

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: P162000

Luminaire Tested: **OVF-F04-LED-E-U-SLL-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P162000
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: OVF-F04-LED-E-U-SLL-8030
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (28) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7506.5 lumens
Efficiency: N/A
Efficacy: 73.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

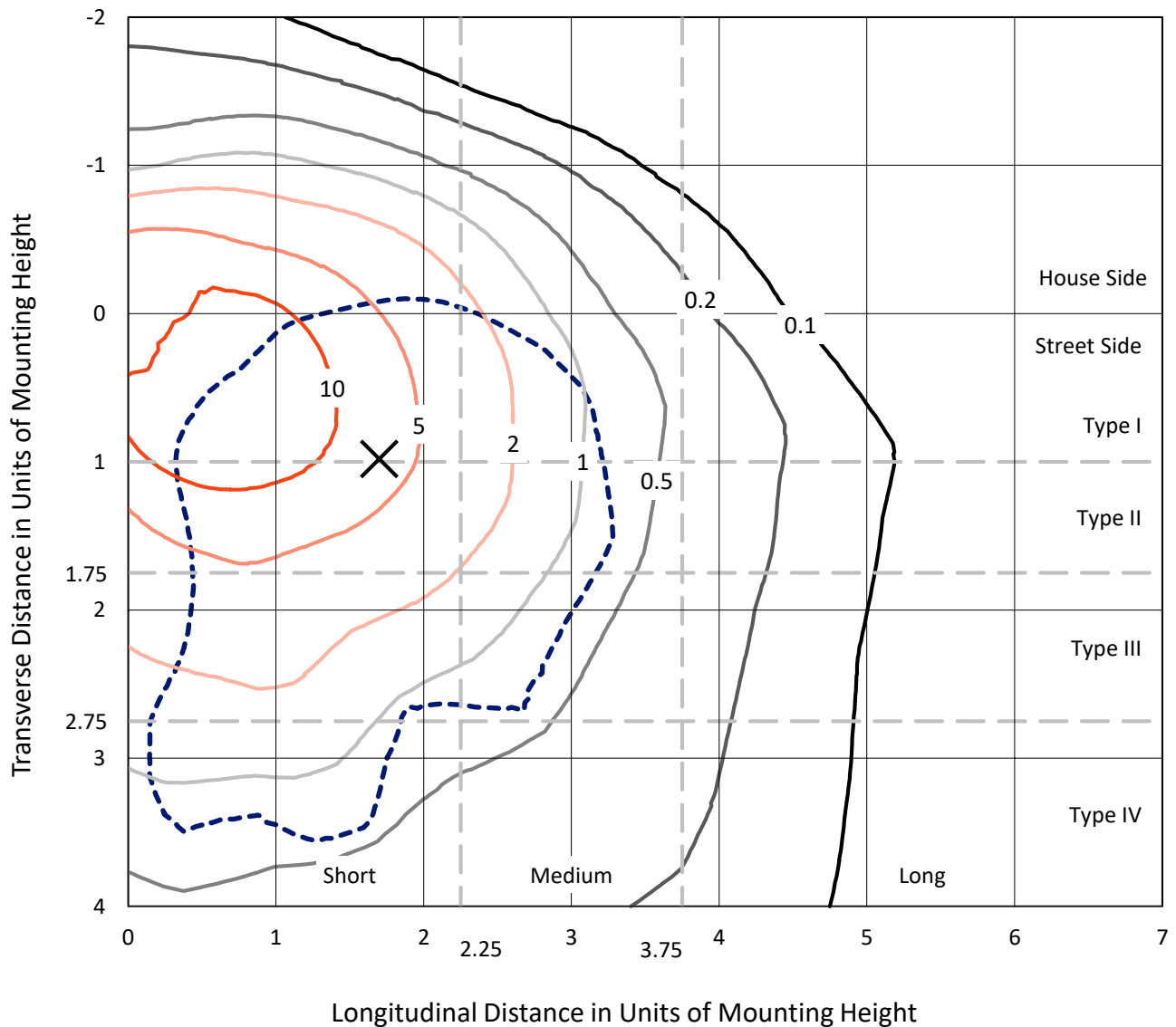
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

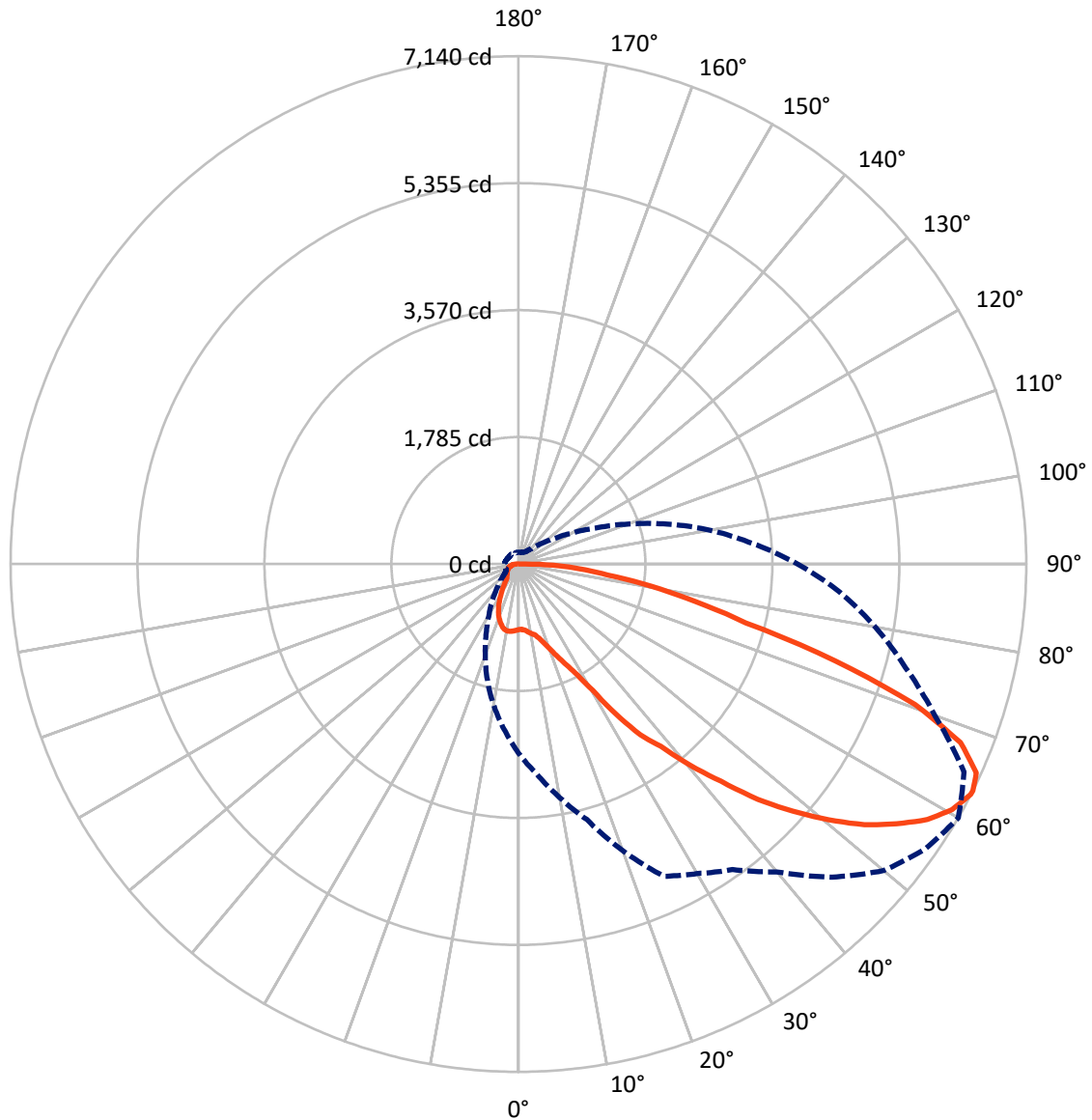
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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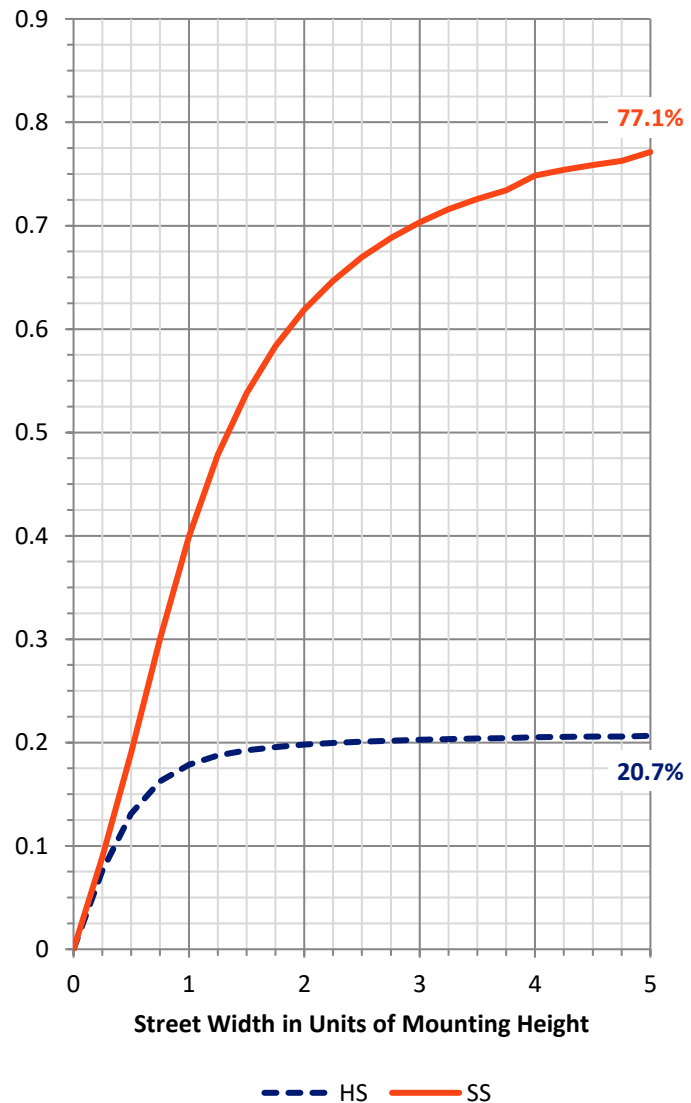
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1571.3 | 0.0 | 1571.3 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 5935.1 | 0.0 | 5935.1 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 7506.5 | 0.0 | 7506.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.5 | 1.2 |
| 10°-20° | 282.6 | 3.8 |
| 20°-30° | 499.7 | 6.7 |
| 30°-40° | 789.0 | 10.5 |
| 40°-50° | 1160.2 | 15.5 |
| 50°-60° | 1528.2 | 20.4 |
| 60°-70° | 1703.4 | 22.7 |
| 70°-80° | 1119.1 | 14.9 |
| 80°-90° | 333.7 | 4.4 |
| 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° | 7506.5 | 100.0 |
| 0°-180° | 7506.5 | 100.0 |

Coefficient of Utilization



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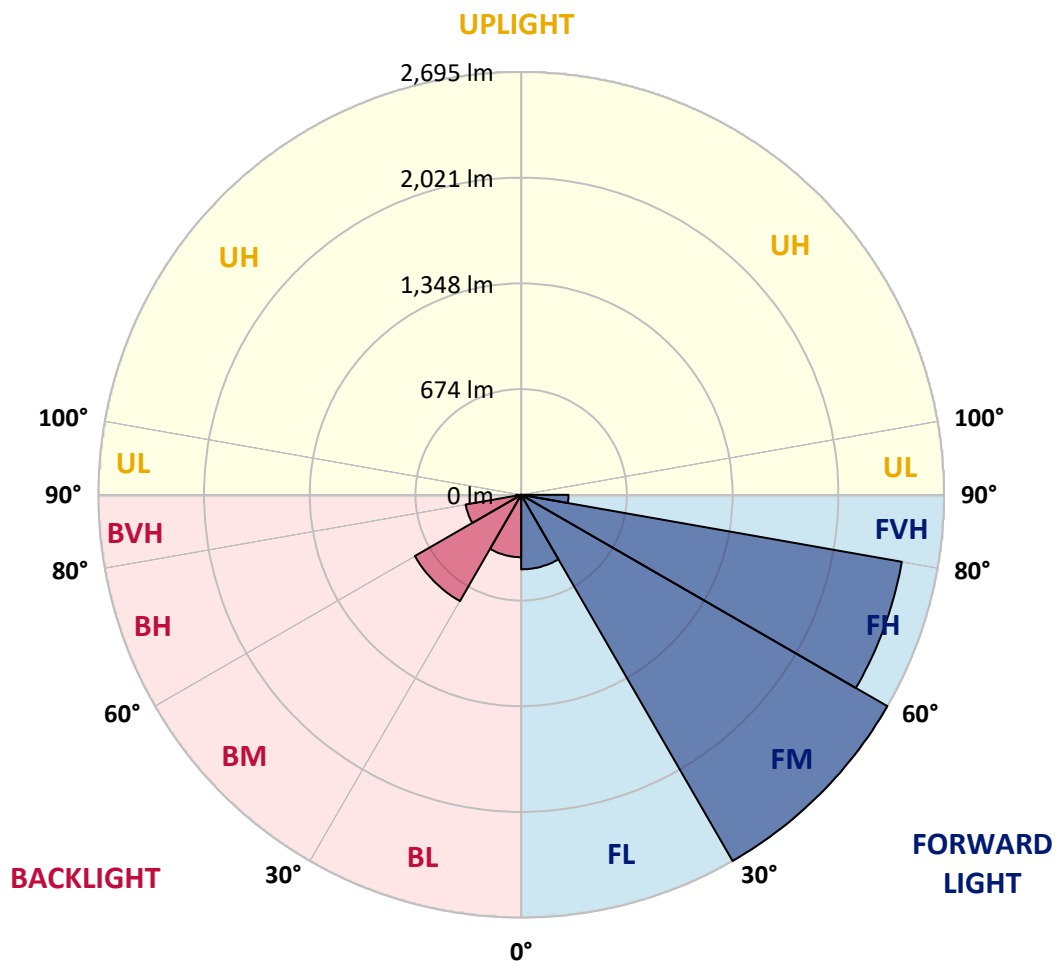
CATALOG NUMBER: OVF-F04-LED-E-U-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 475.1 | 6.3 | | | |
| FM | (30°-60°) | 2695.0 | 35.9 | | | |
| FH | (60°-80°) | 2463.4 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 301.6 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 397.8 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 782.3 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 359.1 | 4.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 32.1 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 2.5° | 920.8 | 921.4 | 919.7 | 919.1 | 918.0 | 918.6 | 918.6 | 917.5 | 917.5 | 918.0 | 916.3 |
| 5° | 916.3 | 917.5 | 916.9 | 918.0 | 919.1 | 920.8 | 922.5 | 924.2 | 925.8 | 928.1 | 928.6 |
| 7.5° | 911.3 | 914.7 | 915.2 | 918.6 | 922.5 | 926.9 | 932.5 | 938.6 | 947.0 | 949.2 | 954.2 |
| 10° | 914.1 | 920.2 | 923.6 | 930.3 | 936.4 | 944.8 | 954.8 | 960.9 | 971.5 | 975.4 | 982.7 |
| 12.5° | 935.9 | 940.3 | 944.8 | 952.6 | 961.5 | 972.1 | 983.2 | 992.7 | 1003.9 | 1007.8 | 1010.5 |
| 15° | 977.1 | 981.6 | 986.6 | 994.4 | 1003.9 | 1016.7 | 1032.8 | 1044.5 | 1057.9 | 1068.0 | 1075.2 |
| 17.5° | 1034.5 | 1034.5 | 1046.2 | 1048.4 | 1066.8 | 1086.4 | 1106.4 | 1129.3 | 1143.2 | 1151.6 | 1164.9 |
| 20° | 1117.0 | 1117.0 | 1132.6 | 1139.9 | 1155.5 | 1180.5 | 1207.9 | 1232.9 | 1253.0 | 1269.7 | 1282.0 |
| 22.5° | 1259.7 | 1253.6 | 1266.9 | 1265.3 | 1284.2 | 1321.6 | 1348.3 | 1362.3 | 1389.0 | 1399.0 | 1415.2 |
| 25° | 1425.2 | 1447.0 | 1461.5 | 1461.5 | 1469.3 | 1507.7 | 1530.0 | 1540.6 | 1565.1 | 1557.9 | 1574.6 |
| 27.5° | 1628.1 | 1686.7 | 1740.7 | 1763.0 | 1752.4 | 1794.8 | 1802.6 | 1812.6 | 1809.8 | 1792.6 | 1787.5 |
