

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: P175625

Luminaire Tested: **VERD-G-A028-E-U-T3-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P175625
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-G-A028-E-U-T3-AP
Description: VERDEON-G ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 4000K LEDS AT 80% STANDARD LUMENS AND TYPE III OPTICS, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11946 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Luminous Opening: Rectangular (W 0.9' x L: 1.25' x H: 0')
IES Classification: Type III - Medium - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 103
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: 28.75 FT

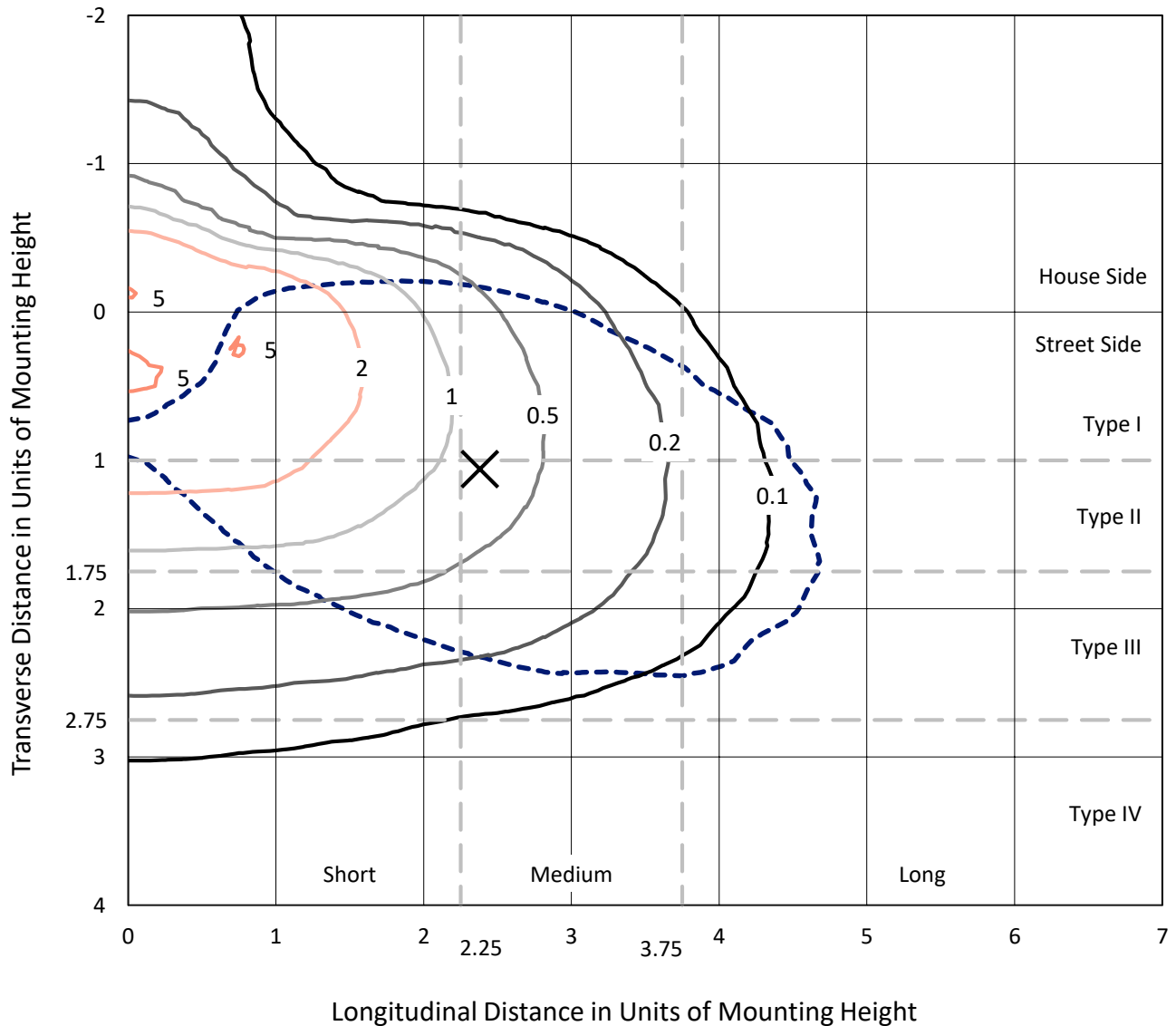


REPORT NUMBER: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

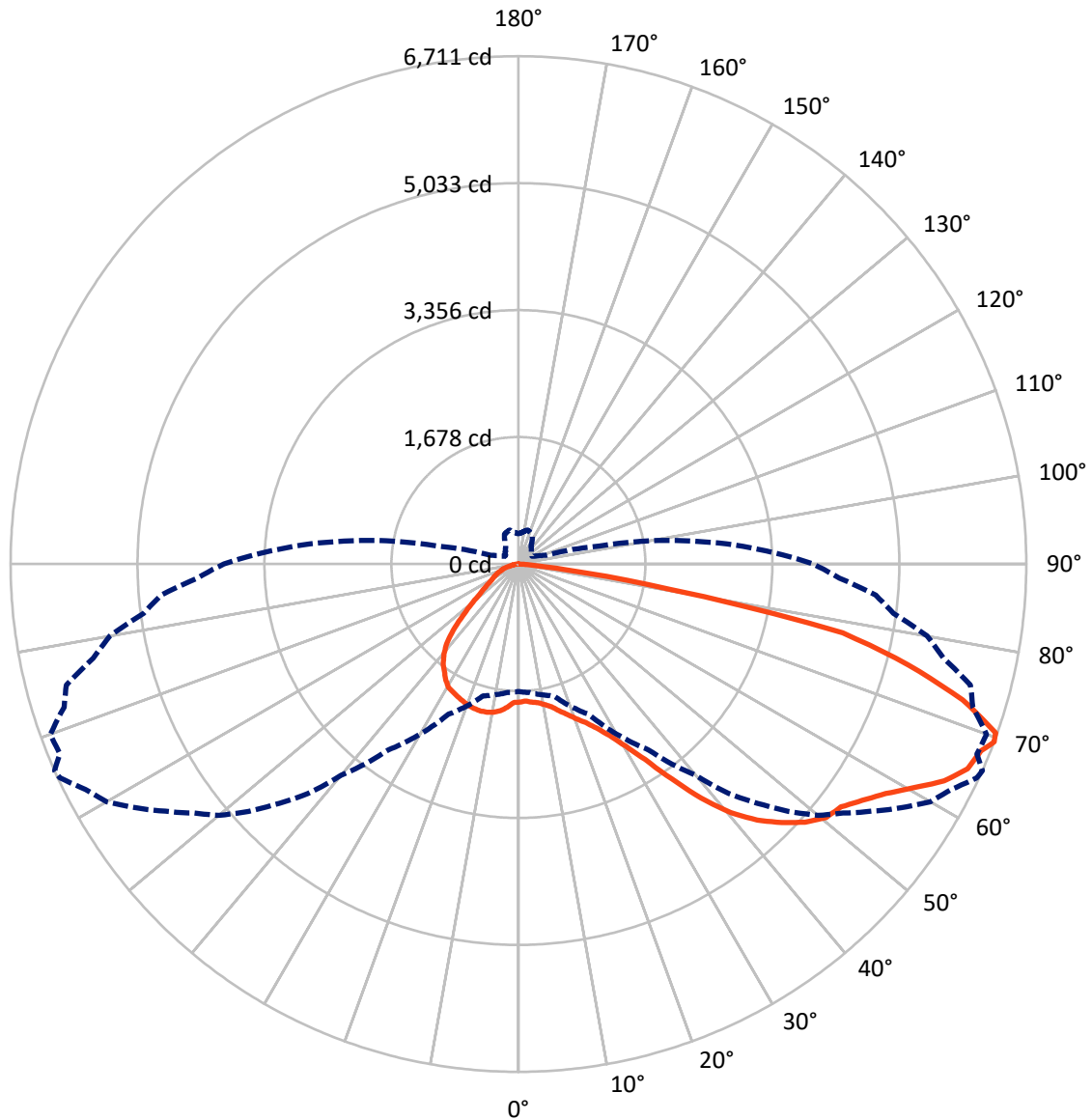


Based on 20 foot mounting height. Maximum calculated value = 5.1 fc
 Type III - Medium - Semi-Cutoff

