

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: P161898

Luminaire Tested: **OVF-E06-LED-E-U-SL3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P161898
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-SL3-7050
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18277.2 lumens
Efficiency: N/A
Efficacy: 121.4 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

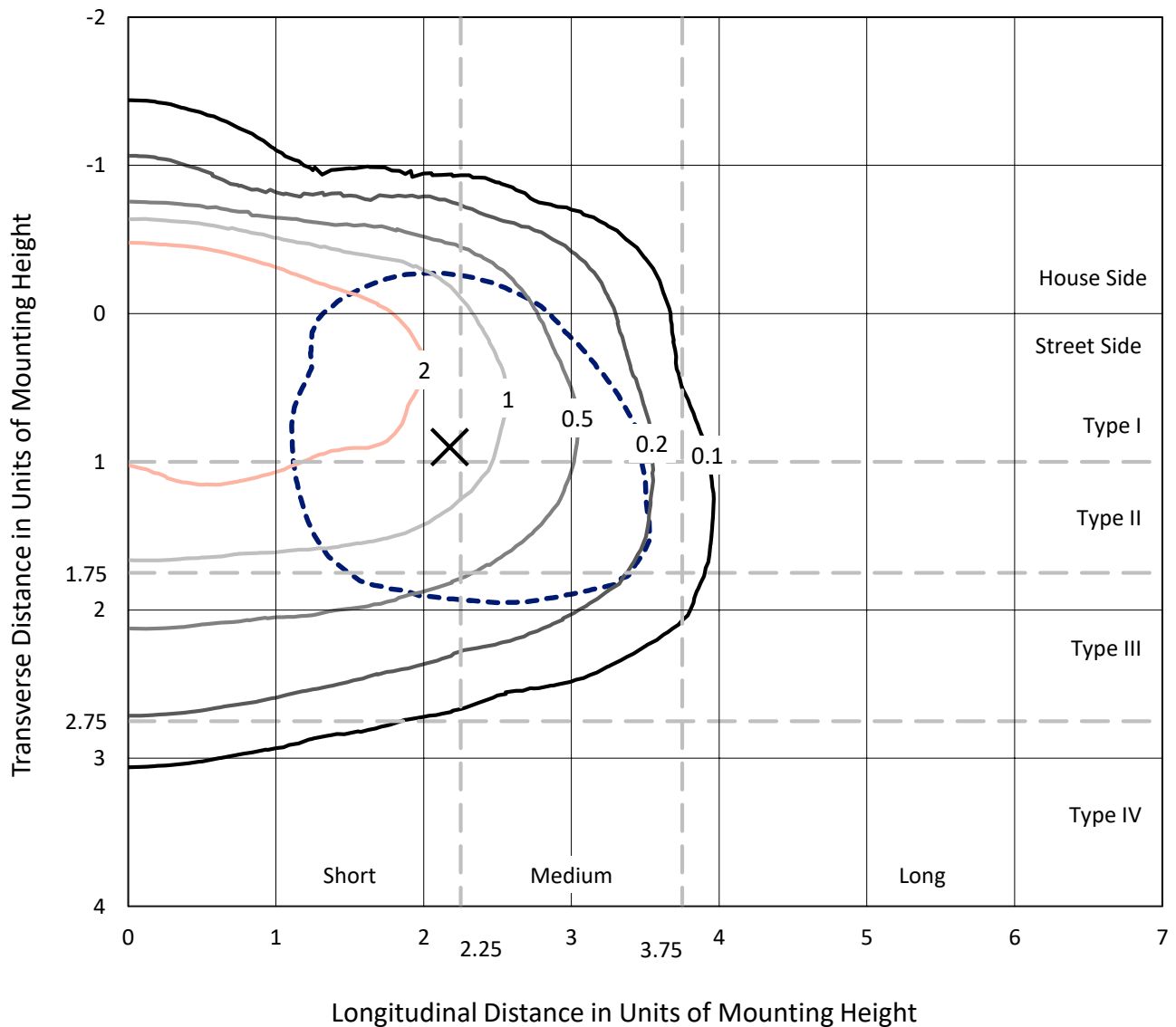
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P161898
 CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

