°	6308.5	6275.8	6243.4	6230.1	6216.7	6214.5	6216.7	6230.1	6243.4	6275.8	6308.5
15°	6543.5	6498.1	6453.0	6435.7	6418.3	6416.8	6418.3	6435.7	6453.0	6498.1	6543.5
17.5°	6769.6	6702.6	6635.2	6613.2	6591.0	6587.5	6591.0	6613.2	6635.2	6702.6	6769.6
20°	6907.1	6821.2	6735.0	6707.5	6680.0	6671.3	6680.0	6707.5	6735.0	6821.2	6907.1
22.5°	6911.9	6821.4	6730.7	6700.2	6669.9	6656.9	6669.9	6700.2	6730.7	6821.4	6911.9
25°	6772.0	6693.4	6614.9	6586.3	6558.0	6541.2	6558.0	6586.3	6614.9	6693.4	6772.0
27.5°	6497.8	6445.2	6392.3	6379.3	6366.3	6361.9	6366.3	6379.3	6392.3	6445.2	6497.8
30°	6160.0	6133.2	6106.0	6106.0	6106.0	6110.3	6106.0	6106.0	6106.0	6133.2	6160.0
32.5°	5821.2	5803.5	5785.9	5788.2	5790.7	5795.1	5790.7	5788.2	5785.9	5803.5	5821.2
35°	5521.9	5494.9	5468.4	5462.5	5456.8	5453.9	5456.8	5462.5	5468.4	5494.9	5521.9
37.5°	5267.4	5218.5	5169.9	5144.2	5118.4	5104.0	5118.4	5144.2	5169.9	5218.5	5267.4
40°	5034.0	4962.8	4892.3	4844.4	4796.9	4768.5	4796.9	4844.4	4892.3	4962.8	5034.0
42.5°	4797.5	4709.3	4621.1	4551.4	4481.7	4436.0	4481.7	4551.4	4621.1	4709.3	4797.5
45°	4564.6	4463.8	4363.1	4281.3	4199.4	4146.8	4199.4	4281.3	4363.1	4463.8	4564.6
47.5°	4380.4	4290.9	4201.2	4125.4	4050.0	3999.3	4050.0	4125.4	4201.2	4290.9	4380.4
50°	4270.6	4198.9	4127.2	4057.2	3987.1	3938.6	3987.1	4057.2	4127.2	4198.9	4270.6
52.5°	4196.6	4138.1	4079.7	4017.0	3954.6	3909.7	3954.6	4017.0	4079.7	4138.1	4196.6
55°	4127.2	4076.2	4025.4	3970.4	3915.5	3875.0	3915.5	3970.4	4025.4	4076.2	4127.2
57.5°	4053.7	4002.2	3950.8	3896.3	3841.7	3799.8	3841.7	3896.3	3950.8	4002.2	4053.7
60°	3951.6	3901.3	3851.2	3795.2	3739.1	3695.7	3739.1	3795.2	3851.2	3901.3	3951.6
62.5°	3788.8	3743.4	3698.0	3639.1	3580.0	3527.9	3580.0	3639.1	3698.0	3743.4	3788.8
65°	3569.0	3525.4	3481.7	3424.4	3367.4	3322.6	3367.4	3424.4	3481.7	3525.4	3569.0
67.5°	3318.3	3278.2	3238.2	3185.0	3131.8	3091.3	3131.8	3185.0	3238.2	3278.2	3318.3
70°	3050.3	3017.6	2984.9	2934.0	2883.1	2836.8	2883.1	2934.0	2984.9	3017.6	3050.3
72.5°	2755.3	2728.1	2700.9	2652.3	2604.0	2559.2	2604.0	2652.3	2700.9	2728.1	2755.3
75°	2403.6	2390.3	2377.1	2336.3	2295.5	2252.7	2295.5	2336.3	2377.1	2390.3	2403.6
77.5°	2062.4	2044.0	2024.8	1983.8	1942.7	1908.5	1942.7	1983.8	2024.8	2044.0	2062.4
80°	1677.2	1669.1	1661.3	1606.1	1550.6	1486.4	1550.6	1606.1	1661.3	1669.1	1677.2
