

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: P189826

Luminaire Tested: **VERD-M-A03-E-U-T3-7030-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189826
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26224)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VERD-M-A03-E-U-T3-7030-AP
Description: VERDEON-M ROADWAY AND AREA LUMINAIRE
(3) 70 CRI, 3000K LEDS AND TYPE III OPTICS, GREY PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21378 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Luminous Opening: Rectangular (W 1.35' x L: 1.58' x H: 0')
IES Classification: Type III - Medium - Semi-Cutoff
BUG Rating: B3 - U0 - G3

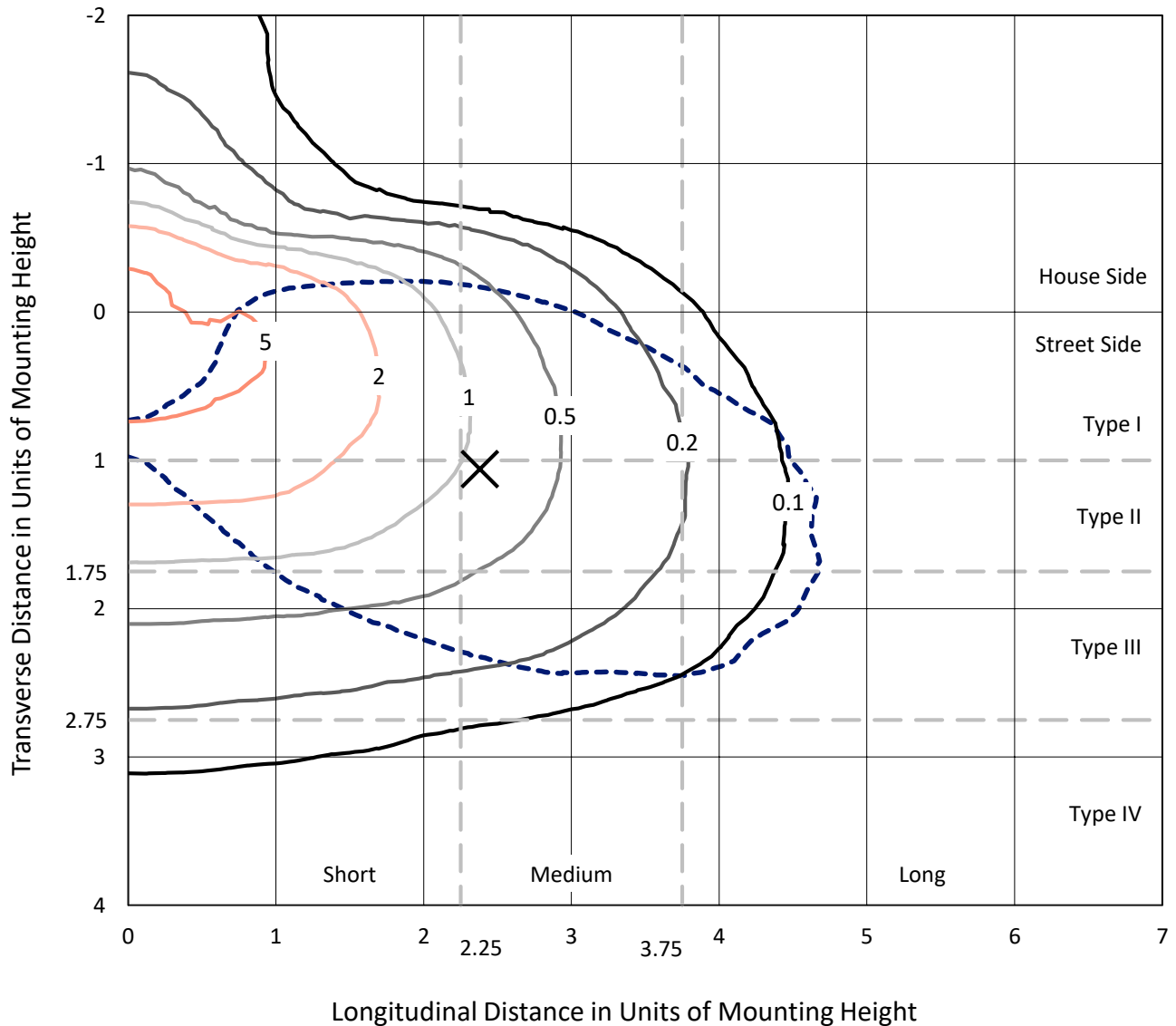
Input Watts (W): 182
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P189826
 CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