| 30° | 1827.7 | 1930.8 | 2015.0 | 2066.2 | 2125.3 | 2207.3 | 2207.3 | 2220.6 | 2191.7 | 2143.7 | 2115.3 |
| 32.5° | 1965.9 | 2098.6 | 2227.3 | 2333.8 | 2434.1 | 2559.5 | 2612.5 | 2686.1 | 2698.3 | 2716.7 | 2653.2 |
| 35° | 2079.6 | 2265.8 | 2404.0 | 2564.0 | 2686.6 | 2813.7 | 2954.7 | 3082.4 | 3167.1 | 3153.1 | 3128.1 |
| 37.5° | 2157.7 | 2396.8 | 2589.6 | 2777.5 | 2964.2 | 3109.7 | 3243.4 | 3410.1 | 3572.3 | 3604.6 | 3536.6 |
| 40° | 2212.3 | 2489.3 | 2754.6 | 2985.4 | 3220.0 | 3438.5 | 3601.3 | 3780.2 | 4034.4 | 4142.0 | 4086.2 |
| 42.5° | 2238.5 | 2561.8 | 2857.7 | 3151.5 | 3448.6 | 3724.5 | 3928.5 | 4173.7 | 4475.3 | 4659.2 | 4597.9 |
| 45° | 2249.6 | 2606.3 | 2941.3 | 3275.8 | 3632.5 | 3973.1 | 4236.2 | 4514.3 | 4853.7 | 5149.2 | 5160.3 |
| 47.5° | 2246.8 | 2630.3 | 2998.7 | 3364.4 | 3776.9 | 4173.2 | 4526.0 | 4841.5 | 5226.1 | 5536.5 | 5651.9 |
| 50° | 2239.0 | 2638.7 | 3033.3 | 3417.9 | 3867.7 | 4319.8 | 4717.2 | 5092.3 | 5522.0 | 5915.0 | 6090.6 |
| 52.5° | 2238.5 | 2640.3 | 3050.6 | 3447.4 | 3921.2 | 4409.5 | 4837.0 | 5280.1 | 5751.1 | 6161.9 | 6435.6 |
| 55° | 2251.8 | 2650.4 | 3069.5 | 3468.1 | 3950.2 | 4460.2 | 4904.5 | 5397.7 | 5850.9 | 6317.4 | 6670.8 |
| 57.5° | 2305.9 | 2697.2 | 3114.7 | 3503.2 | 3982.5 | 4500.4 | 4956.9 | 5431.8 | 5880.4 | 6382.1 | 6807.4 |
| 60° | 2424.6 | 2784.7 | 3193.3 | 3567.8 | 4066.7 | 4605.7 | 5006.5 | 5383.8 | 5824.7 | 6363.7 | 6826.9 |
| 62.5° | 2609.7 | 2925.2 | 3303.1 | 3687.1 | 4237.8 | 4805.8 | 5027.1 | 5274.0 | 5687.0 | 6257.8 | 6742.7 |
| 63° | 2657.1 | 2962.5 | 3332.1 | 3720.0 | 4287.4 | 4843.7 | 5025.4 | 5245.0 | 5649.1 | 6226.6 | 6704.8 |
| 65° | 2854.9 | 3135.3 | 3467.0 | 3877.2 | 4513.2 | 4964.1 | 4964.7 | 5074.5 | 5455.7 | 6054.4 | 6549.3 |
| 67.5° | 3152.6 | 3420.1 | 3676.5 | 4084.5 | 4762.9 | 5024.3 | 4784.6 | 4701.6 | 5038.8 | 5689.8 | 6154.7 |
| 70° | 3351.0 | 3681.6 | 3825.4 | 4139.2 | 4796.9 | 4951.3 | 4499.8 | 4222.8 | 4502.6 | 5046.6 | 5459.6 |
| 72.5° | 3356.0 | 3732.8 | 3774.6 | 3906.2 | 4478.6 | 4602.4 | 4009.3 | 3634.2 | 3802.5 | 4259.0 | 4476.4 |
| 75° | 2997.6 | 3471.4 | 3385.6 | 3337.1 | 3647.0 | 3699.9 | 3242.9 | 3086.8 | 3302.5 | 3572.3 | 3463.6 |
| 77.5° | 2228.4 | 2858.3 | 2683.8 | 2477.6 | 2590.2 | 2598.0 | 2612.5 | 2906.8 | 3171.5 | 3281.9 | 3123.6 |
| 80° | 1382.9 | 2099.7 | 1965.9 | 1625.9 | 1669.4 | 1797.6 | 2182.2 | 2702.2 | 2992.1 | 3071.2 | 2754.6 |
| 82.5° | 833.9 | 1544.5 | 1473.2 | 1240.7 | 1295.4 | 1614.8 | 2040.0 | 2183.8 | 2281.4 | 2274.1 | 1947.0 |
| 85° | 610.9 | 1049.0 | 1146.0 | 1163.3 | 1357.2 | 1567.9 | 1559.0 | 1452.6 | 1392.9 | 1225.7 | 1046.2 |
| 87.5° | 192.3 | 541.2 | 642.1 | 748.6 | 819.9 | 775.9 | 763.1 | 659.4 | 472.1 | 399.1 | 438.7 |
| 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-F04-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 2.5° | 916.3 | 918.6 | 919.7 | 919.1 | 919.7 | 919.7 | 923.0 | 921.9 | 923.0 | 922.5 | 925.8 |
| 5° | 930.3 | 933.6 | 936.4 | 936.4 | 937.0 | 938.1 | 942.5 | 942.5 | 944.8 | 949.2 | 951.5 |
| 7.5° | 957.6 | 962.1 | 962.6 | 963.7 | 967.1 | 965.4 | 968.2 | 969.3 | 971.0 | 973.2 | 976.0 |