REPORT NUMBER: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

Luminous Intensity Polar Plot



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

REPORT NUMBER: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

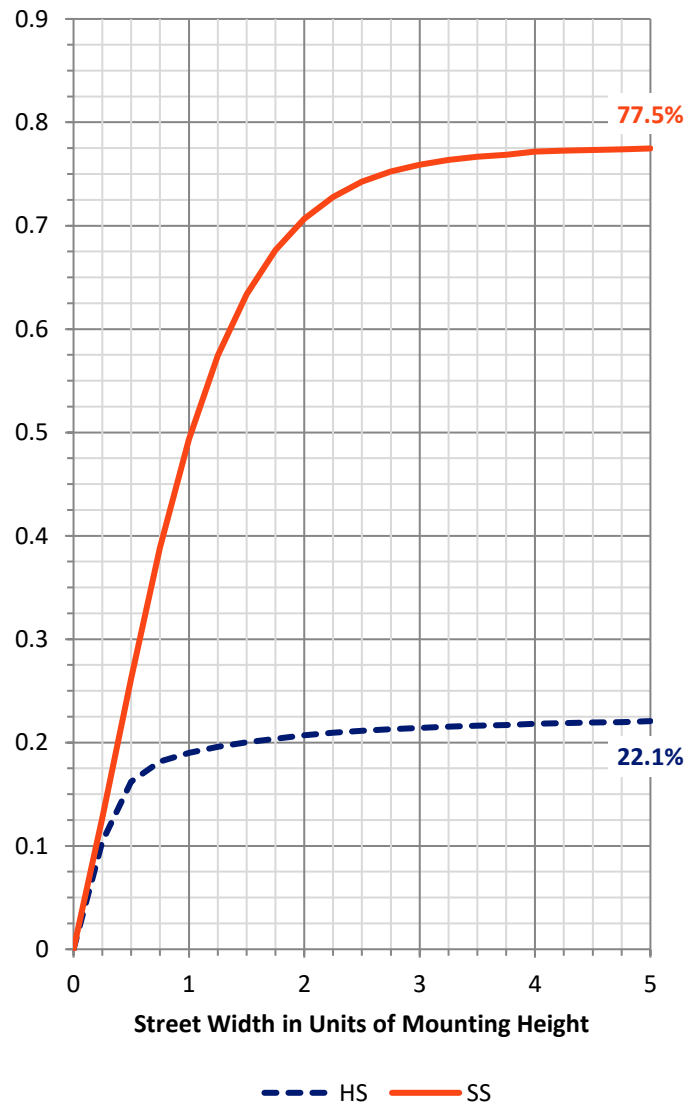
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2684.4	0.0	2684.4
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	9261.6	0.0	9261.6
	% Fixture	77.5	0.0	77.5
Total	Lumens	11946.0	0.0	11946.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.8	1.5
10°-20°	584.1	4.9
20°-30°	1000.4	8.4
30°-40°	1500.1	12.6
40°-50°	2041.1	17.1
50°-60°	2401.5	20.1
60°-70°	2521.9	21.1
70°-80°	1562.5	13.1
80°-90°	150.5	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°	11946.0	100.0
0°-180°	11946.0	100.0



REPORT NUMBER: P175625

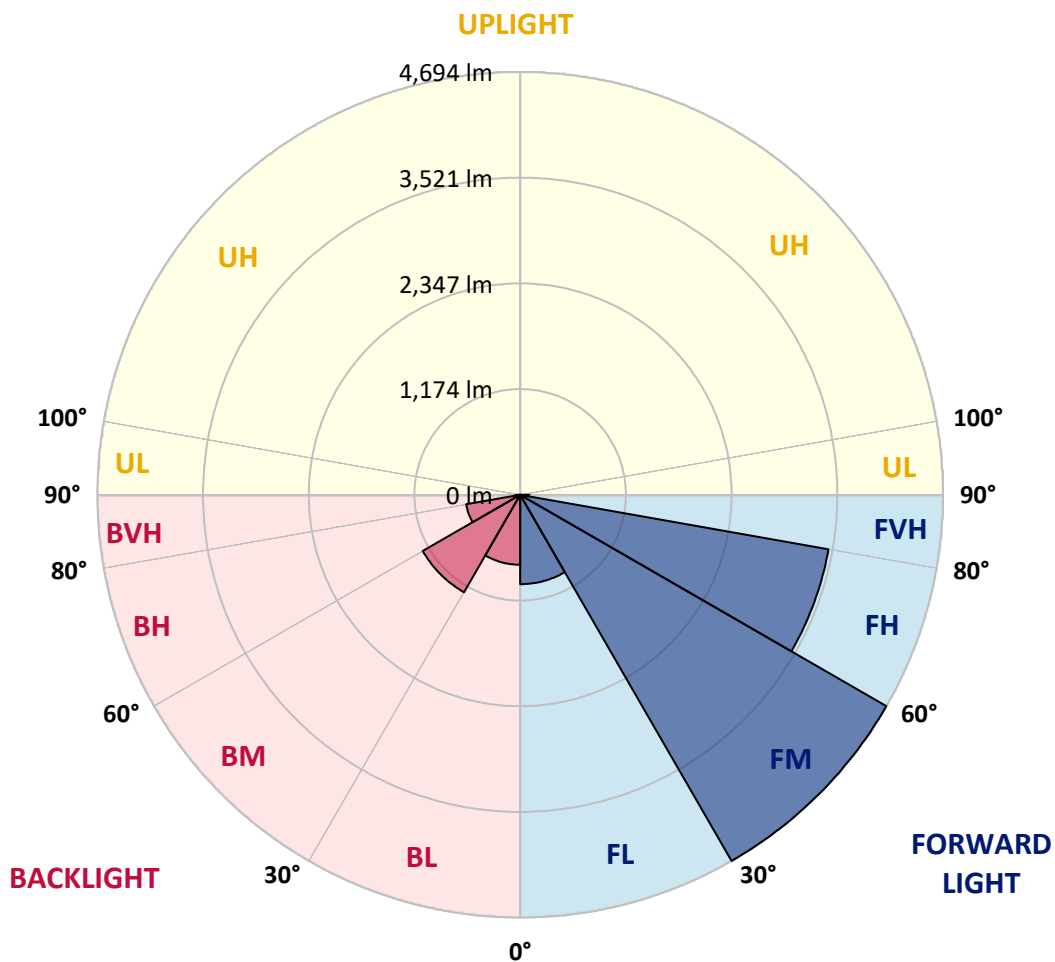
CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	991.7	8.3			
FM	(30°-60°)	4694.1	39.3			
FH	(60°-80°)	3475.7	29.1			G2/5000
FVH	(80°-90°)	100.0	0.8			G2/225
BL	(0°-30°)	776.6	6.5	B2/1000		
BM	(30°-60°)	1248.7	10.5	B2/2500		
BH	(60°-80°)	608.6	5.1	B2/1000		G2/1000
BVH	(80°-90°)	50.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Medium





