

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: P161897

Luminaire Tested: **OVF-E06-LED-E-U-SL3**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P161897
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33702)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: OVF-E06-LED-E-U-SL3
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17812.2 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 150.5
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

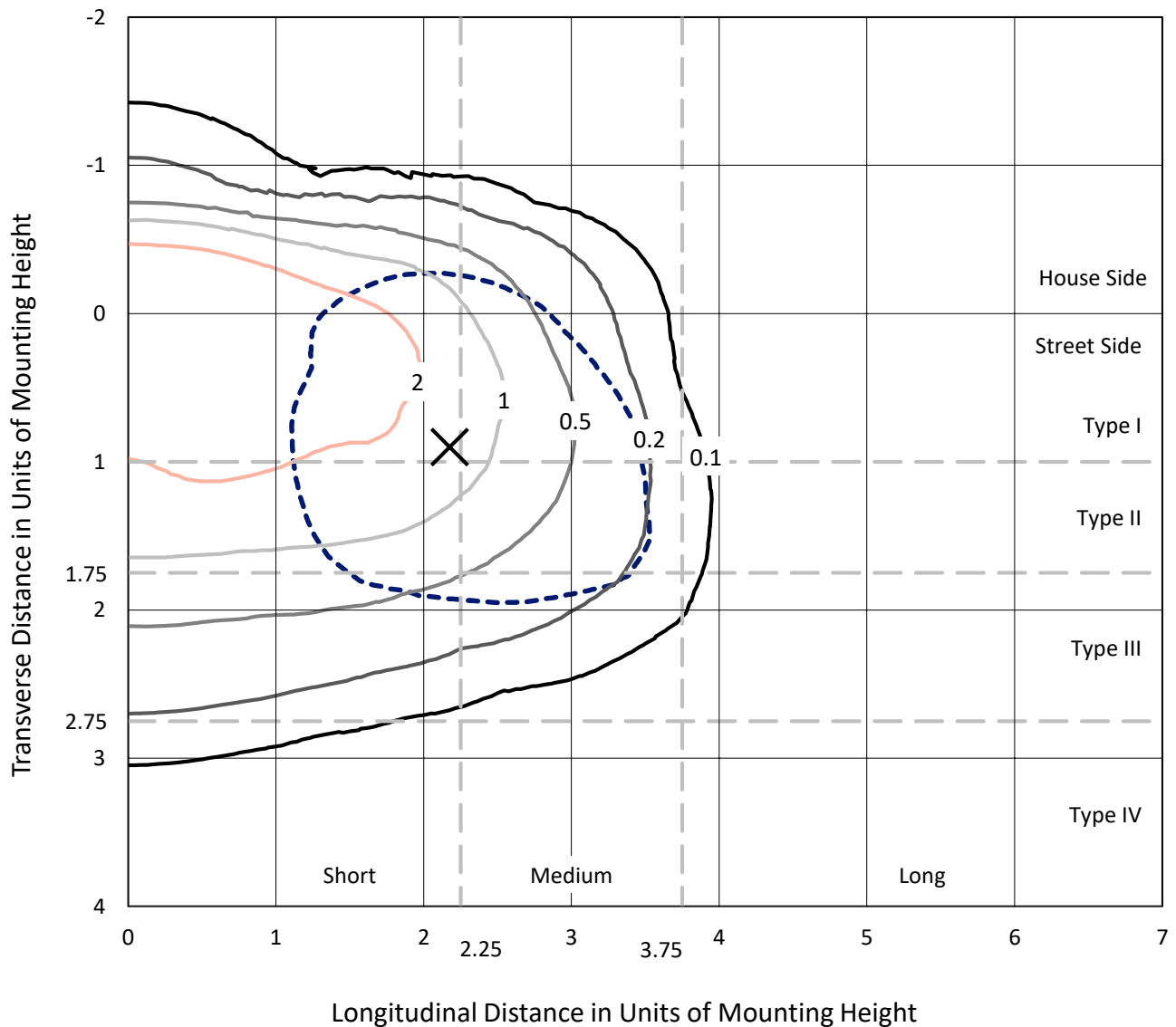


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

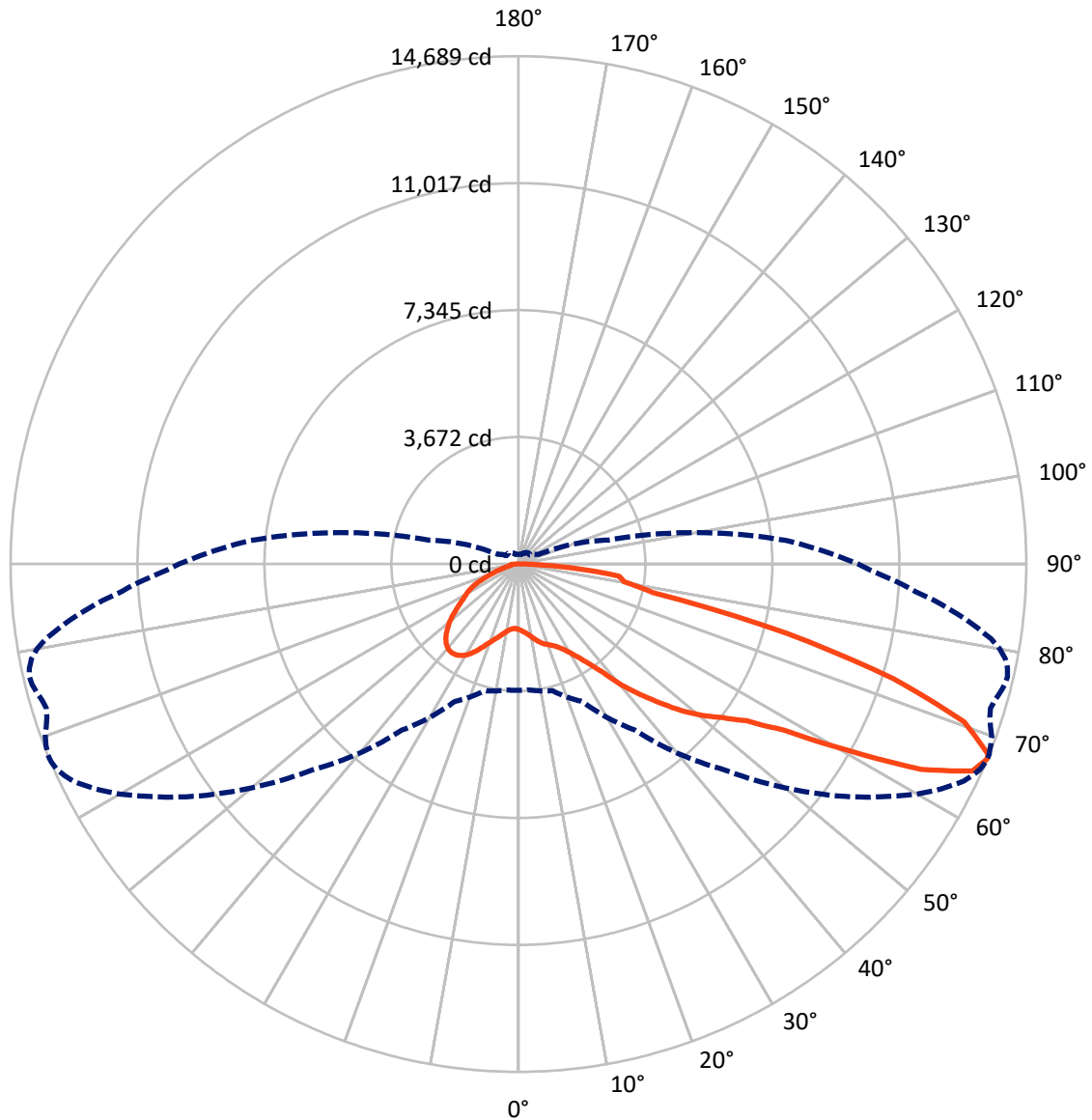


Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4217.8 | 0.0 | 4217.8 |
| | % Fixture | 23.7 | 0.0 | 23.7 |
| Street Side | Lumens | 13594.3 | 0.0 | 13594.3 |
| | % Fixture | 76.3 | 0.0 | 76.3 |
| Total | Lumens | 17812.2 | 0.0 | 17812.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 189.1 | 1.1 |