| 10° | 986.0 | 992.2 | 992.2 | 991.6 | 992.2 | 987.7 | 989.4 | 986.0 | 986.6 | 989.9 | 993.3 |
| 12.5° | 1017.8 | 1021.1 | 1018.9 | 1017.2 | 1017.2 | 1008.9 | 1007.8 | 1003.3 | 1001.1 | 1001.6 | 1002.7 |
| 15° | 1081.3 | 1078.5 | 1078.0 | 1075.2 | 1065.2 | 1059.0 | 1054.6 | 1040.6 | 1033.4 | 1029.5 | 1022.8 |
| 17.5° | 1166.1 | 1167.7 | 1164.9 | 1162.2 | 1147.7 | 1127.0 | 1118.1 | 1103.1 | 1093.0 | 1083.0 | 1070.7 |
| 20° | 1289.8 | 1278.6 | 1277.5 | 1268.6 | 1248.6 | 1219.6 | 1197.8 | 1173.3 | 1159.4 | 1144.9 | 1132.1 |
| 22.5° | 1426.4 | 1414.7 | 1406.8 | 1389.6 | 1360.0 | 1323.2 | 1287.0 | 1255.8 | 1234.6 | 1224.0 | 1215.1 |
| 25° | 1578.0 | 1571.3 | 1558.5 | 1514.4 | 1491.0 | 1448.7 | 1409.1 | 1378.4 | 1354.5 | 1345.5 | 1329.9 |
| 27.5° | 1759.7 | 1764.7 | 1740.7 | 1699.5 | 1669.9 | 1610.3 | 1576.3 | 1523.3 | 1503.3 | 1470.9 | 1450.9 |
| 30° | 2090.8 | 2058.4 | 2017.7 | 1954.8 | 1895.1 | 1814.9 | 1758.6 | 1703.4 | 1673.8 | 1630.4 | 1576.9 |
| 32.5° | 2632.0 | 2508.8 | 2399.6 | 2265.8 | 2139.3 | 2036.7 | 1955.3 | 1885.6 | 1840.5 | 1768.6 | 1677.7 |
| 35° | 3068.4 | 2949.7 | 2769.1 | 2574.6 | 2408.5 | 2276.9 | 2174.4 | 2108.6 | 2018.3 | 1903.5 | 1771.9 |
| 37.5° | 3388.4 | 3251.8 | 3082.9 | 2934.1 | 2752.9 | 2606.3 | 2467.6 | 2331.0 | 2203.9 | 2030.0 | 1862.2 |
| 40° | 3907.9 | 3722.8 | 3444.7 | 3269.1 | 3120.8 | 2922.4 | 2792.5 | 2608.6 | 2415.2 | 2191.1 | 1948.1 |
| 42.5° | 4421.8 | 4176.5 | 3924.6 | 3722.8 | 3512.1 | 3297.0 | 3118.6 | 2871.7 | 2614.7 | 2324.3 | 2025.0 |
| 45° | 5018.7 | 4718.3 | 4388.9 | 4106.8 | 3890.6 | 3637.5 | 3409.0 | 3105.8 | 2778.0 | 2433.6 | 2091.9 |
| 47.5° | 5489.2 | 5191.5 | 4819.7 | 4535.5 | 4244.0 | 3958.6 | 3662.0 | 3288.0 | 2899.5 | 2522.7 | 2154.3 |
| 50° | 5940.1 | 5653.0 | 5257.8 | 4908.9 | 4573.9 | 4229.5 | 3871.1 | 3417.3 | 2994.8 | 2592.4 | 2203.9 |
| 52.5° | 6344.8 | 6089.5 | 5662.5 | 5245.6 | 4871.0 | 4474.2 | 4029.9 | 3538.3 | 3086.3 | 2664.3 | 2242.9 |
| 55° | 6687.5 | 6448.4 | 6065.5 | 5546.6 | 5121.3 | 4682.1 | 4179.9 | 3648.7 | 3182.7 | 2739.6 | 2271.4 |
| 57.5° | 6917.7 | 6779.5 | 6370.4 | 5811.3 | 5327.0 | 4859.3 | 4293.0 | 3759.6 | 3273.0 | 2786.4 | 2283.6 |
| 60° | 7024.8 | 7006.4 | 6660.2 | 6050.5 | 5509.8 | 4997.5 | 4435.7 | 3877.2 | 3332.6 | 2807.6 | 2266.3 |
| 62.5° | 7002.5 | 7134.0 | 6881.0 | 6214.3 | 5626.3 | 5083.9 | 4527.1 | 3927.9 | 3317.6 | 2756.3 | 2190.0 |
| 63° | 6981.8 | 7139.6 | 6912.2 | 6230.5 | 5635.8 | 5092.3 | 4536.0 | 3921.8 | 3303.6 | 2733.4 | 2163.8 |
| 65° | 6830.8 | 7073.8 | 6920.0 | 6201.5 | 5592.3 | 5068.3 | 4495.9 | 3825.4 | 3164.9 | 2589.6 | 2015.5 |
| 67.5° | 6460.7 | 6704.3 | 6619.0 | 5882.1 | 5310.8 | 4810.8 | 4215.5 | 3497.1 | 2824.8 | 2284.2 | 1740.7 |
| 70° | 5696.5 | 5914.4 | 5812.4 | 5164.2 | 4633.6 | 4279.1 | 3713.3 | 2908.5 | 2301.5 | 1836.0 | 1324.9 |
| 72.5° | 4505.9 | 4659.2 | 4681.5 | 4166.5 | 3760.1 | 3547.2 | 2991.5 | 2193.9 | 1681.1 | 1278.6 | 860.1 |
| 75° | 3336.5 | 3300.9 | 3308.1 | 3020.5 | 2854.9 | 2765.2 | 2236.2 | 1504.9 | 1132.6 | 781.5 | 510.0 |
| 77.5° | 2804.2 | 2547.8 | 2329.3 | 2249.6 | 2056.8 | 2001.0 | 1474.8 | 923.6 | 661.1 | 467.6 | 290.4 |