REPORT NUMBER: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7
2.5°	1854.6	1854.6	1834.9	1831.8	1828.6	1819.2	1812.9	1812.9	1806.6	1812.9	1816.0
5°	1892.4	1882.9	1862.5	1860.9	1851.5	1851.5	1851.5	1841.2	1834.9	1831.8	1831.8
7.5°	1946.7	1935.7	1919.9	1905.8	1893.9	1886.1	1867.2	1882.9	1871.9	1870.3	1871.9
10°	2033.2	2025.4	1996.2	1993.1	1966.3	1956.9	1940.4	1940.4	1934.1	1930.9	1921.5
12.5°	2113.5	2110.3	2079.6	2073.3	2044.2	2030.1	2020.6	2017.5	2003.3	1998.6	1983.6
15°	2231.5	2217.3	2194.5	2183.5	2145.0	2135.5	2116.6	2100.9	2092.2	2087.5	2082.8
17.5°	2340.1	2332.2	2308.6	2290.5	2247.2	2234.7	2212.6	2209.5	2183.5	2174.1	2161.5
20°	2465.2	2451.8	2428.2	2420.4	2389.7	2356.6	2327.5	2327.5	2296.8	2270.1	2265.3
22.5°	2599.0	2584.8	2552.5	2547.8	2519.5	2503.0	2465.2	2451.8	2415.6	2394.4	2364.5
25°	2749.3	2730.4	2708.3	2701.3	2679.2	2669.8	2621.8	2615.5	2561.2	2541.5	2519.5
27.5°	2880.7	2888.5	2877.5	2869.6	2853.1	2835.8	2800.4	2800.4	2736.7	2727.2	2695.0
30°	3059.3	3046.7	3053.0	3048.3	3027.8	3024.7	3001.8	2998.7	2942.8	2947.5	2893.2
32.5°	3197.0	3200.1	3215.1	3218.2	3224.5	3229.2	3206.4	3184.4	3149.0	3171.8	3114.4
35°	3305.6	3305.6	3358.3	3429.1	3441.7	3491.3	3462.1	3452.7	3393.7	3446.4	3385.8
37.5°	3395.3	3400.0	3437.0	3526.7	3612.4	3670.7	3660.4	3680.1	3633.7	3718.7	3673.8
40°	3462.1	3463.7	3528.2	3636.8	3780.8	3861.9	3868.2	3897.3	3880.0	3987.0	3968.9
42.5°	3398.4	3407.8	3526.7	3739.1	3931.1	4035.0	4069.6	4137.3	4145.1	4271.0	4267.9
45°	3322.1	3334.7	3467.6	3776.1	4060.1	4194.7	4271.0	4383.5	4407.1	4552.7	4554.3
47.5°	3251.3	3272.5	3407.8	3748.6	4177.4	4351.3	4459.9	4597.6	4651.9	4779.3	4788.0
50°	3184.4	3203.3	3352.0	3728.1	4281.3	4495.3	4629.8	4792.7	4845.4	4968.2	4963.4
52.5°	3043.5	3066.4	3240.2	3658.9	4330.8	4565.3	4709.3	4856.4	4936.7	5073.6	5064.2
55°	2912.9	2941.2	3114.4	3576.2	4334.0	4578.7	4741.6	4885.6	4977.6	5131.0	5124.8
57.5°	2765.8	2776.8	2957.0	3446.4	4271.0	4540.1	4699.9	4885.6	4979.2	5160.2	5187.7
60°	2570.6	2600.5	2768.9	3269.4	4159.3	4475.6	4693.6	4910.7	5025.6	5259.3	5315.2
62.5°	2388.1	2404.6	2567.5	3059.3	3968.9	4332.4	4585.0	4856.4	5045.3	5301.0	5443.4
65°	2155.2	2181.9	2322.8	2781.5	3694.3	4063.3	4360.7	4696.7	4957.2	5253.0	5451.3
67.5°	1870.3	1890.8	2012.8	2439.2	3286.7	3647.8	3983.8	4408.7	4721.9	5025.6	5293.1
69°	1684.6	1705.9	1803.5	2189.8	2998.7	3331.5	3644.7	4114.4	4470.9	4837.6	5166.5
70°	1547.7	1558.7	1657.9	2008.0	2779.9	3101.0	3373.2	3868.2	4261.6	4718.7	5064.2
72.5°	1166.9	1182.6	1256.6	1524.9	2127.6	2420.4	2663.5	3063.2	3514.9	4073.5	4450.4
75°	793.1	791.6	861.6	1026.1	1331.4	1521.8	1729.5	2093.8	2488.8	2982.9	3485.0
77.5°	262.0	268.3	311.6	463.5	599.6	646.0	674.3	808.9	1133.1	1406.9	1935.7
80°	102.3	105.4	173.9	230.5	299.0	322.6	339.1	399.7	457.2	530.3	677.5
82.5°	63.7	88.1	121.2	137.7	139.3	131.4	124.3	150.3	187.3	233.7	273.0
85°	41.7	55.9	55.9	59.0	59.0	54.3	41.7	60.6	83.4	92.8	111.7
87.5°	22.0	33.8	32.3	27.5	20.5	12.6	0.0	6.3	12.6	15.7	7.9
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: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	66°	67.5°	70°	72.5°	75°