| 10°-20° | 647.6 | 3.6 |
| 20°-30° | 1152.8 | 6.5 |
| 30°-40° | 1679.3 | 9.4 |
| 40°-50° | 2587.5 | 14.5 |
| 50°-60° | 3789.4 | 21.3 |
| 60°-70° | 5031.9 | 28.3 |
| 70°-80° | 2371.9 | 13.3 |
| 80°-90° | 362.6 | 2.0 |
| 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° | 17812.2 | 100.0 |
| 0°-180° | 17812.2 | 100.0 |



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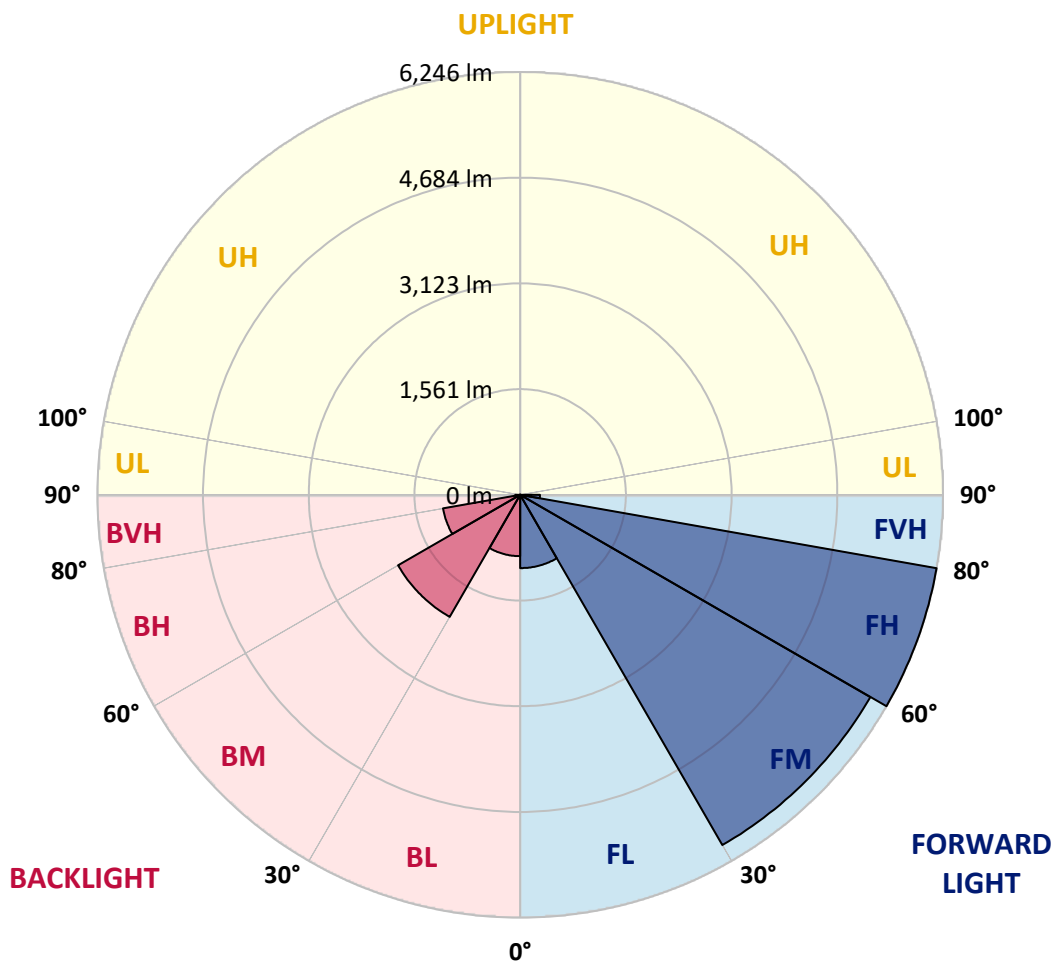
CATALOG NUMBER: OVF-E06-LED-E-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1082.8 | 6.1 | | | |
| FM (30°-60°) | 5973.4 | 33.5 | | | |
| FH (60°-80°) | 6245.9 | 35.1 | | | G3/7500 |
| FVH (80°-90°) | 292.2 | 1.6 | | | G3/500 |
| BL (0°-30°) | 906.7 | 5.1 | B2/1000 | | |
| BM (30°-60°) | 2082.8 | 11.7 | B2/2500 | | |
| BH (60°-80°) | 1157.9 | 6.5 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 70.4 | 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 Short