| 80° | 2280.3 | 1891.8 | 1574.1 | 1433.0 | 1357.8 | 1368.9 | 816.0 | 492.2 | 346.1 | 254.7 | 181.7 |
| 82.5° | 1559.0 | 1263.6 | 996.6 | 865.6 | 852.2 | 865.1 | 424.2 | 241.3 | 182.8 | 146.6 | 114.3 |
| 85° | 921.9 | 867.9 | 774.8 | 687.8 | 657.7 | 620.9 | 315.5 | 172.8 | 94.2 | 78.0 | 64.1 |
| 87.5° | 398.5 | 489.4 | 501.1 | 498.9 | 464.3 | 372.9 | 115.9 | 44.6 | 39.6 | 20.1 | 16.2 |
| 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-F04-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 2.5° | 925.8 | 926.4 | 925.3 | 926.4 | 930.3 | 930.3 | 929.7 | 930.8 | 931.4 | 934.7 | 933.6 |
| 5° | 953.7 | 954.2 | 954.8 | 958.7 | 961.5 | 964.8 | 963.7 | 964.8 | 967.1 | 967.6 | 968.7 |
| 7.5° | 979.3 | 982.7 | 987.1 | 988.8 | 993.8 | 994.9 | 1000.0 | 1000.5 | 1001.6 | 999.4 | 997.2 |
| 10° | 997.2 | 1000.5 | 1006.1 | 1008.9 | 1017.8 | 1018.9 | 1022.8 | 1023.9 | 1026.2 | 1024.5 | 1022.8 |
| 12.5° | 1006.1 | 1008.9 | 1015.0 | 1020.6 | 1032.8 | 1036.7 | 1043.4 | 1047.3 | 1050.1 | 1048.4 | 1042.9 |
| 15° | 1024.5 | 1023.9 | 1027.3 | 1031.7 | 1042.9 | 1050.1 | 1059.6 | 1064.6 | 1068.0 | 1065.2 | 1057.9 |
| 17.5° | 1066.8 | 1059.0 | 1059.0 | 1056.3 | 1064.6 | 1066.3 | 1070.2 | 1073.0 | 1071.9 | 1063.5 | 1051.8 |
| 20° | 1125.4 | 1113.7 | 1106.4 | 1099.7 | 1096.9 | 1083.0 | 1075.8 | 1065.7 | 1056.8 | 1041.8 | 1028.4 |
| 22.5° | 1201.2 | 1192.8 | 1176.1 | 1161.0 | 1139.9 | 1111.4 | 1080.8 | 1054.6 | 1035.1 | 1014.4 | 991.6 |
| 25° | 1316.0 | 1297.0 | 1273.1 | 1237.4 | 1210.1 | 1159.9 | 1108.6 | 1059.0 | 1017.2 | 984.9 | 946.4 |
| 27.5° | 1424.1 | 1384.0 | 1338.8 | 1283.1 | 1232.9 | 1166.1 | 1100.8 | 1043.4 | 988.8 | 937.0 | 892.9 |
| 30° | 1514.4 | 1444.8 | 1371.2 | 1293.1 | 1221.8 | 1141.0 | 1065.2 | 1000.0 | 938.1 | 876.8 | 835.0 |
| 32.5° | 1582.4 | 1482.1 | 1384.0 | 1284.2 | 1196.2 | 1101.4 | 1014.4 | 944.8 | 874.5 | 809.9 | 761.4 |
| 35° | 1643.7 | 1508.3 | 1380.1 | 1260.3 | 1156.0 | 1051.2 | 957.6 | 879.6 | 802.6 | 733.5 | 677.8 |
| 37.5° | 1687.8 | 1517.2 | 1363.4 | 1225.7 | 1104.7 | 989.9 | 888.5 | 805.4 | 722.9 | 652.7 | 591.4 |
| 40° | 1721.8 | 1512.8 | 1331.6 | 1172.7 | 1034.5 | 915.2 | 816.0 | 729.1 | 646.6 | 576.3 | 512.2 |
| 42.5° | 1744.6 | 1496.0 | 1283.7 | 1112.5 | 976.0 | 851.1 | 754.1 | 662.7 | 580.2 | 506.7 | 435.9 |
| 45° | 1774.2 | 1489.3 | 1254.1 | 1067.4 | 923.0 | 797.1 | 693.4 | 604.2 | 518.4 | 441.5 | 374.0 |
| 47.5° | 1802.0 | 1485.4 | 1230.2 | 1030.1 | 875.1 | 748.0 | 645.5 | 551.8 | 465.4 | 390.2 | 328.9 |
| 50° | 1818.8 | 1479.3 | 1205.1 | 984.9 | 821.6 | 697.9 | 599.7 | 505.0 | 418.0 | 346.1 | 291.5 |
| 52.5° | 1823.8 | 1467.0 | 1172.2 | 933.6 | 775.3 | 654.9 | 552.9 | 458.2 | 374.6 | 309.9 | 259.2 |
| 55° | 1819.9 | 1443.1 | 1127.6 | 891.8 | 727.9 | 607.6 | 505.6 | 413.6 | 337.8 | 277.0 | 236.3 |
| 57.5° | 1800.9 | 1395.1 | 1070.2 | 838.9 | 673.9 | 547.9 | 447.6 | 363.4 | 296.0 | 247.5 | 216.3 |
| 60° | 1758.6 | 1326.0 | 1000.0 | 764.7 | 596.4 | 477.1 | 382.4 | 309.9 | 253.1 | 217.9 | 197.3 |
| 62.5° | 1666.0 | 1226.3 | 898.0 | 659.9 | 492.7 | 382.9 | 300.4 | 246.9 | 208.5 | 190.1 | 177.8 |