Iso-Footcandle Lines of Horizontal Illumination

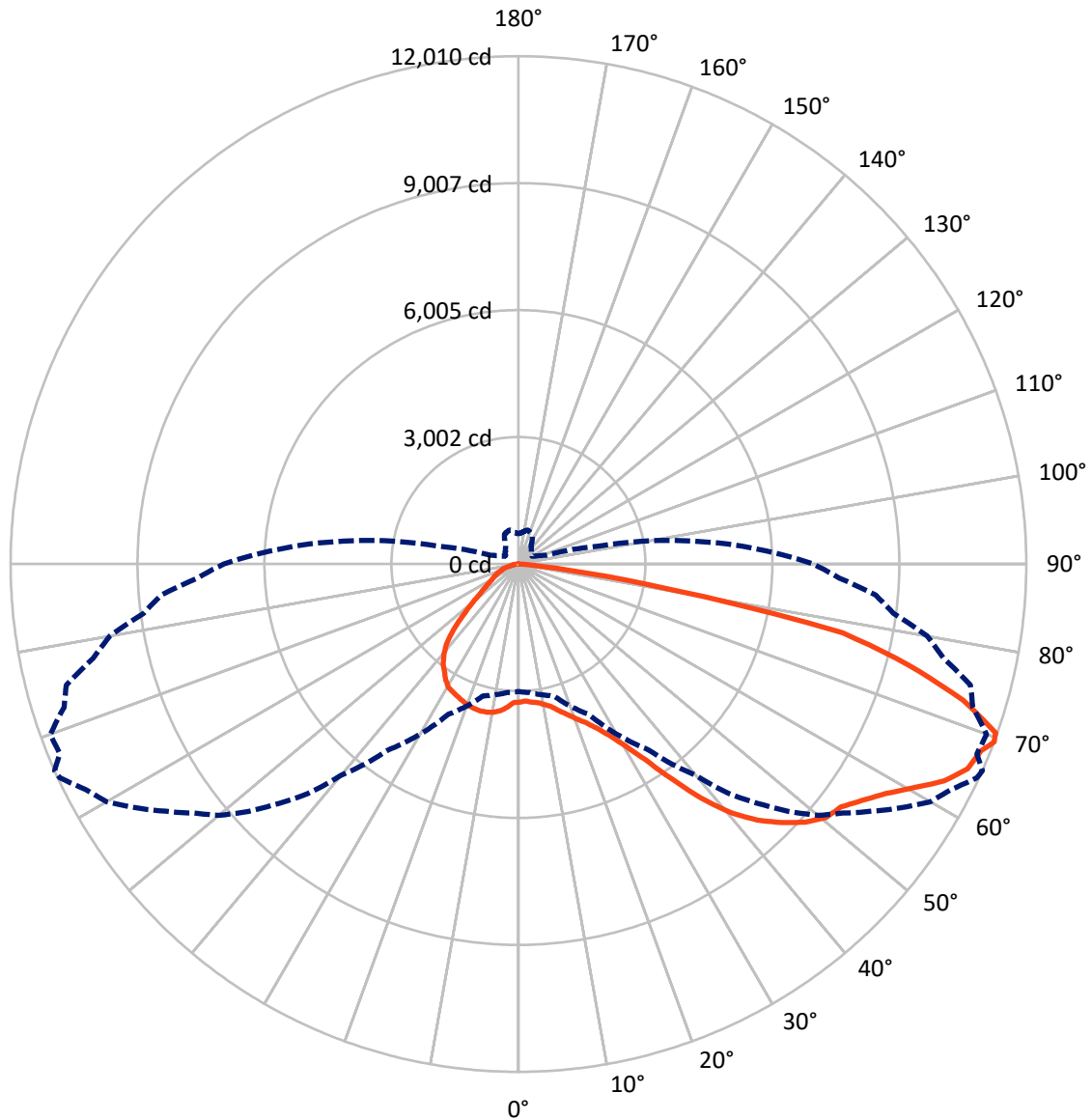
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
 Type III - Medium - Semi-Cutoff