Iso-Footcandle Lines of Horizontal Illumination

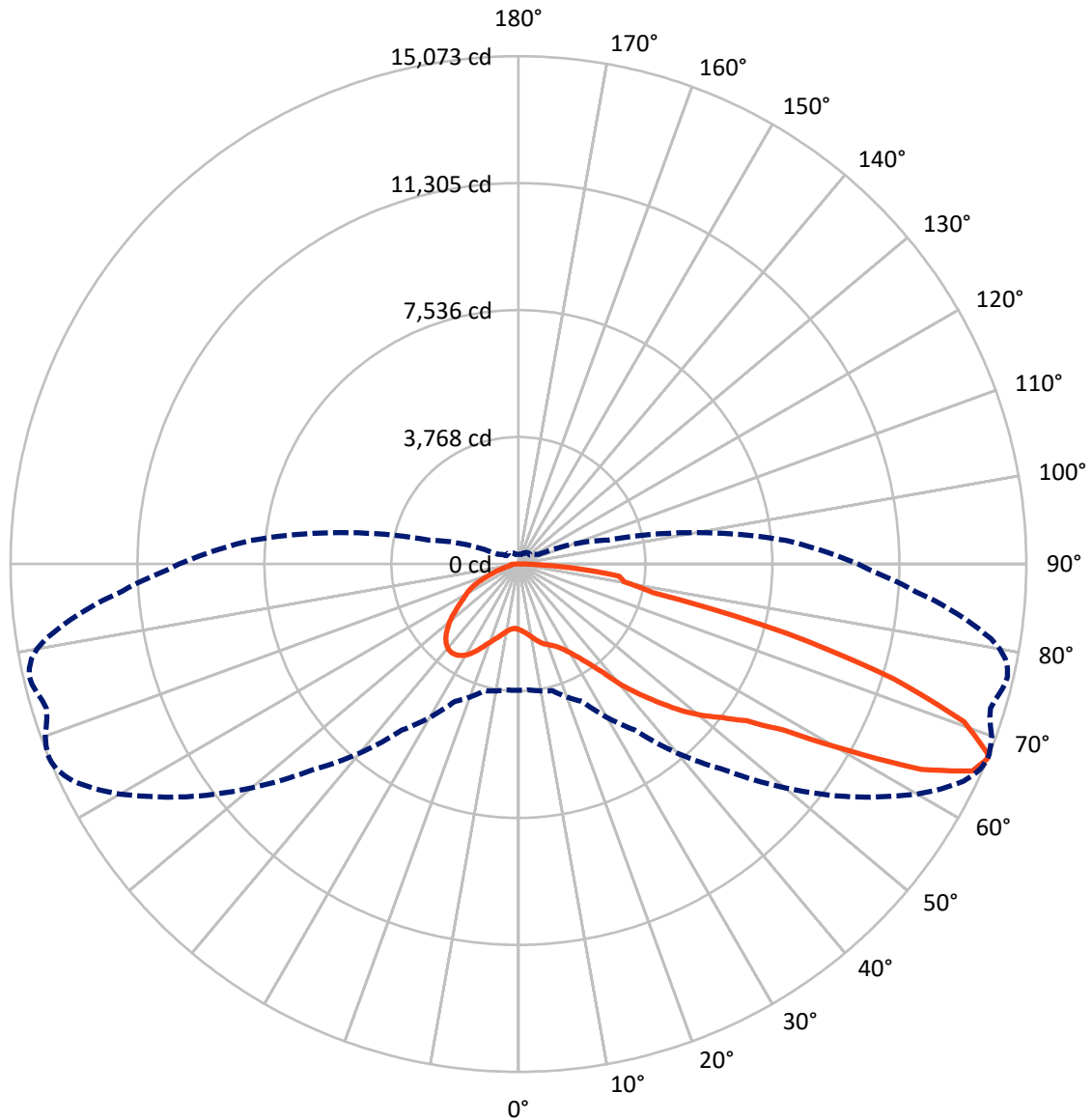
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P161898
CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

Luminous Intensity Polar Plot



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

REPORT NUMBER: P161898

CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4327.9 | 0.0 | 4327.9 |
| | % Fixture | 23.7 | 0.0 | 23.7 |
| Street Side | Lumens | 13949.2 | 0.0 | 13949.2 |
| | % Fixture | 76.3 | 0.0 | 76.3 |
| Total | Lumens | 18277.2 | 0.0 | 18277.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 194.1 | 1.1 |
| 10°-20° | 664.5 | 3.6 |
| 20°-30° | 1182.9 | 6.5 |
| 30°-40° | 1723.2 | 9.4 |
| 40°-50° | 2655.0 | 14.5 |