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CATALOG NUMBER: OVF-E06-LED-E-U-SL3

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0° | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 |
| 2.5° | 1989.6 | 1981.2 | 1982.4 | 1986.0 | 1974.0 | 1968.0 | 1954.8 | 1946.4 | 1945.2 | 1944.0 | 1939.2 |
| 5° | 2106.0 | 2097.6 | 2101.2 | 2091.6 | 2068.8 | 2053.2 | 2025.6 | 2011.2 | 2008.8 | 2006.4 | 2000.4 |
| 7.5° | 2227.2 | 2216.4 | 2204.4 | 2193.6 | 2168.4 | 2143.2 | 2107.2 | 2085.6 | 2083.2 | 2079.6 | 2076.0 |
| 10° | 2371.2 | 2355.6 | 2346.0 | 2312.4 | 2269.2 | 2234.4 | 2198.4 | 2175.6 | 2174.4 | 2170.8 | 2163.6 |
| 12.5° | 2533.2 | 2516.4 | 2498.4 | 2454.0 | 2386.8 | 2335.2 | 2293.2 | 2280.0 | 2269.2 | 2270.4 | 2263.2 |
| 15° | 2694.0 | 2676.0 | 2652.0 | 2595.6 | 2506.8 | 2430.0 | 2376.0 | 2356.8 | 2358.0 | 2352.0 | 2355.6 |
| 17.5° | 2829.6 | 2814.0 | 2779.2 | 2707.2 | 2604.0 | 2498.4 | 2430.0 | 2421.6 | 2424.0 | 2422.8 | 2426.4 |
| 20° | 2918.4 | 2908.8 | 2856.0 | 2769.6 | 2653.2 | 2536.8 | 2467.2 | 2467.2 | 2468.4 | 2473.2 | 2481.6 |
| 22.5° | 2972.4 | 2958.0 | 2888.4 | 2767.2 | 2652.0 | 2554.8 | 2500.8 | 2512.8 | 2520.0 | 2523.6 | 2536.8 |
| 25° | 3002.4 | 2984.4 | 2889.6 | 2728.8 | 2611.2 | 2568.0 | 2551.2 | 2581.2 | 2593.2 | 2599.2 | 2620.8 |
| 27.5° | 3002.4 | 2980.8 | 2874.0 | 2680.8 | 2564.4 | 2607.6 | 2647.2 | 2698.8 | 2707.2 | 2725.2 | 2750.4 |
| 30° | 2968.8 | 2952.0 | 2850.0 | 2644.8 | 2552.4 | 2682.0 | 2802.0 | 2860.8 | 2881.2 | 2901.6 | 2934.0 |
| 32.5° | 2932.8 | 2918.4 | 2838.0 | 2664.0 | 2619.6 | 2838.0 | 3038.4 | 3118.8 | 3130.8 | 3147.6 | 3181.2 |
| 35° | 2930.4 | 2925.6 | 2890.8 | 2786.4 | 2822.4 | 3123.6 | 3394.8 | 3450.0 | 3483.6 | 3492.0 | 3506.4 |
| 37.5° | 2955.6 | 2965.2 | 2995.2 | 2984.4 | 3114.0 | 3548.4 | 3861.6 | 3972.0 | 3998.4 | 3984.0 | 3997.2 |
| 40° | 3014.4 | 3038.4 | 3150.0 | 3288.0 | 3559.2 | 4062.0 | 4497.6 | 4624.8 | 4653.6 | 4645.2 | 4641.6 |
| 42.5° | 3200.4 | 3232.8 | 3397.2 | 3692.4 | 4022.4 | 4593.6 | 5088.0 | 5224.8 | 5234.4 | 5239.2 | 5208.0 |