REPORT NUMBER: P189826
CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

REPORT NUMBER: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

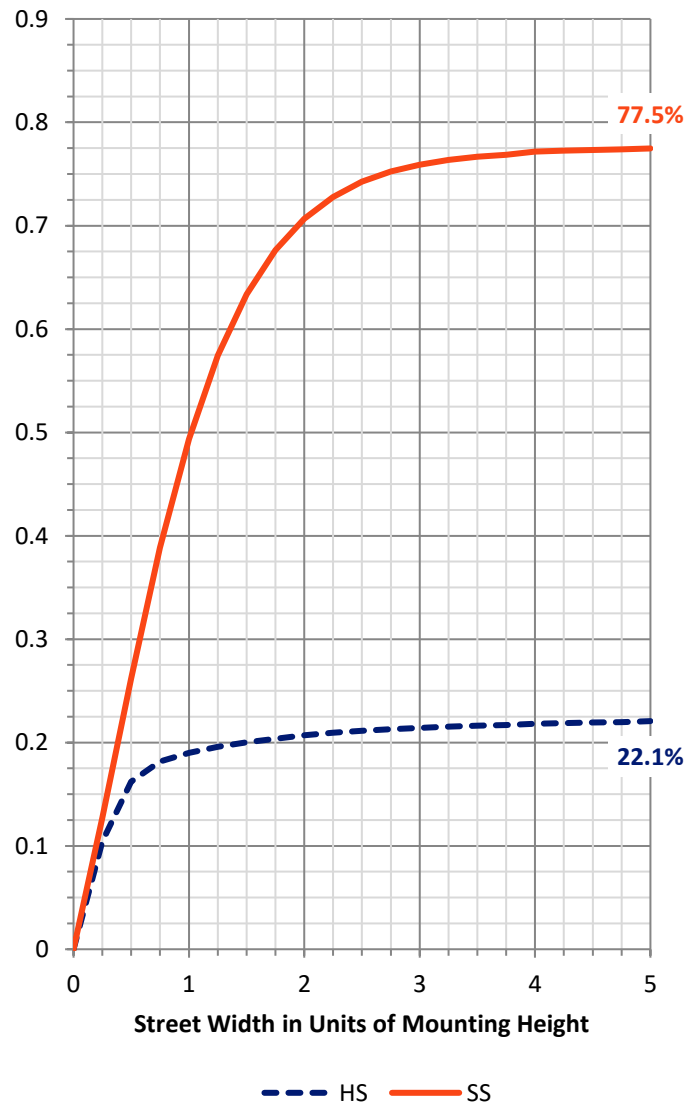
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4803.9	0.0	4803.9
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	16574.1	0.0	16574.1
	% Fixture	77.5	0.0	77.5
Total	Lumens	21378.0	0.0	21378.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.9	1.5
10°-20°	1045.3	4.9
20°-30°	1790.3	8.4
30°-40°	2684.6	12.6
40°-50°	3652.7	17.1
50°-60°	4297.7	20.1
60°-70°	4513.0	21.1
70°-80°	2796.2	13.1
80°-90°	269.3	1.3
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°	21378.0	100.0
0°-180°	21378.0	100.0



REPORT NUMBER: P189826

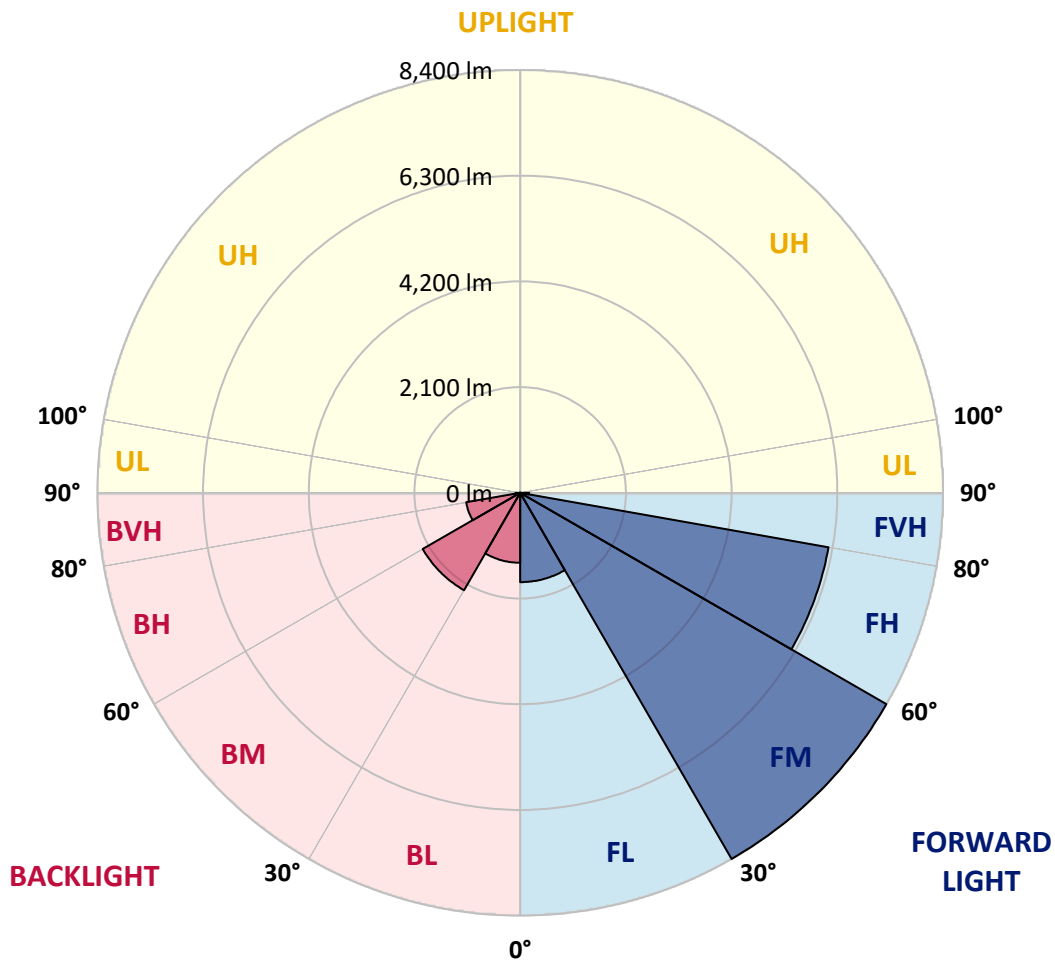
CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1774.8	8.3			
FM (30°-60°)	8400.3	39.3			
FH (60°-80°)	6220.0	29.1			G3/7500
FVH (80°-90°)	179.0	0.8			G2/225
BL (0°-30°)	1389.8	6.5	B3/2500		
BM (30°-60°)	2234.6	10.5	B2/2500		
BH (60°-80°)	1089.2	5.1	B3/2500		G3/2500
BVH (80°-90°)	90.3	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Medium