0°	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7
2.5°	1816.0	1814.5	1797.2	1814.5	1803.5	1812.9	1812.9	1797.2	1817.6	1822.3	1827.1
5°	1828.6	1833.4	1825.5	1827.1	1825.5	1828.6	1833.4	1828.6	1838.1	1844.4	1838.1
7.5°	1857.8	1865.6	1841.2	1859.3	1838.1	1841.2	1849.9	1841.2	1862.5	1867.2	1860.9
10°	1908.9	1908.9	1902.6	1902.6	1889.2	1890.8	1887.7	1882.9	1889.2	1876.6	1893.9
12.5°	1960.0	1963.2	1943.5	1955.3	1937.2	1937.2	1934.1	1924.6	1934.1	1930.9	1930.9
15°	2045.8	2052.9	2026.9	2037.9	2017.5	2014.3	2012.8	2011.2	2006.5	1994.7	2011.2
17.5°	2138.7	2133.9	2116.6	2104.0	2087.5	2090.7	2089.1	2090.7	2081.2	2074.9	2084.4
20°	2234.7	2233.1	2215.8	2201.6	2186.7	2180.4	2181.9	2180.4	2170.9	2174.1	2175.6
22.5°	2362.9	2333.8	2336.9	2305.5	2295.2	2284.2	2276.4	2292.1	2270.1	2298.4	2276.4
25°	2510.1	2476.2	2487.2	2436.1	2426.6	2406.2	2402.3	2423.5	2404.6	2448.7	2425.1
27.5°	2676.1	2640.7	2643.8	2602.1	2586.4	2567.5	2567.5	2612.3	2584.8	2624.9	2580.1
30°	2887.0	2854.7	2880.7	2809.1	2810.6	2786.2	2789.4	2851.5	2813.8	2864.9	2812.2
32.5°	3142.7	3090.0	3130.1	3064.8	3088.4	3064.8	3082.1	3168.6	3130.1	3206.4	3112.8
35°	3421.2	3370.1	3446.4	3398.4	3452.7	3469.2	3486.5	3599.8	3577.8	3673.8	3598.3
37.5°	3750.1	3716.3	3785.5	3780.8	3884.7	3897.3	3924.8	4069.6	4042.8	4171.9	4075.1
40°	4083.0	4046.0	4168.7	4143.6	4281.3	4295.4	4322.2	4479.5	4431.5	4507.9	4394.6
42.5°	4373.3	4363.9	4447.3	4445.7	4581.8	4596.0	4624.3	4741.6	4684.1	4712.4	4605.4
45°	4670.7	4639.3	4738.4	4718.7	4865.9	4861.2	4873.7	4987.8	4933.5	4920.2	4816.3
47.5°	4872.2	4850.1	4955.6	4936.7	5087.0	5075.2	5098.0	5163.3	5094.9	5099.6	4994.1
50°	5064.2	5037.4	5131.0	5113.7	5233.3	5249.9	5267.2	5307.3	5223.9	5166.5	5081.5
52.5°	5166.5	5113.7	5192.4	5201.9	5313.6	5313.6	5334.1	5355.3	5316.7	5310.4	5235.7
55°	5205.0	5183.8	5256.2	5275.0	5431.6	5478.0	5511.9	5547.3	5529.2	5518.2	5428.5
57.5°	5294.7	5281.3	5412.7	5459.2	5626.8	5684.2	5721.2	5793.6	5758.2	5687.4	5575.6
60°	5489.9	5518.2	5674.8	5716.5	5927.3	5976.9	6002.9	6032.8	6015.5	5911.6	5773.9
62.5°	5620.5	5710.2	5902.2	6002.9	6221.6	6301.9	6314.5	6311.3	6240.5	6093.4	5948.6
65°	5662.2	5796.7	6055.6	6224.8	6438.8	6517.5	6522.2	6496.2	6441.9	6234.2	6080.8
67.5°	5541.0	5756.6	6055.6	6257.0	6483.6	6590.7	6592.2	6531.6	6525.3	6282.2	6161.0
69°	5406.4	5696.0	5995.0	6282.2	6448.2	6686.7	6711.0	6557.6	6582.8	6294.8	6184.6
70°	5335.6	5651.2	5975.3	6282.2	6483.6	6655.2	6691.4	6592.2	6552.9	6234.2	6100.4
72.5°	4789.6	5153.9	5607.9	5888.8	6026.5	6151.6	6138.2	6080.8	6040.6	5719.6	5603.2
75°	3891.0	4245.8	4667.6	4949.3	5083.1	5305.7	5321.5	5265.6	5294.7	4971.3	4888.7
77.5°	2397.5	2981.4	3424.4	3839.8	3977.5	4326.1	4382.0	4370.2	4433.1	4140.4	4050.7
80°	790.0	1007.2	1214.9	1557.2	1509.2	1937.2	2022.2	2023.8	2141.8	1656.3	1836.5
82.5°	300.6	373.8	444.6	532.7	562.6	604.3	609.0	591.7	644.4	575.2	568.9
85°	89.7	102.3	89.7	103.9	105.4	129.8	114.9	86.6	118.0	92.8	88.1
87.5°	6.3	9.4	9.4	20.5	0.0	20.5	12.6	9.4	9.4	12.6	11.0
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: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