| 63° | 1638.7 | 1191.7 | 867.9 | 632.1 | 474.9 | 361.7 | 282.0 | 233.5 | 199.0 | 183.9 | 173.9 |
| 65° | 1494.9 | 1032.3 | 733.5 | 508.3 | 367.9 | 274.2 | 215.2 | 183.4 | 165.0 | 159.4 | 156.6 |
| 67.5° | 1225.1 | 803.2 | 516.1 | 341.1 | 246.9 | 189.5 | 158.9 | 146.6 | 139.9 | 139.3 | 141.0 |
| 70° | 865.6 | 532.9 | 319.4 | 218.5 | 170.0 | 143.2 | 131.5 | 126.0 | 122.6 | 123.7 | 127.1 |
| 72.5° | 563.0 | 312.7 | 201.8 | 160.0 | 138.2 | 126.0 | 117.6 | 115.9 | 114.8 | 113.7 | 114.8 |
| 75° | 297.6 | 195.6 | 152.7 | 133.8 | 121.0 | 110.9 | 105.3 | 103.1 | 103.7 | 103.7 | 103.7 |
| 77.5° | 184.5 | 148.8 | 130.4 | 118.2 | 108.1 | 98.1 | 92.5 | 90.9 | 91.4 | 92.5 | 93.1 |
| 80° | 141.6 | 129.9 | 114.8 | 105.9 | 91.4 | 83.1 | 80.3 | 79.7 | 80.8 | 80.8 | 82.5 |
| 82.5° | 103.7 | 100.3 | 94.8 | 83.6 | 72.5 | 66.9 | 66.3 | 68.6 | 66.3 | 65.8 | 66.9 |
| 85° | 60.8 | 56.9 | 61.9 | 53.0 | 48.5 | 45.1 | 47.4 | 51.8 | 54.1 | 51.3 | 50.2 |
| 87.5° | 19.5 | 13.4 | 19.5 | 21.7 | 19.5 | 16.7 | 21.2 | 25.1 | 25.6 | 24.5 | 27.9 |
| 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: P162000

CATALOG NUMBER: OVF-F04-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 2.5° | 933.1 | 937.0 | 933.1 | 934.7 | 934.2 | 933.1 | 934.7 | 932.5 | 931.4 | 934.7 | 934.2 |
| 5° | 968.2 | 968.7 | 963.7 | 964.3 | 963.7 | 959.3 | 959.3 | 957.0 | 954.2 | 954.8 | 953.7 |
| 7.5° | 996.6 | 995.5 | 991.6 | 989.9 | 984.9 | 981.6 | 979.3 | 976.0 | 973.8 | 971.5 | 970.4 |
| 10° | 1018.3 | 1015.6 | 1012.8 | 1007.8 | 1002.7 | 1000.0 | 993.8 | 988.8 | 987.1 | 983.8 | 981.6 |
| 12.5° | 1037.3 | 1032.3 | 1027.8 | 1021.7 | 1015.6 | 1011.1 | 1003.9 | 1000.0 | 997.2 | 992.7 | 989.4 |
| 15° | 1047.9 | 1038.4 | 1030.1 | 1020.6 | 1013.9 | 1007.2 | 998.8 | 997.2 | 993.3 | 988.8 | 982.7 |
| 17.5° | 1035.1 | 1021.7 | 1006.1 | 996.1 | 986.0 | 976.0 | 967.6 | 967.6 | 966.0 | 960.9 | 950.3 |
| 20° | 1008.9 | 988.8 | 970.4 | 954.2 | 944.2 | 929.7 | 924.7 | 916.9 | 911.3 | 902.4 | 889.0 |
| 22.5° | 966.0 | 944.8 | 920.8 | 904.6 | 887.4 | 871.2 | 861.2 | 848.9 | 844.4 | 830.0 | 812.1 |
| 25° | 918.0 | 887.4 | 861.7 | 840.5 | 816.6 | 797.6 | 783.7 | 767.0 | 755.8 | 741.9 | 719.6 |
| 27.5° | 861.2 | 829.4 | 800.4 | 777.0 | 751.9 | 725.7 | 700.1 | 680.6 | 660.5 | 644.3 | 631.5 |
| 30° | 799.9 | 767.0 | 731.3 | 704.0 | 675.0 | 642.1 | 620.9 | 594.7 | 579.1 | 561.3 | 544.6 |
| 32.5° | 719.6 | 690.6 | 648.8 | 617.0 | 581.4 | 555.7 | 538.4 | 513.4 | 495.0 | 479.9 | 470.4 |
| 35° | 631.5 | 588.0 | 546.2 | 522.3 | 497.7 | 477.1 | 453.2 | 433.6 | 421.4 | 405.8 | 397.4 |
| 37.5° | 535.7 | 484.9 | 449.3 | 428.1 | 403.0 | 393.0 | 377.9 | 366.2 | 355.1 | 344.5 | 337.8 |
| 40° | 449.8 | 403.0 | 370.7 | 352.8 | 336.1 | 325.0 | 315.5 | 310.5 | 303.2 | 294.9 | 289.8 |
| 42.5° | 378.5 | 341.1 | 309.4 | 292.6 | 279.8 | 278.7 | 272.6 | 268.7 | 265.9 | 260.9 | 253.1 |
| 45° | 322.7 | 288.7 | 261.4 | 248.0 | 242.5 | 243.0 | 243.0 | 239.7 | 239.7 | 238.0 | 233.0 |
| 47.5° | 285.4 | 254.7 | 234.7 | 225.7 | 223.5 | 224.1 | 222.4 | 221.3 | 221.8 | 221.3 | 218.5 |
| 50° | 256.4 | 230.2 | 213.5 | 210.1 | 209.6 | 209.0 | 206.8 | 205.1 | 204.6 | 205.7 | 205.1 |