| 45° | 3492.0 | 3510.0 | 3728.4 | 4105.2 | 4524.0 | 5166.0 | 5677.2 | 5829.6 | 5823.6 | 5799.6 | 5776.8 |
| 47.5° | 3823.2 | 3860.4 | 4122.0 | 4578.0 | 5042.4 | 5695.2 | 6273.6 | 6422.4 | 6435.6 | 6414.0 | 6372.0 |
| 50° | 4124.4 | 4153.2 | 4448.4 | 4989.6 | 5499.6 | 6135.6 | 6776.4 | 6926.4 | 6924.0 | 6936.0 | 6948.0 |
| 52.5° | 4362.0 | 4388.4 | 4669.2 | 5264.4 | 5835.6 | 6505.2 | 7155.6 | 7340.4 | 7369.2 | 7388.4 | 7412.4 |
| 55° | 4484.4 | 4512.0 | 4771.2 | 5378.4 | 6039.6 | 6866.4 | 7593.6 | 7858.8 | 7908.0 | 7951.2 | 7990.8 |
| 57.5° | 4486.8 | 4522.8 | 4760.4 | 5370.0 | 6145.2 | 7189.2 | 8173.2 | 8649.6 | 8719.2 | 8829.6 | 8965.2 |
| 60° | 4413.6 | 4464.0 | 4677.6 | 5292.0 | 6266.4 | 7598.4 | 9128.4 | 10040.4 | 10177.2 | 10370.4 | 10544.4 |
| 62.5° | 4222.8 | 4273.2 | 4464.0 | 5094.0 | 6408.0 | 8122.8 | 10508.4 | 11845.2 | 12136.8 | 12350.4 | 12694.8 |
| 65° | 3921.6 | 3969.6 | 4130.4 | 4766.4 | 6295.2 | 8536.8 | 11536.8 | 13140.0 | 13437.6 | 13705.2 | 14109.6 |
| 67° | 3652.8 | 3657.6 | 3793.2 | 4390.8 | 5856.0 | 8408.4 | 11743.2 | 13312.8 | 13587.6 | 13858.8 | 14328.0 |
| 67.5° | 3558.0 | 3584.4 | 3690.0 | 4266.0 | 5689.2 | 8313.6 | 11661.6 | 13219.2 | 13485.6 | 13774.8 | 14253.6 |
| 70° | 2876.4 | 2883.6 | 2985.6 | 3403.2 | 4514.4 | 6892.8 | 10474.8 | 12025.2 | 12207.6 | 12631.2 | 13101.6 |
| 72.5° | 1754.4 | 1742.4 | 1774.8 | 2084.4 | 2971.2 | 4773.6 | 8386.8 | 9900.0 | 10149.6 | 10510.8 | 10828.8 |
| 75° | 966.0 | 1023.6 | 1063.2 | 1278.0 | 1669.2 | 2806.8 | 5710.8 | 7162.8 | 7528.8 | 7743.6 | 7807.2 |
| 77.5° | 590.4 | 585.6 | 603.6 | 824.4 | 1369.2 | 1920.0 | 3154.8 | 4202.4 | 4406.4 | 4467.6 | 4231.2 |
| 80° | 280.8 | 291.6 | 288.0 | 339.6 | 663.6 | 1620.0 | 2205.6 | 2698.8 | 2802.0 | 2860.8 | 2937.6 |
| 82.5° | 153.6 | 159.6 | 181.2 | 202.8 | 261.6 | 697.2 | 1903.2 | 2488.8 | 2558.4 | 2659.2 | 2772.0 |
| 85° | 96.0 | 100.8 | 139.2 | 146.4 | 160.8 | 214.8 | 793.2 | 1454.4 | 1513.2 | 1713.6 | 1777.2 |
| 87.5° | 39.6 | 43.2 | 75.6 | 68.4 | 81.6 | 75.6 | 240.0 | 369.6 | 392.4 | 417.6 | 463.2 |
| 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: OVF-E06-LED-E-U-SL3