CANDELA DISTRIBUTION (continued):

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7
2.5°	1825.5	1819.2	1822.3	1820.8	1822.3	1830.2	1825.5	1816.0	1819.2	1827.1	1816.0
5°	1841.2	1831.8	1851.5	1819.2	1838.1	1848.3	1851.5	1854.6	1854.6	1856.2	1870.3
7.5°	1860.9	1842.8	1860.9	1859.3	1870.3	1871.9	1884.5	1895.5	1908.9	1902.6	1915.2
10°	1892.4	1893.9	1899.5	1895.5	1905.8	1904.2	1924.6	1941.9	1956.9	1949.0	1950.6
12.5°	1963.2	1941.9	1960.0	1946.7	1960.0	1960.0	1969.5	1966.3	1991.5	1978.9	1969.5
15°	2033.2	2015.9	2030.1	2015.9	2026.9	2023.8	2019.1	2004.9	2023.8	2019.1	2014.3
17.5°	2110.3	2084.4	2104.0	2076.5	2084.4	2063.9	2045.8	2017.5	2039.5	2015.9	2004.9
20°	2186.7	2175.6	2174.1	2148.1	2135.5	2124.5	2078.1	2041.1	2049.7	2028.5	1994.7
22.5°	2279.5	2263.8	2254.3	2212.6	2199.2	2178.8	2121.3	2063.9	2049.7	2031.6	2001.7
25°	2417.2	2378.6	2369.2	2322.8	2311.8	2268.5	2177.2	2105.6	2084.4	2057.6	2011.2
27.5°	2580.1	2522.6	2506.9	2440.8	2432.9	2364.5	2273.2	2163.1	2113.5	2059.2	2020.6
30°	2806.7	2706.8	2701.3	2609.2	2599.0	2499.8	2370.8	2244.1	2174.1	2105.6	2036.4
32.5°	3155.3	3018.4	3030.9	2899.5	2887.0	2725.6	2506.9	2321.2	2222.1	2141.8	2030.1
35°	3689.5	3537.7	3523.5	3377.9	3341.0	3170.2	2879.1	2513.2	2324.4	2178.8	2033.2
37.5°	4076.7	3961.0	3926.4	3793.4	3654.1	3518.8	3184.4	2768.9	2547.8	2333.8	2078.1
40°	4351.3	4227.0	4149.8	4010.6	3900.4	3765.9	3412.6	2987.7	2727.2	2471.5	2174.1
42.5°	4562.2	4445.7	4360.7	4233.3	4120.7	3942.1	3556.6	3057.7	2787.8	2547.8	2183.5
45°	4757.3	4640.8	4549.6	4410.3	4287.5	4132.5	3705.3	3090.0	2781.5	2499.8	2138.7
47.5°	4926.5	4800.6	4670.7	4529.1	4393.0	4245.8	3802.8	3142.7	2749.3	2426.6	1988.4
50°	5000.4	4896.6	4786.4	4642.4	4492.1	4351.3	3868.2	3117.5	2621.8	2271.6	1793.2
52.5°	5147.6	4994.1	4869.0	4723.5	4559.0	4391.4	3857.1	3026.2	2432.9	2036.4	1554.0
55°	5313.6	5177.5	5003.6	4864.3	4658.2	4456.7	3892.5	2917.6	2266.9	1875.1	1377.8
57.5°	5457.6	5305.7	5096.4	4943.0	4696.7	4479.5	3813.9	2781.5	2116.6	1720.1	1227.5
60°	5598.4	5449.7	5214.5	5025.6	4732.1	4466.2	3737.5	2701.3	2008.0	1583.9	1045.7
62.5°	5725.9	5553.6	5240.4	5035.8	4677.0	4410.3	3636.8	2551.0	1819.2	1421.1	856.9
65°	5806.2	5598.4	5214.5	4991.0	4594.4	4315.9	3469.2	2335.4	1611.5	1187.4	671.2
67.5°	5806.2	5563.0	5112.2	4880.0	4408.7	4084.5	3155.3	2011.2	1304.6	930.1	479.2
69°	5755.0	5482.8	4997.3	4740.0	4245.8	3892.5	2875.9	1769.6	1100.0	738.9	380.8
70°	5687.4	5409.6	4865.9	4580.3	4098.7	3718.7	2672.9	1616.2	962.3	610.6	348.6
72.5°	5211.3	4943.0	4332.4	4044.4	3517.2	3168.6	2178.8	1123.6	543.7	348.6	281.7
75°	4469.3	4253.7	3619.5	3336.2	2784.7	2474.6	1476.9	524.0	306.9	265.2	217.2
77.5°	3517.2	3297.7	2755.5	2432.9	1860.9	1561.9	598.0	280.1	230.5	184.1	144.0
80°	1413.2	1354.2	834.1	819.9	511.5	454.0	292.7	195.1	156.6	125.9	89.7
82.5°	463.5	452.4	380.8	350.1	288.0	273.0	195.1	136.1	102.3	83.4	51.1
85°	66.9	81.8	77.1	77.1	54.3	62.2	46.4	37.0	29.1	23.6	12.6