| 52.5° | 226.9 | 205.1 | 195.6 | 194.5 | 195.1 | 195.1 | 194.5 | 194.0 | 195.1 | 196.2 | 194.5 |
| 55° | 210.1 | 194.5 | 188.4 | 188.4 | 188.4 | 188.4 | 187.8 | 187.3 | 189.0 | 190.6 | 187.8 |
| 57.5° | 194.5 | 183.4 | 181.2 | 181.2 | 181.2 | 180.0 | 180.0 | 180.6 | 182.8 | 186.2 | 182.8 |
| 60° | 182.8 | 177.2 | 177.2 | 177.8 | 177.2 | 175.0 | 173.3 | 173.3 | 176.1 | 180.6 | 177.8 |
| 62.5° | 171.7 | 168.9 | 170.0 | 169.4 | 168.3 | 165.5 | 163.3 | 163.3 | 166.7 | 171.1 | 172.2 |
| 63° | 168.9 | 166.7 | 167.8 | 167.2 | 166.1 | 163.9 | 161.6 | 161.6 | 164.4 | 168.9 | 170.6 |
| 65° | 156.6 | 157.2 | 157.7 | 158.3 | 157.7 | 157.2 | 154.4 | 153.3 | 155.5 | 158.9 | 161.1 |
| 67.5° | 142.1 | 143.2 | 144.4 | 147.2 | 146.0 | 146.0 | 144.4 | 143.2 | 143.8 | 145.5 | 147.2 |
| 70° | 128.8 | 129.9 | 131.5 | 132.7 | 133.2 | 133.8 | 132.7 | 131.0 | 131.5 | 132.1 | 133.2 |
| 72.5° | 115.9 | 117.1 | 118.2 | 120.4 | 120.4 | 120.4 | 119.3 | 118.2 | 118.7 | 119.8 | 121.0 |
| 75° | 104.2 | 104.8 | 105.9 | 107.6 | 108.1 | 107.0 | 107.0 | 105.9 | 106.5 | 108.1 | 109.2 |
| 77.5° | 92.5 | 91.4 | 92.0 | 93.1 | 94.8 | 94.8 | 95.3 | 94.8 | 95.9 | 97.0 | 98.1 |
| 80° | 79.1 | 78.0 | 76.9 | 77.5 | 79.7 | 82.5 | 85.3 | 85.3 | 87.0 | 87.5 | 89.2 |
| 82.5° | 63.0 | 61.9 | 61.3 | 63.0 | 62.4 | 66.3 | 72.5 | 75.8 | 78.0 | 80.3 | 81.4 |
| 85° | 49.1 | 46.3 | 47.4 | 47.4 | 46.3 | 52.4 | 58.0 | 62.4 | 63.0 | 66.3 | 66.9 |
| 87.5° | 29.0 | 27.9 | 26.8 | 25.6 | 29.5 | 35.7 | 40.7 | 42.4 | 43.5 | 45.1 | 46.8 |
| 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: P162000

CATALOG NUMBER: OVF-F04-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 2.5° | 929.7 | 934.2 | 933.1 | 932.5 | 933.1 | 932.5 | 930.8 | 931.4 | 930.3 | 930.8 | 929.7 |
| 5° | 947.6 | 949.8 | 948.1 | 945.3 | 945.3 | 941.4 | 938.6 | 936.4 | 933.6 | 932.5 | 930.3 |
| 7.5° | 964.8 | 963.2 | 960.9 | 955.9 | 953.1 | 948.1 | 944.2 | 939.8 | 937.0 | 933.6 | 929.7 |
| 10° | 975.4 | 972.1 | 967.6 | 961.5 | 953.7 | 949.2 | 943.7 | 937.0 | 933.6 | 932.0 | 928.1 |
| 12.5° | 980.4 | 971.5 | 964.3 | 953.1 | 942.0 | 933.6 | 927.5 | 920.8 | 919.1 | 916.9 | 914.1 |
| 15° | 968.7 | 955.9 | 937.5 | 922.5 | 908.0 | 896.3 | 891.3 | 884.0 | 882.3 | 881.8 | 881.2 |
| 17.5° | 929.2 | 909.7 | 891.8 | 871.8 | 858.9 | 848.3 | 843.9 | 842.2 | 839.4 | 838.3 | 838.9 |
| 20° | 865.6 | 848.9 | 831.1 | 824.4 | 809.3 | 806.5 | 799.9 | 795.4 | 790.4 | 788.7 | 785.9 |
| 22.5° | 791.5 | 770.9 | 759.7 | 754.7 | 748.6 | 734.1 | 730.7 | 726.3 | 719.6 | 714.6 | 713.5 |
| 25° | 705.1 | 688.4 | 687.8 | 676.1 | 671.1 | 663.3 | 654.4 | 648.8 | 644.9 | 638.8 | 634.3 |
| 27.5° | 617.0 | 610.9 | 600.3 | 591.4 | 588.0 | 583.6 | 570.2 | 567.4 | 563.0 | 557.9 | 552.9 |
| 30° | 535.1 | 530.6 | 520.6 | 512.2 | 507.2 | 498.3 | 485.5 | 486.6 | 477.7 | 471.0 | 466.5 |
| 32.5° | 455.4 | 452.0 | 442.6 | 440.3 | 424.2 | 419.7 | 406.3 | 396.3 | 387.4 | 380.7 | 375.1 |
| 35° | 383.5 | 374.6 | 375.1 | 365.1 | 356.2 | 342.8 | 328.9 | 316.0 | 308.8 | 305.4 | 300.4 |
| 37.5° | 331.6 | 323.3 | 314.9 | 303.8 | 293.7 | 284.3 | 275.9 | 272.0 | 267.5 | 268.7 | 269.2 |