| 50°-60° | 3888.3 | 21.3 |
| 60°-70° | 5163.3 | 28.3 |
| 70°-80° | 2433.8 | 13.3 |
| 80°-90° | 372.1 | 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° | 18277.2 | 100.0 |
| 0°-180° | 18277.2 | 100.0 |



REPORT NUMBER: P161898

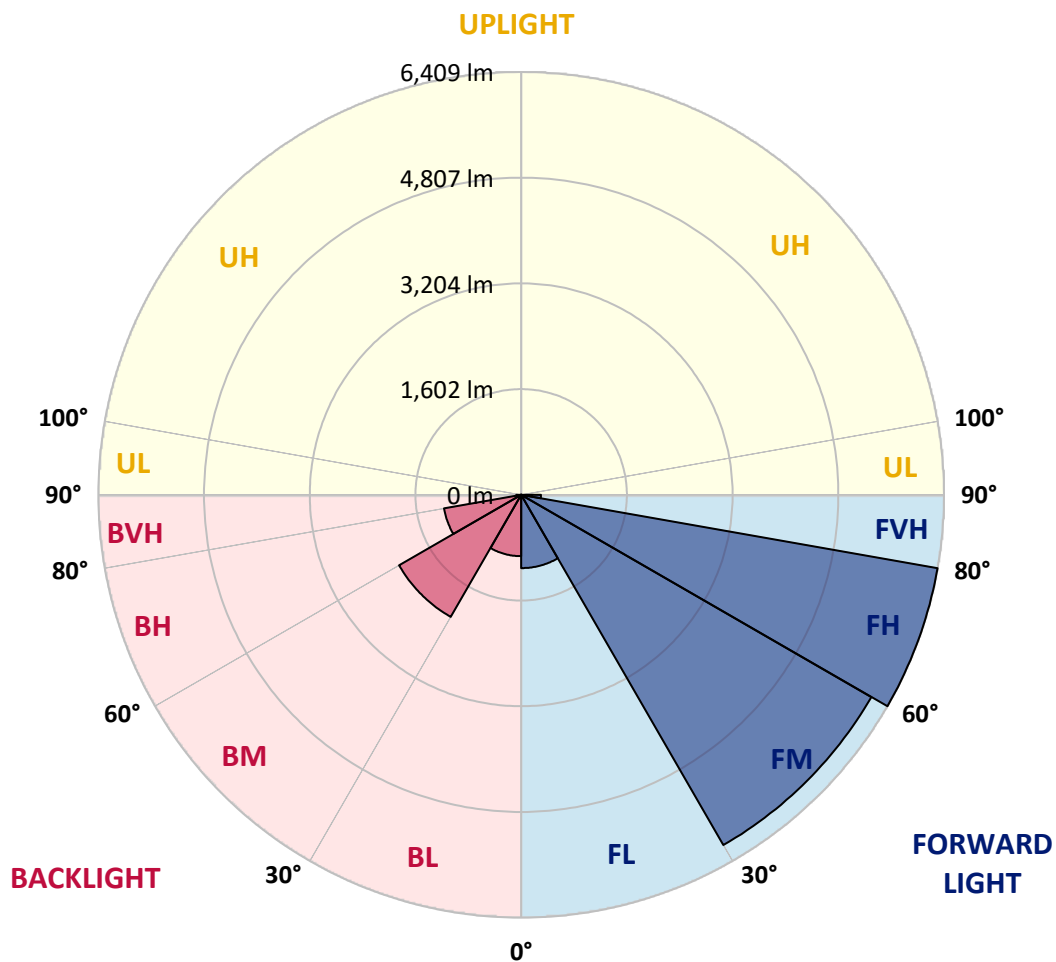
CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1111.1 | 6.1 | | | |
| FM | (30°-60°) | 6129.3 | 33.5 | | | |
| FH | (60°-80°) | 6409.0 | 35.1 | | | G3/7500 |
| FVH | (80°-90°) | 299.8 | 1.6 | | | G3/500 |
| BL | (0°-30°) | 930.4 | 5.1 | B2/1000 | | |
| BM | (30°-60°) | 2137.2 | 11.7 | B2/2500 | | |
| BH | (60°-80°) | 1188.2 | 6.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 72.2 | 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