REPORT NUMBER: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4
2.5°	3318.9	3318.9	3283.7	3278.1	3272.4	3255.5	3244.3	3244.3	3233.0	3244.3	3249.9
5°	3386.5	3369.6	3333.0	3330.2	3313.3	3313.3	3313.3	3295.0	3283.7	3278.1	3278.1
7.5°	3483.7	3463.9	3435.8	3410.4	3389.3	3375.2	3341.4	3369.6	3349.9	3347.1	3349.9
10°	3638.6	3624.5	3572.4	3566.7	3518.9	3502.0	3472.4	3472.4	3461.1	3455.5	3438.6
12.5°	3782.2	3776.5	3721.6	3710.4	3658.3	3632.9	3616.0	3610.4	3585.0	3576.6	3549.8
15°	3993.4	3968.1	3927.2	3907.5	3838.5	3821.6	3787.8	3759.7	3744.2	3735.7	3727.3
17.5°	4187.7	4173.6	4131.4	4099.0	4021.6	3999.0	3959.6	3954.0	3907.5	3890.6	3868.1
20°	4411.6	4387.7	4345.4	4331.3	4276.4	4217.3	4165.2	4165.2	4110.3	4062.4	4053.9
22.5°	4651.0	4625.6	4567.9	4559.5	4508.8	4479.2	4411.6	4387.7	4322.9	4284.9	4231.4
25°	4919.9	4886.1	4846.7	4834.0	4794.6	4777.7	4691.8	4680.6	4583.4	4548.2	4508.8
27.5°	5155.1	5169.2	5149.5	5135.4	5105.8	5074.8	5011.5	5011.5	4897.4	4880.5	4822.8
30°	5474.7	5452.2	5463.5	5455.0	5418.4	5412.8	5371.9	5366.3	5266.3	5274.8	5177.6
32.5°	5721.1	5726.8	5753.5	5759.2	5770.4	5778.9	5738.0	5698.6	5635.3	5676.1	5573.3
35°	5915.5	5915.5	6009.8	6136.5	6159.1	6247.8	6195.7	6178.8	6073.2	6167.5	6059.1
37.5°	6076.0	6084.4	6150.6	6311.1	6464.6	6568.8	6550.5	6585.7	6502.7	6654.7	6574.5
40°	6195.7	6198.5	6314.0	6508.3	6766.0	6911.0	6922.3	6974.4	6943.4	7134.9	7102.5
42.5°	6081.6	6098.5	6311.1	6691.3	7034.9	7220.8	7282.7	7403.8	7417.9	7643.2	7637.6
45°	5945.0	5967.6	6205.5	6757.5	7265.8	7506.6	7643.2	7844.6	7886.8	8147.3	8150.1
47.5°	5818.3	5856.3	6098.5	6708.2	7475.7	7786.8	7981.2	8227.6	8324.7	8552.9	8568.3
50°	5698.6	5732.4	5998.5	6671.6	7661.5	8044.5	8285.3	8576.8	8671.1	8890.8	8882.4
52.5°	5446.6	5487.4	5798.6	6547.7	7750.2	8169.9	8427.5	8690.9	8834.5	9079.5	9062.6
55°	5212.8	5263.5	5573.3	6399.9	7755.9	8193.8	8485.3	8743.0	8907.7	9182.3	9171.0
57.5°	4949.5	4969.2	5291.7	6167.5	7643.2	8124.8	8410.6	8743.0	8910.5	9234.4	9283.7
60°	4600.3	4653.8	4955.1	5850.7	7443.3	8009.3	8399.4	8788.0	8993.6	9411.8	9511.8
62.5°	4273.6	4303.2	4594.7	5474.7	7102.5	7753.1	8205.1	8690.9	9028.8	9486.4	9741.3
65°	3856.8	3904.7	4156.7	4977.7	6611.1	7271.5	7803.7	8405.0	8871.1	9400.5	9755.4
67.5°	3347.1	3383.7	3601.9	4365.1	5881.7	6528.0	7129.3	7889.6	8450.1	8993.6	9472.4
69°	3014.8	3052.8	3227.4	3918.8	5366.3	5961.9	6522.4	7363.0	8000.9	8657.1	9245.6
70°	2769.8	2789.5	2966.9	3593.5	4974.9	5549.4	6036.6	6922.3	7626.3	8444.4	9062.6
72.5°	2088.2	2116.4	2248.8	2728.9	3807.5	4331.3	4766.5	5481.8	6290.0	7289.8	7964.3
75°	1419.4	1416.6	1541.9	1836.2	2382.5	2723.3	3095.0	3747.0	4453.9	5338.1	6236.5
77.5°	468.9	480.2	557.6	829.4	1073.0	1156.1	1206.7	1447.5	2027.7	2517.7	3463.9
80°	183.1	188.7	311.2	412.6	535.1	577.3	606.9	715.3	818.1	949.1	1212.4
82.5°	114.1	157.7	216.8	246.4	249.2	235.2	222.5	268.9	335.1	418.2	488.6
85°	74.6	100.0	100.0	105.6	105.6	97.2	74.6	108.4	149.3	166.2	200.0
87.5°	39.4	60.5	57.7	49.3	36.6	22.5	0.0	11.3	22.5	28.2	14.1
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: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4