| 40° | 284.8 | 278.7 | 272.6 | 264.8 | 258.6 | 254.7 | 252.5 | 252.5 | 253.1 | 255.8 | 258.1 |
| 42.5° | 251.4 | 246.4 | 243.0 | 240.2 | 241.3 | 241.3 | 243.0 | 245.8 | 248.6 | 252.5 | 254.7 |
| 45° | 229.1 | 226.3 | 225.2 | 226.3 | 229.6 | 232.4 | 236.3 | 240.8 | 245.3 | 249.2 | 250.8 |
| 47.5° | 215.7 | 214.0 | 214.0 | 216.8 | 221.8 | 226.3 | 232.4 | 236.9 | 241.9 | 245.3 | 246.4 |
| 50° | 201.2 | 200.7 | 200.7 | 202.9 | 207.3 | 212.9 | 219.1 | 223.5 | 228.0 | 230.8 | 231.9 |
| 52.5° | 192.9 | 191.2 | 190.6 | 193.4 | 197.3 | 202.9 | 209.0 | 213.5 | 216.8 | 219.1 | 219.6 |
| 55° | 185.6 | 183.9 | 182.8 | 186.2 | 190.6 | 195.6 | 202.9 | 207.9 | 211.3 | 214.0 | 216.3 |
| 57.5° | 179.5 | 177.8 | 176.7 | 180.6 | 185.1 | 191.2 | 197.3 | 202.9 | 207.3 | 210.7 | 212.9 |
| 60° | 174.5 | 172.2 | 171.1 | 175.6 | 180.0 | 186.2 | 192.3 | 198.4 | 204.6 | 208.5 | 209.6 |
| 62.5° | 168.3 | 166.7 | 165.0 | 167.8 | 170.0 | 174.5 | 180.0 | 186.2 | 191.7 | 195.6 | 195.6 |
| 63° | 166.7 | 166.1 | 163.9 | 166.1 | 168.3 | 172.2 | 177.8 | 183.4 | 189.0 | 193.4 | 192.9 |
| 65° | 159.4 | 159.4 | 158.3 | 160.5 | 162.8 | 166.7 | 171.1 | 177.2 | 182.3 | 185.6 | 186.2 |
| 67.5° | 147.7 | 148.3 | 149.4 | 151.6 | 156.1 | 160.0 | 165.0 | 170.6 | 175.0 | 177.2 | 178.4 |
| 70° | 134.3 | 135.4 | 137.7 | 141.0 | 144.9 | 148.3 | 151.6 | 157.2 | 161.1 | 163.3 | 164.4 |
| 72.5° | 121.5 | 124.3 | 126.0 | 128.8 | 131.0 | 134.3 | 137.1 | 142.7 | 146.0 | 147.7 | 150.5 |
| 75° | 109.8 | 112.0 | 113.1 | 114.8 | 117.1 | 118.2 | 121.5 | 123.7 | 128.2 | 130.4 | 133.8 |
| 77.5° | 98.7 | 99.8 | 101.4 | 104.2 | 104.8 | 106.5 | 107.6 | 110.9 | 113.1 | 115.4 | 118.2 |
| 80° | 88.6 | 89.7 | 92.0 | 93.6 | 94.2 | 95.3 | 95.9 | 95.3 | 94.8 | 93.1 | 95.3 |
| 82.5° | 79.7 | 80.8 | 83.6 | 85.3 | 87.0 | 87.0 | 86.4 | 80.3 | 77.5 | 78.6 | 80.3 |
| 85° | 65.8 | 66.9 | 69.7 | 73.0 | 73.6 | 73.0 | 73.6 | 67.4 | 63.5 | 61.9 | 63.5 |
| 87.5° | 41.2 | 40.1 | 49.6 | 54.1 | 50.7 | 51.8 | 52.4 | 49.1 | 45.7 | 39.0 | 40.7 |
| 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-F04-LED-E-U-SLL-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0° | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 0° |
| 2.5° | 930.8 | 926.9 | 927.5 | 928.6 | 928.6 | 930.3 | 928.1 | 925.3 | 926.9 | 924.2 | 923.6 | 2.5° |
| 5° | 930.3 | 925.3 | 925.3 | 926.4 | 925.3 | 926.4 | 924.7 | 921.9 | 923.6 | 920.2 | 919.7 | 5° |
| 7.5° | 928.1 | 925.3 | 926.4 | 927.5 | 925.8 | 926.4 | 925.8 | 921.9 | 922.5 | 920.8 | 916.9 | 7.5° |
| 10° | 926.9 | 925.3 | 927.5 | 930.8 | 930.8 | 931.4 | 929.7 | 925.3 | 922.5 | 920.8 | 917.5 | 10° |
| 12.5° | 915.2 | 917.5 | 921.9 | 929.7 | 932.5 | 937.0 | 939.2 | 937.0 | 938.1 | 935.9 | 934.7 | 12.5° |
| 15° | 881.8 | 887.4 | 894.6 | 906.3 | 914.7 | 924.7 | 937.0 | 942.5 | 953.1 | 961.5 | 967.1 | 15° |
| 17.5° | 841.7 | 845.6 | 853.4 | 866.7 | 877.3 | 897.4 | 914.1 | 933.1 | 953.7 | 976.0 | 995.5 | 17.5° |
| 20° | 792.0 | 789.3 | 801.5 | 816.0 | 834.4 | 856.7 | 881.2 | 909.7 | 943.7 | 979.3 | 1013.3 | 20° |
| 22.5° | 719.0 | 719.0 | 731.9 | 749.1 | 771.4 | 797.1 | 831.1 | 861.7 | 906.3 | 958.2 | 1008.3 | 22.5° |