82.5°	1252.1	1248.7	1244.9	1198.3	1151.5	1110.5	1151.5	1198.3	1244.9	1248.7	1252.1
85°	795.2	789.5	783.7	747.2	710.8	673.8	710.8	747.2	783.7	789.5	795.2
87.5°	344.7	337.7	330.3	311.7	292.6	274.7	292.6	311.7	330.3	337.7	344.7
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	6976.5	7003.9	7038.1	7071.9	7115.6	7159.4	7203.1	7246.7	7296.6	7346.6	7401.8
5°	6564.1	6601.9	6656.2	6710.4	6780.9	6851.2	6928.7	7006.2	7093.8	7181.8	7286.7
7.5°	6316.8	6361.9	6426.1	6490.6	6576.5	6662.7	6760.4	6857.9	6973.5	7089.2	7228.3
10°	6245.6	6296.0	6373.1	6450.1	6547.0	6643.8	6749.1	6854.1	6969.8	7085.4	7232.3
12.5°	6373.4	6438.5	6536.8	6635.2	6735.3	6835.6	6917.7	7000.4	7076.8	7153.7	7273.4
15°	6642.4	6741.3	6881.2	7021.2	7108.3	7195.3	7216.7	7238.1	7227.7	7217.3	7274.5
17.5°	6915.4	7061.1	7246.5	7431.9	7501.9	7572.1	7505.4	7438.2	7312.1	7186.1	7165.3
20°	7085.4	7264.2	7475.8	7687.8	7720.5	7752.9	7612.6	7472.4	7253.2	7034.3	6936.0
22.5°	7096.2	7280.1	7482.5	7684.9	7665.6	7645.9	7463.4	7280.9	7030.5	6780.7	6635.2
25°	6935.0	7098.7	7264.5	7430.4	7363.6	7296.6	7117.0	6937.4	6712.4	6487.7	6319.9
27.5°	6624.8	6751.8	6869.8	6987.9	6913.1	6838.5	6694.5	6550.5	6366.0	6181.2	6019.2
30°	6251.5	6342.3	6432.5	6522.4	6461.7	6400.9	6281.2	6161.8	6008.5	5855.3	5726.3
32.5°	5893.7	5966.3	6049.3	6132.1	6064.3	5997.0	5882.2	5767.7	5645.1	5522.7	5446.6
35°	5588.6	5655.7	5714.5	5773.4	5692.4	5611.5	5497.9	5384.5	5291.4	5198.0	5176.9
37.5°	5329.3	5390.9	5418.0	5445.2	5345.2	5245.1	5131.8	5018.7	4951.9	4884.8	4907.9
40°	5086.4	5138.7	5132.4	5125.7	5010.3	4895.2	4785.9	4676.6	4628.3	4580.0	4632.4
42.5°	4841.4	4885.7	4852.5	4819.1	4694.8	4570.5	4466.6	4363.1	4323.4	4284.2	4353.6
45°	4604.3	4644.2	4596.5	4548.7	4419.8	4290.9	4192.5	4094.2	4060.6	4027.6	4095.1
47.5°	4408.2	4436.0	4381.1	4326.1	4198.9	4071.6	3975.7	3879.3	3848.4	3817.1	3873.8
50°	4271.7	4273.4	4202.9	4132.4	4018.4	3904.4	3813.9	3723.2	3674.3	3625.7	3675.8
52.5°	4181.5	4166.5	4082.9	3999.3	3893.0	3786.8	3703.8	3620.5	3547.6	3474.4	3524.0
55°	4106.4	4085.5	3996.7	3908.2	3815.5	3722.3	3632.7	3543.0	3439.5	3335.7	3414.1
57.5°	4032.6	4011.4	3922.4	3833.1	3740.8	3648.9	3543.6	3438.4	3326.7	3215.1	3329.6
60°	3928.5	3905.4	3815.7	3726.1	3632.4	3538.9	3418.1	3297.2	3199.4	3101.4	3250.1
62.5°	3766.6	3744.3	3662.1	3580.0	3480.3	3380.4	3239.4	3098.6	3036.4	2974.2	3159.6