2.5°	3249.9	3247.1	3216.1	3247.1	3227.4	3244.3	3244.3	3216.1	3252.7	3261.2	3269.6
5°	3272.4	3280.9	3266.8	3269.6	3266.8	3272.4	3280.9	3272.4	3289.3	3300.6	3289.3
7.5°	3324.5	3338.6	3295.0	3327.4	3289.3	3295.0	3310.5	3295.0	3333.0	3341.4	3330.2
10°	3416.1	3416.1	3404.8	3404.8	3380.9	3383.7	3378.1	3369.6	3380.9	3358.3	3389.3
12.5°	3507.6	3513.2	3478.0	3499.2	3466.8	3466.8	3461.1	3444.2	3461.1	3455.5	3455.5
15°	3661.1	3673.8	3627.3	3647.0	3610.4	3604.8	3601.9	3599.1	3590.7	3569.6	3599.1
17.5°	3827.2	3818.8	3787.8	3765.3	3735.7	3741.3	3738.5	3741.3	3724.4	3713.2	3730.1
20°	3999.0	3996.2	3965.2	3939.9	3913.1	3901.9	3904.7	3901.9	3885.0	3890.6	3893.4
22.5°	4228.6	4176.5	4182.1	4125.8	4107.5	4087.7	4073.7	4101.8	4062.4	4113.1	4073.7
25°	4491.9	4431.3	4451.0	4359.5	4342.6	4306.0	4299.0	4337.0	4303.2	4382.0	4339.8
27.5°	4789.0	4725.6	4731.2	4656.6	4628.5	4594.7	4594.7	4674.9	4625.6	4697.5	4617.2
30°	5166.4	5108.6	5155.1	5027.0	5029.8	4986.1	4991.7	5103.0	5035.4	5126.9	5032.6
32.5°	5624.0	5529.6	5601.5	5484.6	5526.8	5484.6	5515.6	5670.5	5601.5	5738.0	5570.5
35°	6122.5	6030.9	6167.5	6081.6	6178.8	6208.4	6239.3	6442.1	6402.7	6574.5	6439.3
37.5°	6711.1	6650.5	6774.4	6766.0	6951.8	6974.4	7023.7	7282.7	7234.9	7465.8	7292.6
40°	7306.7	7240.5	7460.2	7415.1	7661.5	7686.9	7734.7	8016.4	7930.5	8067.1	7864.3
42.5°	7826.3	7809.4	7958.6	7955.8	8199.4	8224.8	8275.5	8485.3	8382.5	8433.2	8241.7
45°	8358.5	8302.2	8479.6	8444.4	8707.7	8699.3	8721.8	8926.0	8828.8	8804.9	8619.0
47.5°	8719.0	8679.6	8868.3	8834.5	9103.4	9082.3	9123.1	9240.0	9117.5	9126.0	8937.3
50°	9062.6	9014.7	9182.3	9151.3	9365.3	9394.9	9425.9	9497.7	9348.4	9245.6	9093.6
52.5°	9245.6	9151.3	9292.1	9309.0	9509.0	9509.0	9545.6	9583.6	9514.6	9503.3	9369.6
55°	9314.6	9276.6	9406.2	9440.0	9720.2	9803.3	9863.8	9927.2	9894.8	9875.1	9714.5
57.5°	9475.2	9451.2	9686.4	9769.5	10069.4	10172.2	10238.4	10367.9	10304.5	10177.8	9977.9
60°	9824.4	9875.1	10155.3	10229.9	10607.3	10696.0	10742.5	10796.0	10765.0	10579.1	10332.7
62.5°	10058.1	10218.7	10562.2	10742.5	11133.9	11277.5	11300.1	11294.4	11167.7	10904.4	10645.3
65°	10132.8	10373.5	10836.8	11139.6	11522.6	11663.4	11671.8	11625.4	11528.2	11156.5	10881.9
67.5°	9915.9	10301.7	10836.8	11197.3	11602.8	11794.3	11797.1	11688.7	11677.5	11242.3	11025.5
69°	9675.1	10193.3	10728.4	11242.3	11539.5	11966.1	12009.8	11735.2	11780.2	11264.9	11067.7
70°	9548.4	10113.0	10693.2	11242.3	11602.8	11909.8	11974.6	11797.1	11726.7	11156.5	10917.1
72.5°	8571.2	9223.1	10035.6	10538.3	10784.7	11008.6	10984.7	10881.9	10810.1	10235.5	10027.1
75°	6963.1	7598.2	8352.9	8857.0	9096.4	9494.9	9523.0	9423.1	9475.2	8896.4	8748.6
77.5°	4290.5	5335.3	6128.1	6871.6	7118.0	7741.8	7841.8	7820.6	7933.3	7409.5	7248.9
80°	1413.7	1802.4	2174.1	2786.6	2700.8	3466.8	3618.8	3621.7	3832.9	2964.1	3286.5
82.5°	537.9	668.9	795.6	953.3	1006.8	1081.4	1089.9	1058.9	1153.2	1029.3	1018.1
85°	160.5	183.1	160.5	185.9	188.7	232.3	205.6	154.9	211.2	166.2	157.7
87.5°	11.3	16.9	16.9	36.6	0.0	36.6	22.5	16.9	16.9	22.5	19.7
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: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