87.5°	0.0	4.7	3.1	7.9	6.3	9.4	12.6	12.6	3.1	12.6	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: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°
0°	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7	1824.7
2.5°	1833.4	1834.9	1830.2	1838.1	1841.2	1848.3	1848.3	1854.6	1848.3	1851.5	1875.1
5°	1889.2	1902.6	1895.5	1902.6	1912.0	1912.0	1926.2	1937.2	1930.9	1938.8	1982.1
7.5°	1930.9	1960.0	1950.6	1966.3	1967.9	1982.1	1975.8	2004.9	1993.1	1994.7	2033.2
10°	1974.2	1982.1	1989.9	1994.7	1998.6	2020.6	2008.0	2020.6	2025.4	2025.4	2056.0
12.5°	1985.2	2001.7	2003.3	2017.5	2000.2	2030.1	2014.3	2033.2	2022.2	2020.6	2041.1
15°	2009.6	2011.2	2000.2	2008.0	2004.9	2042.7	2022.2	2036.4	2009.6	2014.3	2028.5
17.5°	1996.2	1998.6	1994.7	2001.7	1989.9	2008.0	1985.2	1998.6	1977.4	1964.8	1963.2
20°	2009.6	1998.6	1969.5	1975.8	1963.2	1972.6	1946.7	1946.7	1918.3	1904.2	1857.8
22.5°	1991.5	1969.5	1946.7	1924.6	1907.3	1905.8	1881.4	1886.1	1836.5	1791.7	1735.8
25°	1983.6	1934.1	1921.5	1873.5	1870.3	1848.3	1800.3	1790.1	1743.7	1676.8	1602.0
27.5°	1994.7	1924.6	1886.1	1838.1	1803.5	1749.2	1716.9	1672.1	1614.6	1540.7	1411.6
30°	1977.4	1912.0	1848.3	1755.5	1726.3	1646.9	1594.2	1537.5	1480.1	1384.1	1224.3
32.5°	1964.8	1864.0	1771.2	1659.5	1613.0	1512.3	1465.9	1374.6	1317.2	1196.0	994.6
35°	1915.2	1793.2	1681.5	1560.3	1495.0	1384.1	1307.7	1205.5	1125.2	981.2	762.5
37.5°	1901.0	1716.9	1606.7	1435.2	1347.9	1214.9	1129.9	1000.9	920.6	764.0	609.0
40°	1915.2	1639.8	1483.2	1288.1	1165.3	1010.3	901.7	770.3	682.2	565.7	469.7
42.5°	1895.5	1531.2	1336.1	1083.5	940.3	757.7	642.9	543.7	502.0	429.6	356.4
45°	1798.7	1390.4	1122.0	818.3	679.1	524.0	446.1	384.0	372.2	334.4	316.3
47.5°	1635.1	1160.6	900.2	598.0	483.1	384.0	354.9	325.8	329.7	316.3	308.4
50°	1436.8	968.6	717.6	469.7	395.0	367.5	342.3	329.7	329.7	314.7	313.2
52.5°	1218.0	776.6	567.3	387.1	347.0	329.7	310.0	313.2	295.9	286.4	286.4
55°	1050.4	639.7	487.8	358.0	324.2	306.9	311.6	294.3	291.1	281.7	292.7
57.5°	900.2	527.2	421.8	339.1	314.7	294.3	299.0	274.6	280.1	277.8	291.1
60°	734.1	441.4	382.4	316.3	292.7	284.8	274.6	265.2	262.0	257.3	283.3
62.5°	583.8	390.3	348.6	297.4	271.5	258.9	255.7	258.9	254.2	258.9	286.4
65°	460.3	345.4	321.0	278.5	257.3	258.9	247.9	249.4	257.3	262.0	297.4
67.5°	375.3	294.3	277.8	243.1	232.1	220.3	226.6	236.8	240.0	246.3	299.0
69°	329.7	278.5	249.4	220.3	207.7	207.7	206.2	220.3	230.5	240.0	291.1
70°	302.2	236.8	238.4	201.4	190.4	185.7	199.9	204.6	212.4	236.8	297.4
72.5°	255.7	217.2	214.0	179.4	181.0	175.5	181.0	210.9	199.9	232.1	306.9
75°	190.4	166.0	162.9	147.1	145.6	150.3	156.6	169.2	184.1	207.7	283.3
77.5°	136.1	111.7	124.3	99.1	107.0	96.0	111.7	124.3	139.3	164.5	254.2
80°	89.7	77.1	86.6	63.7	73.2	66.9	85.0	89.7	81.8	114.9	190.4
82.5°	57.4	54.3	55.9	38.6	46.4	41.7	44.9	41.7	52.7	62.2	121.2
85°	14.2	12.6	27.5	22.0	12.6	15.7	17.3	29.1	27.5	29.1	46.4
87.5°	0.0	0.0	11.0	0.0	3.1	0.0	3.1	15.7	12.6	15.7	12.6
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: P175625