65°	3546.5	3523.6	3451.4	3379.0	3283.6	3188.2	3037.0	2886.0	2862.3	2838.3	3035.7
67.5°	3296.3	3274.1	3211.6	3149.1	3058.9	2968.4	2828.7	2689.4	2696.9	2704.4	2868.7
70°	3028.9	3007.5	2951.1	2894.7	2816.6	2738.5	2615.9	2493.3	2519.3	2545.4	2662.1
72.5°	2729.9	2704.4	2649.1	2594.0	2523.3	2452.8	2356.5	2259.9	2297.8	2336.0	2416.1
75°	2377.1	2350.4	2300.1	2249.8	2185.9	2122.0	2050.3	1978.6	2015.3	2051.7	2113.7
77.5°	2037.6	2012.7	1960.0	1907.1	1852.2	1797.2	1739.1	1680.7	1717.7	1754.7	1804.2
80°	1644.3	1611.3	1571.4	1531.2	1484.9	1438.7	1390.4	1341.8	1373.0	1403.9	1445.6
82.5°	1196.1	1139.9	1054.3	968.7	984.9	1001.1	1005.2	1009.2	1031.3	1053.2	1073.4
85°	725.8	656.4	576.0	495.9	540.8	585.6	606.7	627.5	652.1	676.7	698.3
87.5°	316.6	288.6	254.8	221.2	255.6	289.8	290.6	291.5	296.1	300.7	309.4
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	7457.3	7525.9	7587.5	7651.1	7714.7	7781.2	7847.7	7913.6	7979.8	8042.0	8104.2
5°	7391.4	7511.4	7632.9	7761.5	7890.2	8027.9	8165.8	8302.6	8439.6	8577.0	8714.3
7.5°	7367.7	7523.0	7688.6	7868.2	8047.8	8251.7	8455.5	8664.9	8874.2	9100.8	9327.4
10°	7379.3	7546.0	7750.5	7963.4	8175.6	8423.4	8671.0	8947.4	9224.2	9510.8	9797.4
12.5°	7393.7	7549.0	7763.9	8004.1	8244.5	8536.5	8828.6	9142.1	9455.5	9770.2	10085.1
15°	7332.1	7456.5	7694.5	7972.7	8250.8	8587.1	8923.4	9263.5	9603.6	9931.8	10260.0
17.5°	7144.1	7220.8	7500.7	7835.3	8169.9	8560.3	8950.6	9321.7	9692.7	10025.5	10358.3
20°	6837.6	6857.9	7183.7	7598.4	8013.1	8486.2	8959.3	9367.1	9774.8	10121.0	10466.8
22.5°	6489.7	6450.1	6821.2	7320.6	7819.9	8395.4	8970.9	9428.4	9885.5	10239.2	10592.6
25°	6152.3	6045.2	6425.5	7010.3	7595.2	8305.8	9016.6	9539.4	10061.9	10408.1	10754.5
27.5°	5857.3	5727.2	6073.3	6726.6	7379.8	8245.9	9112.0	9712.9	10313.6	10644.1	10974.3
30°	5597.9	5495.8	5786.4	6489.5	7192.4	8217.8	9242.7	9937.6	10632.5	10951.4	11270.7
32.5°	5370.6	5325.2	5559.4	6285.0	7010.3	8183.2	9355.5	10172.1	10988.7	11304.5	11620.6
35°	5156.1	5174.8	5370.1	6084.0	6798.0	8117.8	9438.2	10439.3	11440.4	11743.2	12045.7
37.5°	4931.1	4999.8	5170.5	5847.4	6524.4	8005.9	9487.4	10738.6	11989.9	12375.6	12761.5
40°	4684.7	4790.2	4944.9	5565.2	6185.6	7851.8	9518.3	11118.6	12718.6	13280.8	13842.9
42.5°	4423.0	4556.0	4698.6	5253.7	5809.0	7692.7	9577.0	11615.7	13654.4	14465.8	15277.3
45°	4162.7	4291.4	4436.0	4923.0	5410.0	7544.9	9680.2	12269.9	14859.4	15953.9	17048.5