CANDELA DISTRIBUTION (continued):

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4
2.5°	3266.8	3255.5	3261.2	3258.4	3261.2	3275.3	3266.8	3249.9	3255.5	3269.6	3249.9
5°	3295.0	3278.1	3313.3	3255.5	3289.3	3307.6	3313.3	3318.9	3318.9	3321.7	3347.1
7.5°	3330.2	3297.8	3330.2	3327.4	3347.1	3349.9	3372.4	3392.1	3416.1	3404.8	3427.3
10°	3386.5	3389.3	3399.2	3392.1	3410.4	3407.6	3444.2	3475.2	3502.0	3487.9	3490.7
12.5°	3513.2	3475.2	3507.6	3483.7	3507.6	3507.6	3524.5	3518.9	3563.9	3541.4	3524.5
15°	3638.6	3607.6	3632.9	3607.6	3627.3	3621.7	3613.2	3587.9	3621.7	3613.2	3604.8
17.5°	3776.5	3730.1	3765.3	3716.0	3730.1	3693.5	3661.1	3610.4	3649.8	3607.6	3587.9
20°	3913.1	3893.4	3890.6	3844.1	3821.6	3801.9	3718.8	3652.6	3668.1	3630.1	3569.6
22.5°	4079.3	4051.1	4034.2	3959.6	3935.7	3899.1	3796.3	3693.5	3668.1	3635.7	3582.2
25°	4325.7	4256.7	4239.8	4156.7	4137.0	4059.6	3896.2	3768.1	3730.1	3682.2	3599.1
27.5°	4617.2	4514.4	4486.2	4368.0	4353.9	4231.4	4068.0	3870.9	3782.2	3685.0	3616.0
30°	5022.7	4843.9	4834.0	4669.3	4651.0	4473.6	4242.6	4015.9	3890.6	3768.1	3644.2
32.5°	5646.5	5401.5	5424.0	5188.9	5166.4	4877.7	4486.2	4153.9	3976.5	3832.9	3632.9
35°	6602.6	6330.9	6305.5	6045.0	5978.8	5673.3	5152.3	4497.5	4159.6	3899.1	3638.6
37.5°	7295.4	7088.4	7026.5	6788.5	6539.3	6297.1	5698.6	4955.1	4559.5	4176.5	3718.8
40°	7786.8	7564.4	7426.4	7177.1	6980.0	6739.2	6107.0	5346.6	4880.5	4422.9	3890.6
42.5°	8164.2	7955.8	7803.7	7575.6	7374.3	7054.6	6364.7	5471.9	4988.9	4559.5	3907.5
45°	8513.4	8305.0	8141.7	7892.5	7672.8	7395.4	6630.8	5529.6	4977.7	4473.6	3827.2
47.5°	8816.2	8590.9	8358.5	8105.1	7861.5	7598.2	6805.4	5624.0	4919.9	4342.6	3558.3
50°	8948.5	8762.7	8565.5	8307.8	8038.9	7786.8	6922.3	5578.9	4691.8	4065.2	3209.1
52.5°	9211.9	8937.3	8713.4	8452.9	8158.6	7858.7	6902.6	5415.6	4353.9	3644.2	2781.0
55°	9509.0	9265.4	8954.2	8704.9	8336.0	7975.5	6965.9	5221.3	4056.8	3355.5	2465.6
57.5°	9766.6	9494.9	9120.3	8845.7	8405.0	8016.4	6825.1	4977.7	3787.8	3078.1	2196.7
60°	10018.7	9752.6	9331.5	8993.6	8468.4	7992.4	6688.5	4834.0	3593.5	2834.5	1871.4
62.5°	10246.8	9938.4	9378.0	9011.9	8369.8	7892.5	6508.3	4565.1	3255.5	2543.0	1533.4
65°	10390.4	10018.7	9331.5	8931.6	8222.0	7723.5	6208.4	4179.3	2883.8	2124.8	1201.1
67.5°	10390.4	9955.3	9148.5	8733.1	7889.6	7309.5	5646.5	3599.1	2334.6	1664.4	857.5
69°	10298.9	9811.7	8942.9	8482.5	7598.2	6965.9	5146.6	3166.8	1968.5	1322.2	681.5
70°	10177.8	9680.8	8707.7	8196.6	7334.8	6654.7	4783.3	2892.3	1722.1	1092.7	623.8
72.5°	9325.9	8845.7	7753.1	7237.7	6294.2	5670.5	3899.1	2010.8	973.0	623.8	504.1
75°	7998.1	7612.2	6477.3	5970.4	4983.3	4428.5	2643.0	937.8	549.2	474.5	388.6
77.5°	6294.2	5901.4	4931.2	4353.9	3330.2	2795.1	1070.2	501.3	412.6	329.5	257.7
80°	2529.0	2423.4	1492.6	1467.3	915.3	812.5	523.8	349.2	280.2	225.3	160.5
82.5°	829.4	809.7	681.5	626.6	515.4	488.6	349.2	243.6	183.1	149.3	91.5
85°	119.7	146.4	138.0	138.0	97.2	111.2	83.1	66.2	52.1	42.2	22.5
87.5°	0.0	8.4	5.6	14.1	11.3	16.9	22.5	22.5	5.6	22.5	0.0