REPORT NUMBER: P161898
 CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0° | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 |
| 2.5° | 2041.5 | 2032.9 | 2034.2 | 2037.8 | 2025.5 | 2019.4 | 2005.8 | 1997.2 | 1996.0 | 1994.7 | 1989.8 |
| 5° | 2161.0 | 2152.4 | 2156.1 | 2146.2 | 2122.8 | 2106.8 | 2078.5 | 2063.7 | 2061.2 | 2058.8 | 2052.6 |
| 7.5° | 2285.3 | 2274.3 | 2261.9 | 2250.9 | 2225.0 | 2199.1 | 2162.2 | 2140.0 | 2137.6 | 2133.9 | 2130.2 |
| 10° | 2433.1 | 2417.1 | 2407.2 | 2372.8 | 2328.4 | 2292.7 | 2255.8 | 2232.4 | 2231.2 | 2227.5 | 2220.1 |
| 12.5° | 2599.3 | 2582.1 | 2563.6 | 2518.1 | 2449.1 | 2396.2 | 2353.1 | 2339.5 | 2328.4 | 2329.7 | 2322.3 |
| 15° | 2764.3 | 2745.9 | 2721.2 | 2663.4 | 2572.2 | 2493.4 | 2438.0 | 2418.3 | 2419.6 | 2413.4 | 2417.1 |
| 17.5° | 2903.5 | 2887.5 | 2851.8 | 2777.9 | 2672.0 | 2563.6 | 2493.4 | 2484.8 | 2487.3 | 2486.0 | 2489.7 |
| 20° | 2994.6 | 2984.7 | 2930.6 | 2841.9 | 2722.5 | 2603.0 | 2531.6 | 2531.6 | 2532.8 | 2537.8 | 2546.4 |
| 22.5° | 3050.0 | 3035.2 | 2963.8 | 2839.4 | 2721.2 | 2621.5 | 2566.1 | 2578.4 | 2585.8 | 2589.5 | 2603.0 |
| 25° | 3080.8 | 3062.3 | 2965.0 | 2800.0 | 2679.4 | 2635.0 | 2617.8 | 2648.6 | 2660.9 | 2667.1 | 2689.2 |
| 27.5° | 3080.8 | 3058.6 | 2949.0 | 2750.8 | 2631.3 | 2675.7 | 2716.3 | 2769.3 | 2777.9 | 2796.3 | 2822.2 |
| 30° | 3046.3 | 3029.1 | 2924.4 | 2713.8 | 2619.0 | 2752.0 | 2875.1 | 2935.5 | 2956.4 | 2977.3 | 3010.6 |
| 32.5° | 3009.4 | 2994.6 | 2912.1 | 2733.5 | 2688.0 | 2912.1 | 3117.7 | 3200.2 | 3212.5 | 3229.8 | 3264.2 |
| 35° | 3006.9 | 3002.0 | 2966.3 | 2859.1 | 2896.1 | 3205.1 | 3483.4 | 3540.1 | 3574.5 | 3583.2 | 3597.9 |
| 37.5° | 3032.8 | 3042.6 | 3073.4 | 3062.3 | 3195.3 | 3641.0 | 3962.4 | 4075.7 | 4102.8 | 4088.0 | 4101.5 |
| 40° | 3093.1 | 3117.7 | 3232.2 | 3373.8 | 3652.1 | 4168.0 | 4615.0 | 4745.5 | 4775.1 | 4766.5 | 4762.8 |
| 42.5° | 3283.9 | 3317.2 | 3485.9 | 3788.8 | 4127.4 | 4713.5 | 5220.8 | 5361.2 | 5371.0 | 5376.0 | 5344.0 |
| 45° | 3583.2 | 3601.6 | 3825.7 | 4212.4 | 4642.1 | 5300.9 | 5825.4 | 5981.8 | 5975.6 | 5951.0 | 5927.6 |
| 47.5° | 3923.0 | 3961.2 | 4229.6 | 4697.5 | 5174.0 | 5843.9 | 6437.4 | 6590.1 | 6603.6 | 6581.4 | 6538.3 |
| 50° | 4232.1 | 4261.6 | 4564.5 | 5119.9 | 5643.2 | 6295.8 | 6953.3 | 7107.2 | 7104.8 | 7117.1 | 7129.4 |
| 52.5° | 4475.9 | 4503.0 | 4791.1 | 5401.8 | 5987.9 | 6675.0 | 7342.4 | 7532.0 | 7561.6 | 7581.3 | 7605.9 |
| 55° | 4601.5 | 4629.8 | 4895.8 | 5518.8 | 6197.3 | 7045.7 | 7791.8 | 8064.0 | 8114.4 | 8158.8 | 8199.4 |
| 57.5° | 4603.9 | 4640.9 | 4884.7 | 5510.2 | 6305.6 | 7376.9 | 8386.6 | 8875.4 | 8946.8 | 9060.1 | 9199.2 |
| 60° | 4528.8 | 4580.5 | 4799.7 | 5430.2 | 6430.0 | 7796.8 | 9366.7 | 10302.5 | 10442.9 | 10641.1 | 10819.7 |
| 62.5° | 4333.0 | 4384.8 | 4580.5 | 5227.0 | 6575.3 | 8334.8 | 10782.7 | 12154.4 | 12453.6 | 12672.8 | 13026.2 |
| 65° | 4024.0 | 4073.2 | 4238.2 | 4890.8 | 6459.5 | 8759.7 | 11838.0 | 13483.0 | 13788.4 | 14063.0 | 14477.9 |
| 67° | 3748.2 | 3753.1 | 3892.2 | 4505.4 | 6008.9 | 8627.9 | 12049.8 | 13660.3 | 13942.3 | 14220.6 | 14702.0 |
| 67.5° | 3650.9 | 3678.0 | 3786.3 | 4377.4 | 5837.7 | 8530.6 | 11966.0 | 13564.3 | 13837.6 | 14134.4 | 14625.7 |
| 70° | 2951.5 | 2958.9 | 3063.5 | 3492.0 | 4632.3 | 7072.7 | 10748.2 | 12339.1 | 12526.3 | 12960.9 | 13443.6 |
| 72.5° | 1800.2 | 1787.9 | 1821.1 | 2138.8 | 3048.8 | 4898.2 | 8605.7 | 10158.4 | 10414.6 | 10785.2 | 11111.5 |
| 75° | 991.2 | 1050.3 | 1091.0 | 1311.4 | 1712.8 | 2880.1 | 5859.9 | 7349.8 | 7725.3 | 7945.8 | 8011.0 |
| 77.5° | 605.8 | 600.9 | 619.4 | 845.9 | 1404.9 | 1970.1 | 3237.2 | 4312.1 | 4521.4 | 4584.2 | 4341.7 |
| 80° | 288.1 | 299.2 | 295.5 | 348.5 | 680.9 | 1662.3 | 2263.2 | 2769.3 | 2875.1 | 2935.5 | 3014.3 |
| 82.5° | 157.6 | 163.8 | 185.9 | 208.1 | 268.4 | 715.4 | 1952.9 | 2553.8 | 2625.2 | 2728.6 | 2844.4 |
| 85° | 98.5 | 103.4 | 142.8 | 150.2 | 165.0 | 220.4 | 813.9 | 1492.4 | 1552.7 | 1758.3 | 1823.6 |
| 87.5° | 40.6 | 44.3 | 77.6 | 70.2 | 83.7 | 77.6 | 246.3 | 379.2 | 402.6 | 428.5 | 475.3 |
| 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: P161898

CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 67.5° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 |
| 2.5° | 1991.1 | 1989.8 | 1984.9 | 1983.7 | 1986.1 | 1986.1 | 1983.7 | 1980.0 | 1978.7 | 1977.5 | 1975.0 |
| 5° | 2050.2 | 2047.7 | 2044.0 | 2041.5 | 2040.3 | 2040.3 | 2036.6 | 2032.9 | 2029.2 | 2024.3 | 2023.1 |
| 7.5° | 2120.3 | 2120.3 | 2119.1 | 2115.4 | 2111.7 | 2106.8 | 2103.1 | 2099.4 | 2095.7 | 2093.3 | 2089.6 |
| 10° | 2212.7 | 2217.6 | 2209.0 | 2206.5 | 2205.3 | 2197.9 | 2196.7 | 2193.0 | 2190.5 | 2184.4 | 2184.4 |
| 12.5° | 2322.3 | 2317.4 | 2316.1 | 2311.2 | 2311.2 | 2307.5 | 2306.3 | 2305.0 | 2302.6 | 2297.7 | 2296.4 |
| 15° | 2413.4 | 2413.4 | 2412.2 | 2409.7 | 2412.2 | 2409.7 | 2406.0 | 2408.5 | 2404.8 | 2406.0 | 2402.3 |
| 17.5° | 2487.3 | 2492.2 | 2491.0 | 2492.2 | 2491.0 | 2491.0 | 2493.4 | 2493.4 | 2495.9 | 2491.0 | 2492.2 |
| 20° | 2548.8 | 2556.2 | 2559.9 | 2557.5 | 2559.9 | 2561.2 | 2567.3 | 2569.8 | 2573.5 | 2575.9 | 2575.9 |
| 22.5° | 2612.9 | 2622.7 | 2630.1 | 2630.1 | 2635.0 | 2640.0 | 2651.0 | 2653.5 | 2662.1 | 2660.9 | 2667.1 |
| 25° | 2702.8 | 2718.8 | 2723.7 | 2731.1 | 2737.2 | 2745.9 | 2759.4 | 2765.6 | 2769.3 | 2777.9 | 2787.7 |
| 27.5° | 2840.7 | 2860.4 | 2864.1 | 2872.7 | 2888.7 | 2893.6 | 2908.4 | 2914.5 | 2928.1 | 2946.6 | 2950.3 |
| 30° | 3029.1 | 3053.7 | 3054.9 | 3064.8 | 3083.2 | 3089.4 | 3101.7 | 3117.7 | 3128.8 | 3147.3 | 3148.5 |
| 32.5° | 3285.2 | 3309.8 | 3306.1 | 3324.6 | 3323.4 | 3341.8 | 3338.1 | 3362.8 | 3372.6 | 3382.5 | 3409.5 |
| 35° | 3626.3 | 3623.8 | 3642.3 | 3648.4 | 3644.7 | 3659.5 | 3657.0 | 3668.1 | 3678.0 | 3678.0 | 3707.5 |
| 37.5° | 4117.6 | 4113.9 | 4111.4 | 4085.5 | 4079.4 | 4080.6 | 4075.7 | 4085.5 | 4069.5 | 4069.5 | 4101.5 |
| 40° | 4776.3 | 4754.2 | 4736.9 | 4719.7 | 4702.4 | 4679.0 | 4659.3 | 4654.4 | 4627.3 | 4626.1 | 4613.8 |
| 42.5° | 5348.9 | 5327.9 | 5315.6 | 5282.4 | 5265.2 | 5261.5 | 5213.4 | 5199.9 | 5192.5 | 5197.4 | 5185.1 |
| 45° | 5949.8 | 5927.6 | 5880.8 | 5866.0 | 5861.1 | 5835.3 | 5827.9 | 5794.6 | 5784.8 | 5802.0 | 5795.9 |
| 47.5° | 6569.1 | 6537.1 | 6511.3 | 6494.0 | 6487.9 | 6465.7 | 6433.7 | 6460.8 | 6447.2 | 6437.4 | 6418.9 |
| 50° | 7125.7 | 7090.0 | 7090.0 | 7059.2 | 7064.1 | 7049.3 | 7016.1 | 7023.5 | 6985.3 | 7000.1 | 6990.2 |
| 52.5° | 7592.4 | 7594.8 | 7607.1 | 7572.7 | 7578.8 | 7578.8 | 7567.7 | 7532.0 | 7541.9 | 7536.9 | 7560.3 |
| 55° | 8185.9 | 8226.5 | 8204.3 | 8210.5 | 8217.9 | 8252.4 | 8277.0 | 8256.0 | 8221.6 | 8248.7 | 8323.8 |
| 57.5° | 9223.9 | 9260.8 | 9283.0 | 9300.2 | 9328.5 | 9344.5 | 9477.5 | 9496.0 | 9456.6 | 9537.9 | 9705.3 |
| 60° | 11029.0 | 11073.3 | 11139.8 | 11227.2 | 11245.7 | 11357.8 | 11426.7 | 11508.0 | 11537.5 | 11607.7 | 11787.5 |
| 62.5° | 13199.8 | 13299.6 | 13311.9 | 13422.7 | 13508.9 | 13404.2 | 13431.3 | 13531.0 | 13417.8 | 13572.9 | 13580.3 |
| 65° | 14620.8 | 14766.1 | 14771.0 | 14811.6 | 14843.6 | 14745.1 | 14700.8 | 14656.5 | 14549.4 | 14543.2 | 14650.3 |
| 67° | 14864.6 | 14997.6 | 15053.0 | 15072.7 | 15067.7 | 15017.3 | 14944.6 | 14816.6 | 14713.1 | 14654.0 | 14698.3 |
| 67.5° | 14795.6 | 14926.1 | 15003.7 | 15022.2 | 15023.4 | 14974.2 | 14907.7 | 14768.5 | 14671.3 | 14604.8 | 14651.6 |
| 70° | 13662.8 | 13968.2 | 14101.2 | 14032.2 | 14071.6 | 14071.6 | 14069.1 | 13941.1 | 13893.1 | 13829.0 | 13804.4 |
| 72.5° | 11360.2 | 11572.0 | 11740.7 | 11650.8 | 11661.9 | 11745.6 | 11725.9 | 11739.5 | 11601.6 | 11586.8 | 11359.0 |
| 75° | 8137.8 | 8205.6 | 8148.9 | 8212.9 | 7868.2 | 7745.0 | 7535.7 | 7230.3 | 7150.3 | 7023.5 | 6644.2 |
| 77.5° | 4323.2 | 4246.8 | 4095.4 | 4083.1 | 3941.5 | 3831.9 | 3696.4 | 3607.8 | 3383.7 | 3259.3 | 2974.9 |
| 80° | 3053.7 | 3090.6 | 3148.5 | 3183.0 | 3215.0 | 3239.6 | 3189.1 | 3047.5 | 2860.4 | 2651.0 | 2452.8 |
| 82.5° | 2917.0 | 2967.5 | 3002.0 | 3019.2 | 3006.9 | 2967.5 | 2851.8 | 2716.3 | 2466.3 | 2285.3 | 2071.1 |
| 85° | 1839.6 | 1880.2 | 1810.0 | 1795.3 | 1826.1 | 1577.3 | 1440.7 | 1329.8 | 1077.4 | 1002.3 | 885.3 |
| 87.5° | 493.8 | 520.9 | 522.1 | 506.1 | 496.2 | 437.1 | 386.6 | 342.3 | 283.2 | 266.0 | 215.5 |
| 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: P161898

CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 |
| 2.5° | 1975.0 | 1973.8 | 1973.8 | 1970.1 | 1967.7 | 1966.4 | 1965.2 | 1961.5 | 1959.0 | 1959.0 | 1957.8 |
| 5° | 2021.8 | 2019.4 | 2015.7 | 2014.5 | 2009.5 | 2007.1 | 2002.1 | 1999.7 | 1996.0 | 1993.5 | 1992.3 |
| 7.5° | 2088.3 | 2082.2 | 2074.8 | 2076.0 | 2068.6 | 2064.9 | 2062.5 | 2057.5 | 2053.9 | 2050.2 | 2048.9 |
| 10° | 2177.0 | 2175.8 | 2168.4 | 2170.8 | 2157.3 | 2163.4 | 2151.1 | 2152.4 | 2145.0 | 2137.6 | 2136.4 |
| 12.5° | 2290.3 | 2289.0 | 2281.6 | 2273.0 | 2270.6 | 2271.8 | 2264.4 | 2265.6 | 2257.0 | 2254.6 | 2252.1 |
| 15° | 2398.6 | 2396.2 | 2392.5 | 2386.3 | 2382.6 | 2381.4 | 2378.9 | 2376.5 | 2369.1 | 2369.1 | 2360.5 |
| 17.5° | 2492.2 | 2493.4 | 2488.5 | 2483.6 | 2481.1 | 2477.4 | 2476.2 | 2476.2 | 2470.0 | 2463.9 | 2465.1 |
| 20° | 2574.7 | 2577.2 | 2577.2 | 2573.5 | 2574.7 | 2572.2 | 2571.0 | 2573.5 | 2567.3 | 2564.9 | 2561.2 |
| 22.5° | 2667.1 | 2667.1 | 2668.3 | 2670.7 | 2674.4 | 2675.7 | 2675.7 | 2673.2 | 2669.5 | 2668.3 | 2660.9 |
| 25° | 2795.1 | 2790.2 | 2796.3 | 2798.8 | 2798.8 | 2805.0 | 2802.5 | 2803.7 | 2805.0 | 2801.3 | 2797.6 |
| 27.5° | 2956.4 | 2951.5 | 2963.8 | 2972.4 | 2971.2 | 2974.9 | 2982.3 | 2973.7 | 2978.6 | 2982.3 | 2973.7 |
| 30° | 3154.7 | 3167.0 | 3175.6 | 3181.7 | 3179.3 | 3190.4 | 3194.1 | 3192.8 | 3189.1 | 3195.3 | 3195.3 |
| 32.5° | 3407.1 | 3400.9 | 3423.1 | 3436.6 | 3437.9 | 3435.4 | 3441.6 | 3448.9 | 3442.8 | 3452.6 | 3447.7 |
| 35° | 3707.5 | 3711.2 | 3716.1 | 3730.9 | 3737.1 | 3727.2 | 3737.1 | 3745.7 | 3743.2 | 3744.5 | 3749.4 |
| 37.5° | 4095.4 | 4101.5 | 4096.6 | 4097.9 | 4095.4 | 4142.2 | 4149.6 | 4157.0 | 4148.3 | 4141.0 | 4163.1 |
| 40° | 4633.5 | 4633.5 | 4632.3 | 4648.3 | 4621.2 | 4650.7 | 4642.1 | 4663.0 | 4685.2 | 4672.9 | 4706.1 |
| 42.5° | 5163.0 | 5192.5 | 5195.0 | 5171.6 | 5191.3 | 5223.3 | 5223.3 | 5236.8 | 5256.5 | 5236.8 | 5268.8 |
| 45° | 5770.0 | 5806.9 | 5800.8 | 5840.2 | 5810.6 | 5847.6 | 5853.7 | 5836.5 | 5879.6 | 5884.5 | 5872.2 |
| 47.5° | 6432.4 | 6439.8 | 6441.1 | 6454.6 | 6460.8 | 6490.3 | 6489.1 | 6521.1 | 6511.3 | 6462.0 | 6479.2 |
| 50° | 7000.1 | 7018.6 | 7028.4 | 7037.0 | 7067.8 | 7088.7 | 7117.1 | 7122.0 | 7114.6 | 7099.8 | 7086.3 |
| 52.5° | 7567.7 | 7612.1 | 7640.4 | 7716.7 | 7764.7 | 7802.9 | 7849.7 | 7866.9 | 7858.3 | 7854.6 | 7800.5 |
| 55° | 8327.5 | 8433.4 | 8597.1 | 8703.0 | 8818.8 | 8886.5 | 8940.7 | 8967.8 | 8948.0 | 8957.9 | 8845.8 |
| 57.5° | 9758.3 | 10007.0 | 10149.8 | 10330.8 | 10535.2 | 10620.2 | 10643.6 | 10739.6 | 10633.7 | 10527.8 | 10442.9 |
| 60° | 11884.8 | 12113.8 | 12373.6 | 12559.5 | 12628.5 | 12863.7 | 12752.8 | 12628.5 | 12515.2 | 12296.0 | 12048.5 |
| 62.5° | 13804.4 | 14099.9 | 14232.9 | 14406.5 | 14359.7 | 14340.0 | 14266.1 | 14067.9 | 13825.3 | 13499.0 | 13169.0 |
| 65° | 14751.3 | 14917.5 | 15000.0 | 15056.7 | 15003.7 | 14867.0 | 14623.2 | 14330.2 | 13982.9 | 13560.6 | 13127.2 |
| 67° | 14789.5 | 14865.8 | 14892.9 | 14838.7 | 14720.5 | 14507.5 | 14199.7 | 13784.7 | 13357.4 | 12873.5 | 12385.9 |
| 67.5° | 14726.7 | 14777.1 | 14790.7 | 14705.7 | 14565.4 | 14335.1 | 14006.3 | 13563.1 | 13108.7 | 12606.3 | 12116.3 |
| 70° | 13869.7 | 13832.7 | 13713.3 | 13596.3 | 13158.0 | 12848.9 | 12276.3 | 11803.5 | 11173.1 | 10711.3 | 10188.0 |
| 72.5° | 11267.9 | 11099.2 | 10983.4 | 10466.3 | 9936.8 | 9630.2 | 9014.5 | 8449.4 | 7874.3 | 7434.7 | 7113.4 |
| 75° | 6325.3 | 6202.2 | 5880.8 | 5607.5 | 5170.3 | 4770.2 | 4483.3 | 4123.7 | 3778.9 | 3574.5 | 3424.3 |
| 77.5° | 2857.9 | 2505.7 | 2263.2 | 1956.6 | 1581.0 | 1270.7 | 943.2 | 871.8 | 743.7 | 711.7 | 641.5 |
| 80° | 2229.9 | 1977.5 | 1659.8 | 1308.9 | 923.5 | 620.6 | 455.6 | 386.6 | 363.2 | 348.5 | 341.1 |
| 82.5° | 1860.5 | 1533.0 | 1290.4 | 916.1 | 586.1 | 394.0 | 296.7 | 268.4 | 251.2 | 238.9 | 227.8 |
| 85° | 795.4 | 629.2 | 518.4 | 370.6 | 263.5 | 208.1 | 182.2 | 166.2 | 150.2 | 136.7 | 128.1 |
| 87.5° | 185.9 | 142.8 | 130.5 | 110.8 | 104.7 | 103.4 | 102.2 | 97.3 | 91.1 | 83.7 | 75.1 |
| 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: P161898

CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0° | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 | 1944.3 |
| 2.5° | 1956.6 | 1955.3 | 1952.9 | 1949.2 | 1949.2 | 1944.3 | 1928.3 | 1917.2 | 1904.9 | 1897.5 | 1890.1 |
| 5° | 1989.8 | 1988.6 | 1982.4 | 1978.7 | 1976.3 | 1966.4 | 1939.3 | 1918.4 | 1896.2 | 1880.2 | 1867.9 |
| 7.5° | 2045.2 | 2041.5 | 2036.6 | 2034.2 | 2026.8 | 2014.5 | 1975.0 | 1945.5 | 1913.5 | 1887.6 | 1866.7 |
| 10° | 2135.1 | 2129.0 | 2121.6 | 2114.2 | 2116.7 | 2096.9 | 2051.4 | 2008.3 | 1961.5 | 1920.9 | 1892.5 |
| 12.5° | 2244.7 | 2244.7 | 2241.0 | 2236.1 | 2227.5 | 2205.3 | 2143.7 | 2093.3 | 2036.6 | 1986.1 | 1965.2 |
| 15° | 2360.5 | 2354.3 | 2348.1 | 2340.8 | 2339.5 | 2310.0 | 2254.6 | 2196.7 | 2137.6 | 2094.5 | 2069.9 |
| 17.5° | 2455.3 | 2457.7 | 2449.1 | 2446.6 | 2444.2 | 2414.6 | 2355.5 | 2303.8 | 2260.7 | 2215.2 | 2175.8 |
| 20° | 2556.2 | 2551.3 | 2548.8 | 2545.2 | 2543.9 | 2519.3 | 2472.5 | 2440.5 | 2402.3 | 2333.4 | 2229.9 |
| 22.5° | 2664.6 | 2658.4 | 2660.9 | 2653.5 | 2652.3 | 2635.0 | 2600.6 | 2590.7 | 2534.1 | 2388.8 | 2209.0 |
| 25° | 2805.0 | 2793.9 | 2797.6 | 2797.6 | 2798.8 | 2782.8 | 2779.1 | 2761.9 | 2619.0 | 2375.2 | 2125.3 |
| 27.5° | 2972.4 | 2977.3 | 2977.3 | 2976.1 | 2967.5 | 2972.4 | 2989.7 | 2930.6 | 2648.6 | 2303.8 | 1999.7 |
| 30° | 3190.4 | 3192.8 | 3195.3 | 3203.9 | 3185.4 | 3217.5 | 3238.4 | 3050.0 | 2626.4 | 2205.3 | 1842.1 |
| 32.5° | 3455.1 | 3445.3 | 3450.2 | 3455.1 | 3461.3 | 3494.5 | 3482.2 | 3110.3 | 2561.2 | 2071.1 | 1646.3 |
| 35° | 3746.9 | 3765.4 | 3770.3 | 3781.4 | 3793.7 | 3844.2 | 3702.6 | 3122.6 | 2461.4 | 1891.3 | 1396.3 |
| 37.5° | 4181.6 | 4211.1 | 4211.1 | 4250.5 | 4227.1 | 4288.7 | 3899.6 | 3093.1 | 2310.0 | 1641.4 | 1114.4 |
| 40° | 4729.5 | 4743.1 | 4756.6 | 4761.5 | 4749.2 | 4741.8 | 4028.9 | 3020.4 | 2096.9 | 1327.4 | 815.1 |
| 42.5° | 5288.5 | 5283.6 | 5284.9 | 5293.5 | 5260.2 | 5121.1 | 4108.9 | 2893.6 | 1832.2 | 991.2 | 584.9 |
| 45° | 5890.7 | 5869.7 | 5863.6 | 5846.3 | 5816.8 | 5523.7 | 4154.5 | 2715.1 | 1483.7 | 696.9 | 459.3 |
| 47.5° | 6476.8 | 6450.9 | 6411.5 | 6363.5 | 6306.9 | 5847.6 | 4149.6 | 2483.6 | 1137.7 | 498.7 | 405.1 |
| 50° | 7077.7 | 7032.1 | 6947.1 | 6900.4 | 6804.3 | 6168.9 | 4121.2 | 2226.2 | 818.8 | 412.5 | 379.2 |
| 52.5° | 7764.7 | 7683.5 | 7604.7 | 7511.1 | 7352.3 | 6564.2 | 4078.2 | 1936.9 | 597.2 | 378.0 | 362.0 |
| 55° | 8789.2 | 8656.2 | 8526.9 | 8332.4 | 8178.5 | 7093.7 | 4005.5 | 1625.4 | 471.6 | 364.5 | 352.2 |
| 57.5° | 10201.5 | 9975.0 | 9811.2 | 9548.9 | 9302.7 | 7826.3 | 3927.9 | 1342.1 | 421.1 | 360.8 | 347.2 |
| 60° | 11791.2 | 11450.1 | 11144.7 | 10822.1 | 10541.4 | 8741.2 | 3887.3 | 1120.5 | 410.0 | 364.5 | 348.5 |
| 62.5° | 12788.6 | 12385.9 | 12004.2 | 11610.2 | 11206.3 | 9178.3 | 3711.2 | 967.8 | 415.0 | 380.5 | 358.3 |
| 65° | 12663.0 | 12218.5 | 11803.5 | 11323.3 | 10942.8 | 8765.8 | 3263.0 | 818.8 | 423.6 | 408.8 | 385.4 |
| 67° | 11815.8 | 11384.8 | 10912.0 | 10441.6 | 10072.3 | 7981.5 | 2754.5 | 689.5 | 433.4 | 440.8 | 415.0 |
| 67.5° | 11589.2 | 11104.1 | 10627.6 | 10195.4 | 9795.2 | 7738.9 | 2621.5 | 657.5 | 435.9 | 449.4 | 424.8 |
| 70° | 9664.7 | 9280.5 | 8722.7 | 8402.6 | 8113.2 | 6273.6 | 1955.3 | 511.0 | 443.3 | 487.6 | 471.6 |
| 72.5° | 6762.4 | 6390.6 | 6098.8 | 5923.9 | 5755.2 | 4558.4 | 1375.4 | 407.6 | 432.2 | 508.5 | 492.5 |
| 75° | 3415.7 | 3330.7 | 3228.5 | 3171.9 | 3174.4 | 2649.8 | 828.7 | 347.2 | 406.3 | 487.6 | 447.0 |
| 77.5° | 674.8 | 657.5 | 664.9 | 727.7 | 716.6 | 816.4 | 411.3 | 294.3 | 346.0 | 375.6 | 321.4 |
| 80° | 326.3 | 315.2 | 305.4 | 302.9 | 296.7 | 284.4 | 258.6 | 245.0 | 280.7 | 247.5 | 213.0 |
| 82.5° | 211.8 | 199.5 | 194.5 | 184.7 | 185.9 | 201.9 | 225.3 | 235.2 | 227.8 | 171.2 | 144.1 |
| 85° | 119.4 | 118.2 | 115.7 | 118.2 | 123.1 | 161.3 | 241.3 | 220.4 | 183.5 | 120.7 | 108.4 |
| 87.5° | 71.4 | 67.7 | 69.0 | 70.2 | 72.6 | 119.4 | 190.9 | 158.8 | 117.0 | 62.8 | 64.0 |
| 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: P161898