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 67.5° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 |
| 2.5° | 1940.4 | 1939.2 | 1934.4 | 1933.2 | 1935.6 | 1935.6 | 1933.2 | 1929.6 | 1928.4 | 1927.2 | 1924.8 |
| 5° | 1998.0 | 1995.6 | 1992.0 | 1989.6 | 1988.4 | 1988.4 | 1984.8 | 1981.2 | 1977.6 | 1972.8 | 1971.6 |
| 7.5° | 2066.4 | 2066.4 | 2065.2 | 2061.6 | 2058.0 | 2053.2 | 2049.6 | 2046.0 | 2042.4 | 2040.0 | 2036.4 |
| 10° | 2156.4 | 2161.2 | 2152.8 | 2150.4 | 2149.2 | 2142.0 | 2140.8 | 2137.2 | 2134.8 | 2128.8 | 2128.8 |
| 12.5° | 2263.2 | 2258.4 | 2257.2 | 2252.4 | 2252.4 | 2248.8 | 2247.6 | 2246.4 | 2244.0 | 2239.2 | 2238.0 |
| 15° | 2352.0 | 2352.0 | 2350.8 | 2348.4 | 2350.8 | 2348.4 | 2344.8 | 2347.2 | 2343.6 | 2344.8 | 2341.2 |
| 17.5° | 2424.0 | 2428.8 | 2427.6 | 2428.8 | 2427.6 | 2427.6 | 2430.0 | 2430.0 | 2432.4 | 2427.6 | 2428.8 |
| 20° | 2484.0 | 2491.2 | 2494.8 | 2492.4 | 2494.8 | 2496.0 | 2502.0 | 2504.4 | 2508.0 | 2510.4 | 2510.4 |
| 22.5° | 2546.4 | 2556.0 | 2563.2 | 2563.2 | 2568.0 | 2572.8 | 2583.6 | 2586.0 | 2594.4 | 2593.2 | 2599.2 |
| 25° | 2634.0 | 2649.6 | 2654.4 | 2661.6 | 2667.6 | 2676.0 | 2689.2 | 2695.2 | 2698.8 | 2707.2 | 2716.8 |
| 27.5° | 2768.4 | 2787.6 | 2791.2 | 2799.6 | 2815.2 | 2820.0 | 2834.4 | 2840.4 | 2853.6 | 2871.6 | 2875.2 |
| 30° | 2952.0 | 2976.0 | 2977.2 | 2986.8 | 3004.8 | 3010.8 | 3022.8 | 3038.4 | 3049.2 | 3067.2 | 3068.4 |
| 32.5° | 3201.6 | 3225.6 | 3222.0 | 3240.0 | 3238.8 | 3256.8 | 3253.2 | 3277.2 | 3286.8 | 3296.4 | 3322.8 |
| 35° | 3534.0 | 3531.6 | 3549.6 | 3555.6 | 3552.0 | 3566.4 | 3564.0 | 3574.8 | 3584.4 | 3584.4 | 3613.2 |
| 37.5° | 4012.8 | 4009.2 | 4006.8 | 3981.6 | 3975.6 | 3976.8 | 3972.0 | 3981.6 | 3966.0 | 3966.0 | 3997.2 |
| 40° | 4654.8 | 4633.2 | 4616.4 | 4599.6 | 4582.8 | 4560.0 | 4540.8 | 4536.0 | 4509.6 | 4508.4 | 4496.4 |
| 42.5° | 5212.8 | 5192.4 | 5180.4 | 5148.0 | 5131.2 | 5127.6 | 5080.8 | 5067.6 | 5060.4 | 5065.2 | 5053.2 |
| 45° | 5798.4 | 5776.8 | 5731.2 | 5716.8 | 5712.0 | 5686.8 | 5679.6 | 5647.2 | 5637.6 | 5654.4 | 5648.4 |
| 47.5° | 6402.0 | 6370.8 | 6345.6 | 6328.8 | 6322.8 | 6301.2 | 6270.0 | 6296.4 | 6283.2 | 6273.6 | 6255.6 |
| 50° | 6944.4 | 6909.6 | 6909.6 | 6879.6 | 6884.4 | 6870.0 | 6837.6 | 6844.8 | 6807.6 | 6822.0 | 6812.4 |
| 52.5° | 7399.2 | 7401.6 | 7413.6 | 7380.0 | 7386.0 | 7386.0 | 7375.2 | 7340.4 | 7350.0 | 7345.2 | 7368.0 |
| 55° | 7977.6 | 8017.2 | 7995.6 | 8001.6 | 8008.8 | 8042.4 | 8066.4 | 8046.0 | 8012.4 | 8038.8 | 8112.0 |
| 57.5° | 8989.2 | 9025.2 | 9046.8 | 9063.6 | 9091.2 | 9106.8 | 9236.4 | 9254.4 | 9216.0 | 9295.2 | 9458.4 |
| 60° | 10748.4 | 10791.6 | 10856.4 | 10941.6 | 10959.6 | 11068.8 | 11136.0 | 11215.2 | 11244.0 | 11312.4 | 11487.6 |
| 62.5° | 12864.0 | 12961.2 | 12973.2 | 13081.2 | 13165.2 | 13063.2 | 13089.6 | 13186.8 | 13076.4 | 13227.6 | 13234.8 |
| 65° | 14248.8 | 14390.4 | 14395.2 | 14434.8 | 14466.0 | 14370.0 | 14326.8 | 14283.6 | 14179.2 | 14173.2 | 14277.6 |
| 67° | 14486.4 | 14616.0 | 14670.0 | 14689.2 | 14684.4 | 14635.2 | 14564.4 | 14439.6 | 14338.8 | 14281.2 | 14324.4 |
| 67.5° | 14419.2 | 14546.4 | 14622.0 | 14640.0 | 14641.2 | 14593.2 | 14528.4 | 14392.8 | 14298.0 | 14233.2 | 14278.8 |
| 70° | 13315.2 | 13612.8 | 13742.4 | 13675.2 | 13713.6 | 13713.6 | 13711.2 | 13586.4 | 13539.6 | 13477.2 | 13453.2 |
| 72.5° | 11071.2 | 11277.6 | 11442.0 | 11354.4 | 11365.2 | 11446.8 | 11427.6 | 11440.8 | 11306.4 | 11292.0 | 11070.0 |
| 75° | 7930.8 | 7996.8 | 7941.6 | 8004.0 | 7668.0 | 7548.0 | 7344.0 | 7046.4 | 6968.4 | 6844.8 | 6475.2 |
| 77.5° | 4213.2 | 4138.8 | 3991.2 | 3979.2 | 3841.2 | 3734.4 | 3602.4 | 3516.0 | 3297.6 | 3176.4 | 2899.2 |
| 80° | 2976.0 | 3012.0 | 3068.4 | 3102.0 | 3133.2 | 3157.2 | 3108.0 | 2970.0 | 2787.6 | 2583.6 | 2390.4 |
| 82.5° | 2842.8 | 2892.0 | 2925.6 | 2942.4 | 2930.4 | 2892.0 | 2779.2 | 2647.2 | 2403.6 | 2227.2 | 2018.4 |
| 85° | 1792.8 | 1832.4 | 1764.0 | 1749.6 | 1779.6 | 1537.2 | 1404.0 | 1296.0 | 1050.0 | 976.8 | 862.8 |
| 87.5° | 481.2 | 507.6 | 508.8 | 493.2 | 483.6 | 426.0 | 376.8 | 333.6 | 276.0 | 259.2 | 210.0 |
| 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):

| | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 |
| 2.5° | 1924.8 | 1923.6 | 1923.6 | 1920.0 | 1917.6 | 1916.4 | 1915.2 | 1911.6 | 1909.2 | 1909.2 | 1908.0 |
| 5° | 1970.4 | 1968.0 | 1964.4 | 1963.2 | 1958.4 | 1956.0 | 1951.2 | 1948.8 | 1945.2 | 1942.8 | 1941.6 |
| 7.5° | 2035.2 | 2029.2 | 2022.0 | 2023.2 | 2016.0 | 2012.4 | 2010.0 | 2005.2 | 2001.6 | 1998.0 | 1996.8 |
| 10° | 2121.6 | 2120.4 | 2113.2 | 2115.6 | 2102.4 | 2108.4 | 2096.4 | 2097.6 | 2090.4 | 2083.2 | 2082.0 |
| 12.5° | 2232.0 | 2230.8 | 2223.6 | 2215.2 | 2212.8 | 2214.0 | 2206.8 | 2208.0 | 2199.6 | 2197.2 | 2194.8 |
| 15° | 2337.6 | 2335.2 | 2331.6 | 2325.6 | 2322.0 | 2320.8 | 2318.4 | 2316.0 | 2308.8 | 2308.8 | 2300.4 |
| 17.5° | 2428.8 | 2430.0 | 2425.2 | 2420.4 | 2418.0 | 2414.4 | 2413.2 | 2413.2 | 2407.2 | 2401.2 | 2402.4 |
| 20° | 2509.2 | 2511.6 | 2511.6 | 2508.0 | 2509.2 | 2506.8 | 2505.6 | 2508.0 | 2502.0 | 2499.6 | 2496.0 |
| 22.5° | 2599.2 | 2599.2 | 2600.4 | 2602.8 | 2606.4 | 2607.6 | 2607.6 | 2605.2 | 2601.6 | 2600.4 | 2593.2 |
| 25° | 2724.0 | 2719.2 | 2725.2 | 2727.6 | 2727.6 | 2733.6 | 2731.2 | 2732.4 | 2733.6 | 2730.0 | 2726.4 |
| 27.5° | 2881.2 | 2876.4 | 2888.4 | 2896.8 | 2895.6 | 2899.2 | 2906.4 | 2898.0 | 2902.8 | 2906.4 | 2898.0 |
| 30° | 3074.4 | 3086.4 | 3094.8 | 3100.8 | 3098.4 | 3109.2 | 3112.8 | 3111.6 | 3108.0 | 3114.0 | 3114.0 |
| 32.5° | 3320.4 | 3314.4 | 3336.0 | 3349.2 | 3350.4 | 3348.0 | 3354.0 | 3361.2 | 3355.2 | 3364.8 | 3360.0 |
| 35° | 3613.2 | 3616.8 | 3621.6 | 3636.0 | 3642.0 | 3632.4 | 3642.0 | 3650.4 | 3648.0 | 3649.2 | 3654.0 |
| 37.5° | 3991.2 | 3997.2 | 3992.4 | 3993.6 | 3991.2 | 4036.8 | 4044.0 | 4051.2 | 4042.8 | 4035.6 | 4057.2 |
| 40° | 4515.6 | 4515.6 | 4514.4 | 4530.0 | 4503.6 | 4532.4 | 4524.0 | 4544.4 | 4566.0 | 4554.0 | 4586.4 |
| 42.5° | 5031.6 | 5060.4 | 5062.8 | 5040.0 | 5059.2 | 5090.4 | 5090.4 | 5103.6 | 5122.8 | 5103.6 | 5134.8 |
| 45° | 5623.2 | 5659.2 | 5653.2 | 5691.6 | 5662.8 | 5698.8 | 5704.8 | 5688.0 | 5730.0 | 5734.8 | 5722.8 |
| 47.5° | 6268.8 | 6276.0 | 6277.2 | 6290.4 | 6296.4 | 6325.2 | 6324.0 | 6355.2 | 6345.6 | 6297.6 | 6314.4 |
| 50° | 6822.0 | 6840.0 | 6849.6 | 6858.0 | 6888.0 | 6908.4 | 6936.0 | 6940.8 | 6933.6 | 6919.2 | 6906.0 |
| 52.5° | 7375.2 | 7418.4 | 7446.0 | 7520.4 | 7567.2 | 7604.4 | 7650.0 | 7666.8 | 7658.4 | 7654.8 | 7602.0 |
| 55° | 8115.6 | 8218.8 | 8378.4 | 8481.6 | 8594.4 | 8660.4 | 8713.2 | 8739.6 | 8720.4 | 8730.0 | 8620.8 |
| 57.5° | 9510.0 | 9752.4 | 9891.6 | 10068.0 | 10267.2 | 10350.0 | 10372.8 | 10466.4 | 10363.2 | 10260.0 | 10177.2 |
| 60° | 11582.4 | 11805.6 | 12058.8 | 12240.0 | 12307.2 | 12536.4 | 12428.4 | 12307.2 | 12196.8 | 11983.2 | 11742.0 |
| 62.5° | 13453.2 | 13741.2 | 13870.8 | 14040.0 | 13994.4 | 13975.2 | 13903.2 | 13710.0 | 13473.6 | 13155.6 | 12834.0 |
| 65° | 14376.0 | 14538.0 | 14618.4 | 14673.6 | 14622.0 | 14488.8 | 14251.2 | 13965.6 | 13627.2 | 13215.6 | 12793.2 |
| 67° | 14413.2 | 14487.6 | 14514.0 | 14461.2 | 14346.0 | 14138.4 | 13838.4 | 13434.0 | 13017.6 | 12546.0 | 12070.8 |
| 67.5° | 14352.0 | 14401.2 | 14414.4 | 14331.6 | 14194.8 | 13970.4 | 13650.0 | 13218.0 | 12775.2 | 12285.6 | 11808.0 |
| 70° | 13516.8 | 13480.8 | 13364.4 | 13250.4 | 12823.2 | 12522.0 | 11964.0 | 11503.2 | 10888.8 | 10438.8 | 9928.8 |
| 72.5° | 10981.2 | 10816.8 | 10704.0 | 10200.0 | 9684.0 | 9385.2 | 8785.2 | 8234.4 | 7674.0 | 7245.6 | 6932.4 |
| 75° | 6164.4 | 6044.4 | 5731.2 | 5464.8 | 5038.8 | 4648.8 | 4369.2 | 4018.8 | 3682.8 | 3483.6 | 3337.2 |
| 77.5° | 2785.2 | 2442.0 | 2205.6 | 1906.8 | 1540.8 | 1238.4 | 919.2 | 849.6 | 724.8 | 693.6 | 625.2 |
| 80° | 2173.2 | 1927.2 | 1617.6 | 1275.6 | 900.0 | 604.8 | 444.0 | 376.8 | 354.0 | 339.6 | 332.4 |
| 82.5° | 1813.2 | 1494.0 | 1257.6 | 892.8 | 571.2 | 384.0 | 289.2 | 261.6 | 244.8 | 232.8 | 222.0 |
| 85° | 775.2 | 613.2 | 505.2 | 361.2 | 256.8 | 202.8 | 177.6 | 162.0 | 146.4 | 133.2 | 124.8 |
| 87.5° | 181.2 | 139.2 | 127.2 | 108.0 | 102.0 | 100.8 | 99.6 | 94.8 | 88.8 | 81.6 | 73.2 |
| 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: OVF-E06-LED-E-U-SL3