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: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°
0°	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4	3265.4
2.5°	3280.9	3283.7	3275.3	3289.3	3295.0	3307.6	3307.6	3318.9	3307.6	3313.3	3355.5
5°	3380.9	3404.8	3392.1	3404.8	3421.7	3421.7	3447.1	3466.8	3455.5	3469.6	3547.0
7.5°	3455.5	3507.6	3490.7	3518.9	3521.7	3547.0	3535.8	3587.9	3566.7	3569.6	3638.6
10°	3532.9	3547.0	3561.1	3569.6	3576.6	3616.0	3593.5	3616.0	3624.5	3624.5	3679.4
12.5°	3552.7	3582.2	3585.0	3610.4	3579.4	3632.9	3604.8	3638.6	3618.8	3616.0	3652.6
15°	3596.3	3599.1	3579.4	3593.5	3587.9	3655.5	3618.8	3644.2	3596.3	3604.8	3630.1
17.5°	3572.4	3576.6	3569.6	3582.2	3561.1	3593.5	3552.7	3576.6	3538.6	3516.0	3513.2
20°	3596.3	3576.6	3524.5	3535.8	3513.2	3530.1	3483.7	3483.7	3433.0	3407.6	3324.5
22.5°	3563.9	3524.5	3483.7	3444.2	3413.3	3410.4	3366.8	3375.2	3286.5	3206.3	3106.3
25°	3549.8	3461.1	3438.6	3352.7	3347.1	3307.6	3221.8	3203.4	3120.4	3000.7	2866.9
27.5°	3569.6	3444.2	3375.2	3289.3	3227.4	3130.2	3072.5	2992.2	2889.4	2757.1	2526.1
30°	3538.6	3421.7	3307.6	3141.5	3089.4	2947.2	2852.8	2751.4	2648.7	2476.9	2191.0
32.5°	3516.0	3335.8	3169.7	2969.7	2886.6	2706.4	2623.3	2460.0	2357.2	2140.3	1779.9
35°	3427.3	3209.1	3009.1	2792.3	2675.4	2476.9	2340.3	2157.2	2013.6	1755.9	1364.5
37.5°	3402.0	3072.5	2875.4	2568.4	2412.1	2174.1	2022.0	1791.1	1647.5	1367.3	1089.9
40°	3427.3	2934.5	2654.3	2305.1	2085.4	1808.0	1613.7	1378.5	1220.8	1012.4	840.6
42.5°	3392.1	2740.2	2391.0	1939.0	1682.7	1356.0	1150.4	973.0	898.4	768.8	637.9
45°	3218.9	2488.1	2008.0	1464.4	1215.2	937.8	798.4	687.2	666.0	598.4	566.1
47.5°	2926.1	2077.0	1610.9	1070.2	864.6	687.2	635.1	583.0	590.0	566.1	552.0
50°	2571.2	1733.4	1284.2	840.6	706.9	657.6	612.5	590.0	590.0	563.2	560.4
52.5°	2179.8	1389.8	1015.2	692.8	621.0	590.0	554.8	560.4	529.4	512.6	512.6
55°	1879.8	1144.8	873.0	640.7	580.1	549.2	557.6	526.6	521.0	504.1	523.8
57.5°	1610.9	943.4	754.7	606.9	563.2	526.6	535.1	491.4	501.3	497.1	521.0
60°	1313.8	789.9	684.3	566.1	523.8	509.7	491.4	474.5	468.9	460.5	506.9
62.5°	1044.8	698.4	623.8	532.3	485.8	463.3	457.6	463.3	454.8	463.3	512.6
65°	823.7	618.2	574.5	498.5	460.5	463.3	443.6	446.4	460.5	468.9	532.3
67.5°	671.7	526.6	497.1	435.1	415.4	394.3	405.5	423.8	429.5	440.7	535.1
69°	590.0	498.5	446.4	394.3	371.7	371.7	368.9	394.3	412.6	429.5	521.0
70°	540.7	423.8	426.7	360.5	340.8	332.3	357.7	366.1	380.2	423.8	532.3
72.5°	457.6	388.6	383.0	321.0	323.9	314.0	323.9	377.4	357.7	415.4	549.2
75°	340.8	297.1	291.5	263.3	260.5	268.9	280.2	302.7	329.5	371.7	506.9
77.5°	243.6	200.0	222.5	177.4	191.5	171.8	200.0	222.5	249.2	294.3	454.8
80°	160.5	138.0	154.9	114.1	131.0	119.7	152.1	160.5	146.4	205.6	340.8
82.5°	102.8	97.2	100.0	69.0	83.1	74.6	80.3	74.6	94.3	111.2	216.8
85°	25.3	22.5	49.3	39.4	22.5	28.2	31.0	52.1	49.3	52.1	83.1
87.5°	0.0	0.0	19.7	0.0	5.6	0.0	5.6	28.2	22.5	28.2	22.5
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: P189826