CATALOG NUMBER: OVF-E06-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|
| 0° | 1944.3 | 1944.3 | 1944.3 | 1944.3 |
| 2.5° | 1888.9 | 1883.9 | 1883.9 | 1882.7 |
| 5° | 1858.1 | 1850.7 | 1849.5 | 1849.5 |
| 7.5° | 1853.1 | 1843.3 | 1842.1 | 1838.4 |
| 10° | 1875.3 | 1871.6 | 1872.8 | 1869.2 |
| 12.5° | 1945.5 | 1950.4 | 1955.3 | 1955.3 |
| 15° | 2052.6 | 2048.9 | 2055.1 | 2048.9 |
| 17.5° | 2131.4 | 2099.4 | 2092.0 | 2088.3 |
| 20° | 2133.9 | 2067.4 | 2045.2 | 2041.5 |
| 22.5° | 2057.5 | 1959.0 | 1922.1 | 1915.9 |
| 25° | 1928.3 | 1803.9 | 1757.1 | 1752.2 |
| 27.5° | 1765.7 | 1626.6 | 1557.6 | 1555.2 |
| 30° | 1569.9 | 1404.9 | 1317.5 | 1304.0 |
| 32.5° | 1331.1 | 1135.3 | 1042.9 | 1013.4 |
| 35° | 1055.2 | 854.5 | 768.3 | 765.9 |
| 37.5° | 788.0 | 631.7 | 576.3 | 573.8 |
| 40° | 577.5 | 496.2 | 475.3 | 471.6 |
| 42.5° | 471.6 | 438.4 | 429.7 | 426.0 |
| 45° | 422.3 | 408.8 | 403.9 | 400.2 |
| 47.5° | 392.8 | 384.2 | 380.5 | 380.5 |
| 50° | 369.4 | 366.9 | 364.5 | 364.5 |
| 52.5° | 353.4 | 352.2 | 349.7 | 348.5 |
| 55° | 339.8 | 334.9 | 336.2 | 334.9 |
| 57.5° | 331.2 | 323.8 | 323.8 | 323.8 |
| 60° | 326.3 | 312.8 | 312.8 | 314.0 |
| 62.5° | 327.5 | 306.6 | 305.4 | 305.4 |
| 65° | 337.4 | 302.9 | 295.5 | 296.7 |
| 67° | 349.7 | 299.2 | 284.4 | 283.2 |
| 67.5° | 353.4 | 296.7 | 280.7 | 279.5 |
| 70° | 368.2 | 289.4 | 262.3 | 259.8 |
| 72.5° | 370.6 | 278.3 | 243.8 | 241.3 |
| 75° | 344.8 | 263.5 | 229.0 | 222.9 |
| 77.5° | 268.4 | 226.6 | 206.9 | 206.9 |
| 80° | 188.4 | 173.6 | 147.8 | 146.5 |
| 82.5° | 137.9 | 130.5 | 108.4 | 105.9 |
| 85° | 101.0 | 94.8 | 80.0 | 80.0 |
| 87.5° | 62.8 | 60.3 | 51.7 | 49.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)