47.5°	3930.5	4041.3	4227.8	4661.3	5094.8	7422.9	9751.0	12966.8	16182.4	17723.2	19263.5
50°	3726.1	3854.7	4100.0	4487.4	4875.0	7289.9	9704.8	13613.3	17521.9	19844.5	22167.0
52.5°	3573.7	3753.6	4035.5	4373.0	4710.7	7065.2	9420.0	14033.3	18646.2	22073.0	25499.7
55°	3492.7	3763.7	4025.9	4289.9	4554.0	6692.7	8831.5	13940.7	19049.6	24048.7	29047.9
57.5°	3444.1	3773.7	4005.1	4191.6	4378.2	6167.6	7956.8	13289.4	18622.5	25448.8	32275.2
60°	3398.4	3742.0	3894.7	4041.3	4187.8	5485.7	6783.6	12077.5	17371.5	25798.7	34225.7
62.5°	3345.2	3663.9	3682.7	3779.9	3877.3	4669.7	5462.0	10438.7	15415.5	24325.4	33235.2
65°	3233.1	3475.9	3473.6	3519.5	3565.6	3935.4	4305.3	8766.7	13228.4	22240.7	31252.9
67.5°	3032.9	3169.4	3175.8	3150.3	3124.6	3229.9	3334.8	7128.8	10922.8	19759.8	28596.8
70°	2779.0	2823.8	2823.8	2705.0	2585.9	2556.0	2526.0	5612.9	8699.9	17052.8	25405.8
72.5°	2496.2	2495.6	2467.3	2298.7	2129.7	2039.0	1948.5	4291.2	6633.7	14118.2	21603.0
75°	2175.2	2186.2	2055.4	1866.3	1677.2	1595.1	1513.0	3114.5	4715.9	10754.2	16792.6
77.5°	1853.6	1859.5	1644.0	1460.3	1276.7	1220.6	1164.8	2110.4	3056.0	7527.0	11998.0
80°	1487.0	1487.8	1230.4	1075.1	919.6	896.5	873.3	1359.8	1846.4	4849.5	7852.6
82.5°	1093.7	1081.5	861.7	747.2	632.7	628.1	624.0	836.3	1049.1	2806.8	4564.6
85°	720.1	704.2	540.8	456.9	373.0	375.4	377.4	447.1	517.0	1262.6	2008.4
87.5°	318.1	297.9	229.9	195.5	161.3	163.4	165.4	185.3	205.3	413.5	621.8
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	8134.9	8165.8	8209.4	8253.1	8279.1	8305.2	8318.2	8331.2	8325.5	8331.2	8318.2
5°	8821.7	8929.3	9035.7	9142.4	9200.2	9258.0	9293.1	9328.3	9354.9	9328.3	9293.1
7.5°	9502.1	9676.5	9833.5	9990.5	10085.1	10179.7	10230.8	10281.7	10306.3	10281.7	10230.8
10°	10003.8	10210.3	10394.5	10578.7	10690.3	10801.3	10851.2	10900.6	10919.3	10900.6	10851.2
12.5°	10308.9	10532.5	10699.1	10865.0	10946.0	11026.9	11054.1	11081.3	11084.1	11081.3	11054.1
15°	10453.2	10646.1	10750.5	10855.2	10858.0	10860.9	10832.0	10803.1	10769.0	10803.1	10832.0
17.5°	10488.7	10619.2	10621.3	10623.0	10505.8	10388.7	10281.5	10173.8	10098.1	10173.8	10281.5
20°	10512.2	10557.9	10420.6	10283.2	10024.6	9766.1	9577.9	9389.6	9273.9	9389.6	9577.9
22.5°	10533.0	10473.4	10188.9	9904.4	9524.1	9143.8	8908.4	8673.0	8545.2	8673.0	8908.4