CATALOG NUMBER: VERD-M-A03-E-U-T3-7030-AP

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	3265.4	3265.4	3265.4	3265.4
2.5°	3399.2	3444.2	3433.0	3461.1
5°	3593.5	3652.6	3652.6	3690.7
7.5°	3673.8	3735.7	3735.7	3765.3
10°	3721.6	3787.8	3790.6	3827.2
12.5°	3670.9	3724.4	3735.7	3776.5
15°	3610.4	3621.7	3627.3	3655.5
17.5°	3455.5	3466.8	3472.4	3483.7
20°	3278.1	3261.2	3252.7	3272.4
22.5°	3044.3	2995.0	2964.1	2964.1
25°	2720.5	2695.1	2626.1	2614.9
27.5°	2362.8	2309.3	2254.4	2243.1
30°	1982.6	1908.0	1862.9	1882.6
32.5°	1547.5	1525.0	1525.0	1550.3
35°	1236.3	1264.5	1275.7	1292.6
37.5°	1023.7	1087.1	1109.6	1139.2
40°	792.8	878.7	953.3	1001.2
42.5°	657.6	770.2	843.5	864.6
45°	626.6	729.4	795.6	801.2
47.5°	621.0	712.5	781.5	801.2
50°	623.8	737.8	798.4	806.8
52.5°	590.0	687.2	743.5	737.8
55°	618.2	709.7	737.8	737.8
57.5°	629.4	737.8	806.8	818.1
60°	654.8	867.4	940.6	943.4
62.5°	732.2	1006.8	932.2	898.4
65°	861.8	1075.8	953.3	904.0
67.5°	798.4	867.4	763.2	754.7
69°	775.9	832.2	740.7	715.3
70°	749.1	815.3	740.7	732.2
72.5°	757.6	829.4	646.3	606.9
75°	712.5	792.8	615.3	560.4
77.5°	674.5	746.3	606.9	554.8
80°	560.4	681.5	601.3	583.0
82.5°	385.8	537.9	521.0	554.8
85°	200.0	335.1	421.0	491.4
87.5°	66.2	133.8	197.1	222.5
90°	0.0	0.0	0.0	0.0

(END OF REPORT)