CANDELA DISTRIBUTION (continued):

| | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0° | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 | 1894.8 |
| 2.5° | 1906.8 | 1905.6 | 1903.2 | 1899.6 | 1899.6 | 1894.8 | 1879.2 | 1868.4 | 1856.4 | 1849.2 | 1842.0 |
| 5° | 1939.2 | 1938.0 | 1932.0 | 1928.4 | 1926.0 | 1916.4 | 1890.0 | 1869.6 | 1848.0 | 1832.4 | 1820.4 |
| 7.5° | 1993.2 | 1989.6 | 1984.8 | 1982.4 | 1975.2 | 1963.2 | 1924.8 | 1896.0 | 1864.8 | 1839.6 | 1819.2 |
| 10° | 2080.8 | 2074.8 | 2067.6 | 2060.4 | 2062.8 | 2043.6 | 1999.2 | 1957.2 | 1911.6 | 1872.0 | 1844.4 |
| 12.5° | 2187.6 | 2187.6 | 2184.0 | 2179.2 | 2170.8 | 2149.2 | 2089.2 | 2040.0 | 1984.8 | 1935.6 | 1915.2 |
| 15° | 2300.4 | 2294.4 | 2288.4 | 2281.2 | 2280.0 | 2251.2 | 2197.2 | 2140.8 | 2083.2 | 2041.2 | 2017.2 |
| 17.5° | 2392.8 | 2395.2 | 2386.8 | 2384.4 | 2382.0 | 2353.2 | 2295.6 | 2245.2 | 2203.2 | 2158.8 | 2120.4 |
| 20° | 2491.2 | 2486.4 | 2484.0 | 2480.4 | 2479.2 | 2455.2 | 2409.6 | 2378.4 | 2341.2 | 2274.0 | 2173.2 |
| 22.5° | 2596.8 | 2590.8 | 2593.2 | 2586.0 | 2584.8 | 2568.0 | 2534.4 | 2524.8 | 2469.6 | 2328.0 | 2152.8 |
| 25° | 2733.6 | 2722.8 | 2726.4 | 2726.4 | 2727.6 | 2712.0 | 2708.4 | 2691.6 | 2552.4 | 2314.8 | 2071.2 |
| 27.5° | 2896.8 | 2901.6 | 2901.6 | 2900.4 | 2892.0 | 2896.8 | 2913.6 | 2856.0 | 2581.2 | 2245.2 | 1948.8 |
| 30° | 3109.2 | 3111.6 | 3114.0 | 3122.4 | 3104.4 | 3135.6 | 3156.0 | 2972.4 | 2559.6 | 2149.2 | 1795.2 |
| 32.5° | 3367.2 | 3357.6 | 3362.4 | 3367.2 | 3373.2 | 3405.6 | 3393.6 | 3031.2 | 2496.0 | 2018.4 | 1604.4 |
| 35° | 3651.6 | 3669.6 | 3674.4 | 3685.2 | 3697.2 | 3746.4 | 3608.4 | 3043.2 | 2398.8 | 1843.2 | 1360.8 |
| 37.5° | 4075.2 | 4104.0 | 4104.0 | 4142.4 | 4119.6 | 4179.6 | 3800.4 | 3014.4 | 2251.2 | 1599.6 | 1086.0 |
| 40° | 4609.2 | 4622.4 | 4635.6 | 4640.4 | 4628.4 | 4621.2 | 3926.4 | 2943.6 | 2043.6 | 1293.6 | 794.4 |
| 42.5° | 5154.0 | 5149.2 | 5150.4 | 5158.8 | 5126.4 | 4990.8 | 4004.4 | 2820.0 | 1785.6 | 966.0 | 570.0 |
| 45° | 5740.8 | 5720.4 | 5714.4 | 5697.6 | 5668.8 | 5383.2 | 4048.8 | 2646.0 | 1446.0 | 679.2 | 447.6 |
| 47.5° | 6312.0 | 6286.8 | 6248.4 | 6201.6 | 6146.4 | 5698.8 | 4044.0 | 2420.4 | 1108.8 | 486.0 | 394.8 |
| 50° | 6897.6 | 6853.2 | 6770.4 | 6724.8 | 6631.2 | 6012.0 | 4016.4 | 2169.6 | 798.0 | 402.0 | 369.6 |
| 52.5° | 7567.2 | 7488.0 | 7411.2 | 7320.0 | 7165.2 | 6397.2 | 3974.4 | 1887.6 | 582.0 | 368.4 | 352.8 |
| 55° | 8565.6 | 8436.0 | 8310.0 | 8120.4 | 7970.4 | 6913.2 | 3903.6 | 1584.0 | 459.6 | 355.2 | 343.2 |
| 57.5° | 9942.0 | 9721.2 | 9561.6 | 9306.0 | 9066.0 | 7627.2 | 3828.0 | 1308.0 | 410.4 | 351.6 | 338.4 |
| 60° | 11491.2 | 11158.8 | 10861.2 | 10546.8 | 10273.2 | 8518.8 | 3788.4 | 1092.0 | 399.6 | 355.2 | 339.6 |
| 62.5° | 12463.2 | 12070.8 | 11698.8 | 11314.8 | 10921.2 | 8944.8 | 3616.8 | 943.2 | 404.4 | 370.8 | 349.2 |
| 65° | 12340.8 | 11907.6 | 11503.2 | 11035.2 | 10664.4 | 8542.8 | 3180.0 | 798.0 | 412.8 | 398.4 | 375.6 |
| 67° | 11515.2 | 11095.2 | 10634.4 | 10176.0 | 9816.0 | 7778.4 | 2684.4 | 672.0 | 422.4 | 429.6 | 404.4 |
| 67.5° | 11294.4 | 10821.6 | 10357.2 | 9936.0 | 9546.0 | 7542.0 | 2554.8 | 640.8 | 424.8 | 438.0 | 414.0 |
| 70° | 9418.8 | 9044.4 | 8500.8 | 8188.8 | 7906.8 | 6114.0 | 1905.6 | 498.0 | 432.0 | 475.2 | 459.6 |
| 72.5° | 6590.4 | 6228.0 | 5943.6 | 5773.2 | 5608.8 | 4442.4 | 1340.4 | 397.2 | 421.2 | 495.6 | 480.0 |
| 75° | 3328.8 | 3246.0 | 3146.4 | 3091.2 | 3093.6 | 2582.4 | 807.6 | 338.4 | 396.0 | 475.2 | 435.6 |
| 77.5° | 657.6 | 640.8 | 648.0 | 709.2 | 698.4 | 795.6 | 400.8 | 286.8 | 337.2 | 366.0 | 313.2 |
| 80° | 318.0 | 307.2 | 297.6 | 295.2 | 289.2 | 277.2 | 252.0 | 238.8 | 273.6 | 241.2 | 207.6 |
| 82.5° | 206.4 | 194.4 | 189.6 | 180.0 | 181.2 | 196.8 | 219.6 | 229.2 | 222.0 | 166.8 | 140.4 |
| 85° | 116.4 | 115.2 | 112.8 | 115.2 | 120.0 | 157.2 | 235.2 | 214.8 | 178.8 | 117.6 | 105.6 |
| 87.5° | 69.6 | 66.0 | 67.2 | 68.4 | 70.8 | 116.4 | 186.0 | 154.8 | 114.0 | 61.2 | 62.4 |
| 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: P161897