25°	10566.5	10378.6	9946.6	9514.6	9052.7	8590.9	8343.4	8096.4	7975.5	8096.4	8343.4
27.5°	10638.3	10302.0	9729.7	9157.7	8645.9	8134.0	7890.6	7647.3	7533.1	7647.3	7890.6
30°	10769.6	10268.8	9564.3	8859.8	8326.6	7793.4	7567.5	7341.7	7235.3	7341.7	7567.5
32.5°	10934.4	10248.5	9451.5	8654.5	8153.4	7652.2	7474.9	7297.4	7220.8	7297.4	7474.9
35°	11205.9	10366.4	9535.9	8705.7	8357.5	8009.7	7968.2	7926.9	7920.6	7926.9	7968.2
37.5°	11773.6	10785.8	10031.0	9276.2	9253.7	9231.2	9420.3	9609.4	9707.7	9609.4	9420.3
40°	12768.6	11694.3	11133.0	10571.7	10967.9	11364.1	11823.9	12283.7	12512.7	12283.7	11823.9
42.5°	14211.3	13145.4	12822.1	12498.8	13362.9	14227.0	15063.3	15899.6	16390.6	15899.6	15063.3
45°	16091.1	15133.3	14990.7	14847.8	16232.1	17616.7	18990.9	20365.3	21199.7	20365.3	18990.9
47.5°	18332.1	17400.4	17371.5	17342.6	19339.6	21336.1	23348.0	25359.4	26540.7	25359.4	23348.0
50°	21016.3	19865.9	19870.9	19875.8	22449.4	25023.1	27678.7	30334.2	31939.7	30334.2	27678.7
52.5°	24106.5	22713.5	22572.7	22431.5	25505.8	28580.1	31865.7	35151.0	37075.5	35151.0	31865.7
55°	27671.4	26294.9	25745.8	25196.7	28618.2	32039.4	35956.4	39873.3	42162.1	39873.3	35956.4
57.5°	31525.6	30775.7	29674.3	28573.1	32027.9	35482.7	39919.2	44355.5	47193.9	44355.5	39919.2
60°	35389.9	36554.4	35186.6	33818.7	37088.2	40357.6	45107.7	49857.7	52925.4	49857.7	45107.7
62.5°	36416.5	39597.7	39443.5	39289.2	42284.2	45279.5	49798.8	54317.7	57153.2	54317.7	49798.8
65°	34238.7	37224.4	37815.2	38405.7	42211.9	46018.3	50400.6	54782.5	57196.5	54782.5	50400.6
67.5°	31436.5	34276.3	34553.3	34830.0	38795.8	42761.4	47162.3	51563.3	53454.6	51563.3	47162.3
70°	28494.5	31583.4	31707.2	31831.3	35377.8	38924.0	42711.3	46498.4	47549.5	46498.4	42711.3
72.5°	25147.5	28692.2	28781.3	28870.0	31644.7	34419.4	37256.0	40092.3	40198.7	40092.3	37256.0
75°	20461.0	24129.6	24459.0	24788.3	26947.0	29105.8	31102.5	33099.3	32564.4	33099.3	31102.5
77.5°	15422.5	18847.2	19318.5	19789.9	21431.0	23072.0	24488.2	25904.5	24985.0	25904.5	24488.2
80°	10733.7	13614.5	14200.4	14786.2	16025.7	17264.5	18008.2	18751.8	17272.6	18751.8	18008.2
82.5°	6534.3	8504.1	9158.6	9813.2	10666.4	11519.4	11829.7	12139.7	10977.2	12139.7	11829.7
85°	3053.7	4099.1	4655.8	5212.4	5913.4	6614.1	6790.2	6966.3	6035.1	6966.3	6790.2
87.5°	973.1	1324.4	1635.0	1945.6	2296.1	2646.5	2661.6	2676.4	2246.9	2676.4	2661.6