CATALOG NUMBER: VERD-G-A028-E-U-T3-AP

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1824.7	1824.7	1824.7	1824.7
2.5°	1899.5	1924.6	1918.3	1934.1
5°	2008.0	2041.1	2041.1	2062.3
7.5°	2052.9	2087.5	2087.5	2104.0
10°	2079.6	2116.6	2118.2	2138.7
12.5°	2051.3	2081.2	2087.5	2110.3
15°	2017.5	2023.8	2026.9	2042.7
17.5°	1930.9	1937.2	1940.4	1946.7
20°	1831.8	1822.3	1817.6	1828.6
22.5°	1701.2	1673.6	1656.3	1656.3
25°	1520.2	1506.0	1467.5	1461.2
27.5°	1320.3	1290.4	1259.7	1253.5
30°	1107.9	1066.2	1041.0	1052.0
32.5°	864.7	852.2	852.2	866.3
35°	690.9	706.6	712.9	722.3
37.5°	572.0	607.4	620.0	636.6
40°	443.0	491.0	532.7	559.5
42.5°	367.5	430.4	471.3	483.1
45°	350.1	407.6	444.6	447.7
47.5°	347.0	398.1	436.7	447.7
50°	348.6	412.3	446.1	450.9
52.5°	329.7	384.0	415.5	412.3
55°	345.4	396.6	412.3	412.3
57.5°	351.7	412.3	450.9	457.2
60°	365.9	484.7	525.6	527.2
62.5°	409.2	562.6	520.9	502.0
65°	481.6	601.2	532.7	505.2
67.5°	446.1	484.7	426.5	421.8
69°	433.6	465.0	413.9	399.7
70°	418.6	455.6	413.9	409.2
72.5°	423.3	463.5	361.2	339.1
75°	398.1	443.0	343.9	313.2
77.5°	376.9	417.0	339.1	310.0
80°	313.2	380.8	336.0	325.8
82.5°	215.6	300.6	291.1	310.0
85°	111.7	187.3	235.3	274.6
87.5°	37.0	74.8	110.2	124.3
90°	0.0	0.0	0.0	0.0

(END OF REPORT)