CATALOG NUMBER: OVF-E06-LED-E-U-SL3

CANDELA DISTRIBUTION (continued):

| | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|
| 0° | 1894.8 | 1894.8 | 1894.8 | 1894.8 |
| 2.5° | 1840.8 | 1836.0 | 1836.0 | 1834.8 |
| 5° | 1810.8 | 1803.6 | 1802.4 | 1802.4 |
| 7.5° | 1806.0 | 1796.4 | 1795.2 | 1791.6 |
| 10° | 1827.6 | 1824.0 | 1825.2 | 1821.6 |
| 12.5° | 1896.0 | 1900.8 | 1905.6 | 1905.6 |
| 15° | 2000.4 | 1996.8 | 2002.8 | 1996.8 |
| 17.5° | 2077.2 | 2046.0 | 2038.8 | 2035.2 |
| 20° | 2079.6 | 2014.8 | 1993.2 | 1989.6 |
| 22.5° | 2005.2 | 1909.2 | 1873.2 | 1867.2 |
| 25° | 1879.2 | 1758.0 | 1712.4 | 1707.6 |
| 27.5° | 1720.8 | 1585.2 | 1518.0 | 1515.6 |
| 30° | 1530.0 | 1369.2 | 1284.0 | 1270.8 |
| 32.5° | 1297.2 | 1106.4 | 1016.4 | 987.6 |
| 35° | 1028.4 | 832.8 | 748.8 | 746.4 |
| 37.5° | 768.0 | 615.6 | 561.6 | 559.2 |
| 40° | 562.8 | 483.6 | 463.2 | 459.6 |
| 42.5° | 459.6 | 427.2 | 418.8 | 415.2 |
| 45° | 411.6 | 398.4 | 393.6 | 390.0 |
| 47.5° | 382.8 | 374.4 | 370.8 | 370.8 |
| 50° | 360.0 | 357.6 | 355.2 | 355.2 |
| 52.5° | 344.4 | 343.2 | 340.8 | 339.6 |
| 55° | 331.2 | 326.4 | 327.6 | 326.4 |
| 57.5° | 322.8 | 315.6 | 315.6 | 315.6 |
| 60° | 318.0 | 304.8 | 304.8 | 306.0 |
| 62.5° | 319.2 | 298.8 | 297.6 | 297.6 |
| 65° | 328.8 | 295.2 | 288.0 | 289.2 |
| 67° | 340.8 | 291.6 | 277.2 | 276.0 |
| 67.5° | 344.4 | 289.2 | 273.6 | 272.4 |
| 70° | 358.8 | 282.0 | 255.6 | 253.2 |
| 72.5° | 361.2 | 271.2 | 237.6 | 235.2 |
| 75° | 336.0 | 256.8 | 223.2 | 217.2 |
| 77.5° | 261.6 | 220.8 | 201.6 | 201.6 |
| 80° | 183.6 | 169.2 | 144.0 | 142.8 |
| 82.5° | 134.4 | 127.2 | 105.6 | 103.2 |
| 85° | 98.4 | 92.4 | 78.0 | 78.0 |
| 87.5° | 61.2 | 58.8 | 50.4 | 48.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)