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: P971540

CATALOG NUMBER: NAV-SB6D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0	7536.0
2.5°	8305.2	8279.1	8253.1	8209.4	8165.8	8134.9	8104.2
5°	9258.0	9200.2	9142.4	9035.7	8929.3	8821.7	8714.3
7.5°	10179.7	10085.1	9990.5	9833.5	9676.5	9502.1	9327.4
10°	10801.3	10690.3	10578.7	10394.5	10210.3	10003.8	9797.4
12.5°	11026.9	10946.0	10865.0	10699.1	10532.5	10308.9	10085.1
15°	10860.9	10858.0	10855.2	10750.5	10646.1	10453.2	10260.0
17.5°	10388.7	10505.8	10623.0	10621.3	10619.2	10488.7	10358.3
20°	9766.1	10024.6	10283.2	10420.6	10557.9	10512.2	10466.8
22.5°	9143.8	9524.1	9904.4	10188.9	10473.4	10533.0	10592.6
25°	8590.9	9052.7	9514.6	9946.6	10378.6	10566.5	10754.5
27.5°	8134.0	8645.9	9157.7	9729.7	10302.0	10638.3	10974.3
30°	7793.4	8326.6	8859.8	9564.3	10268.8	10769.6	11270.7
32.5°	7652.2	8153.4	8654.5	9451.5	10248.5	10934.4	11620.6
35°	8009.7	8357.5	8705.7	9535.9	10366.4	11205.9	12045.7
37.5°	9231.2	9253.7	9276.2	10031.0	10785.8	11773.6	12761.5
40°	11364.1	10967.9	10571.7	11133.0	11694.3	12768.6	13842.9
42.5°	14227.0	13362.9	12498.8	12822.1	13145.4	14211.3	15277.3
45°	17616.7	16232.1	14847.8	14990.7	15133.3	16091.1	17048.5
47.5°	21336.1	19339.6	17342.6	17371.5	17400.4	18332.1	19263.5
50°	25023.1	22449.4	19875.8	19870.9	19865.9	21016.3	22167.0
52.5°	28580.1	25505.8	22431.5	22572.7	22713.5	24106.5	25499.7
55°	32039.4	28618.2	25196.7	25745.8	26294.9	27671.4	29047.9
57.5°	35482.7	32027.9	28573.1	29674.3	30775.7	31525.6	32275.2
60°	40357.6	37088.2	33818.7	35186.6	36554.4	35389.9	34225.7
62.5°	45279.5	42284.2	39289.2	39443.5	39597.7	36416.5	33235.2
65°	46018.3	42211.9	38405.7	37815.2	37224.4	34238.7	31252.9
67.5°	42761.4	38795.8	34830.0	34553.3	34276.3	31436.5	28596.8
70°	38924.0	35377.8	31831.3	31707.2	31583.4	28494.5	25405.8
72.5°	34419.4	31644.7	28870.0	28781.3	28692.2	25147.5	21603.0
75°	29105.8	26947.0	24788.3	24459.0	24129.6	20461.0	16792.6
77.5°	23072.0	21431.0	19789.9	19318.5	18847.2	15422.5	11998.0
80°	17264.5	16025.7	14786.2	14200.4	13614.5	10733.7	7852.6
82.5°	11519.4	10666.4	9813.2	9158.6	8504.1	6534.3	4564.6
85°	6614.1	5913.4	5212.4	4655.8	4099.1	3053.7	2008.4
87.5°	2646.5	2296.1	1945.6	1635.0	1324.4	973.1	621.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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