| 25° | 635.4 | 637.1 | 646.0 | 665.5 | 681.1 | 717.9 | 749.7 | 789.3 | 842.8 | 899.6 | 966.5 | 25° |
| 27.5° | 546.2 | 557.4 | 555.2 | 575.8 | 596.4 | 632.6 | 676.1 | 716.2 | 775.9 | 836.6 | 913.0 | 27.5° |
| 30° | 465.4 | 463.7 | 463.2 | 487.7 | 508.3 | 541.2 | 576.9 | 627.6 | 687.8 | 765.9 | 853.9 | 30° |
| 32.5° | 365.1 | 371.2 | 375.7 | 390.2 | 412.5 | 443.1 | 481.6 | 534.5 | 607.0 | 685.6 | 784.8 | 32.5° |
| 35° | 301.5 | 303.2 | 309.4 | 317.7 | 337.2 | 362.9 | 403.0 | 449.8 | 513.4 | 594.7 | 700.1 | 35° |
| 37.5° | 270.3 | 272.0 | 278.7 | 286.5 | 300.4 | 319.4 | 346.7 | 382.9 | 441.5 | 517.3 | 615.4 | 37.5° |
| 40° | 260.3 | 262.0 | 265.9 | 273.1 | 285.9 | 302.1 | 323.8 | 351.7 | 394.1 | 453.2 | 539.0 | 40° |
| 42.5° | 255.8 | 255.8 | 256.4 | 262.0 | 274.8 | 293.7 | 317.2 | 342.2 | 373.5 | 418.0 | 487.7 | 42.5° |
| 45° | 250.8 | 250.8 | 250.3 | 254.2 | 264.2 | 285.9 | 314.4 | 345.0 | 379.0 | 417.5 | 472.1 | 45° |
| 47.5° | 246.4 | 245.3 | 244.1 | 245.8 | 254.2 | 276.5 | 309.4 | 346.7 | 390.2 | 438.1 | 493.3 | 47.5° |
| 50° | 230.8 | 230.8 | 230.2 | 230.8 | 238.6 | 262.0 | 299.9 | 345.0 | 400.2 | 462.1 | 529.0 | 50° |
| 52.5° | 219.6 | 220.2 | 220.7 | 220.7 | 226.9 | 250.8 | 292.6 | 345.6 | 411.4 | 485.5 | 570.2 | 52.5° |
| 55° | 216.8 | 217.9 | 217.9 | 216.8 | 221.8 | 243.6 | 285.9 | 343.9 | 419.2 | 511.7 | 614.2 | 55° |
| 57.5° | 213.5 | 214.0 | 214.6 | 213.5 | 216.8 | 235.8 | 276.5 | 336.1 | 416.9 | 521.7 | 647.1 | 57.5° |
| 60° | 209.0 | 206.8 | 206.2 | 204.6 | 206.8 | 221.8 | 259.7 | 319.4 | 403.5 | 517.3 | 658.3 | 60° |
| 62.5° | 196.8 | 195.1 | 193.4 | 191.7 | 193.4 | 204.6 | 241.3 | 298.8 | 381.3 | 499.4 | 649.4 | 62.5° |
| 63° | 194.0 | 192.9 | 191.2 | 189.5 | 189.5 | 201.8 | 235.2 | 293.7 | 375.7 | 494.4 | 646.0 | 63° |
| 65° | 186.2 | 185.6 | 184.5 | 182.8 | 182.3 | 191.7 | 221.3 | 270.9 | 349.5 | 472.1 | 624.8 | 65° |
| 67.5° | 177.2 | 177.2 | 176.7 | 174.5 | 171.7 | 177.2 | 197.9 | 236.9 | 303.8 | 414.7 | 572.4 | 67.5° |
| 70° | 164.4 | 164.4 | 163.9 | 162.8 | 159.4 | 163.3 | 176.7 | 202.3 | 250.3 | 338.9 | 479.9 | 70° |
| 72.5° | 151.6 | 151.6 | 153.3 | 152.7 | 153.3 | 153.8 | 160.5 | 174.5 | 203.4 | 263.6 | 362.9 | 72.5° |
| 75° | 134.9 | 137.7 | 138.2 | 139.3 | 139.9 | 139.3 | 142.7 | 151.1 | 167.8 | 202.3 | 264.8 | 75° |
| 77.5° | 121.0 | 124.9 | 124.3 | 123.2 | 122.6 | 123.2 | 122.6 | 126.5 | 138.8 | 160.5 | 196.2 | 77.5° |
| 80° | 99.8 | 103.7 | 103.7 | 103.1 | 102.0 | 103.1 | 102.0 | 105.9 | 115.9 | 134.9 | 156.1 | 80° |
| 82.5° | 81.9 | 84.7 | 86.4 | 87.5 | 86.4 | 90.9 | 90.9 | 89.7 | 97.5 | 114.3 | 131.5 | 82.5° |
| 85° | 65.8 | 68.6 | 70.2 | 72.5 | 73.6 | 72.5 | 71.9 | 70.8 | 75.2 | 88.6 | 100.3 | 85° |
| 87.5° | 41.8 | 44.0 | 44.0 | 44.6 | 44.6 | 46.3 | 42.9 | 39.0 | 35.7 | 50.7 | 53.0 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P162000

NUMBER: OVF-F04-LED-E-U-SLL-8030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 | 921.9 |
| 921.9 | 921.9 | 922.5 | 920.8 | 922.5 | 922.5 | 920.8 |
| 918.0 | 916.9 | 916.9 | 916.3 | 917.5 | 916.9 | 916.3 |
| 914.7 | 914.7 | 912.4 | 910.8 | 910.2 | 912.4 | 911.3 |
| 913.6 | 912.4 | 911.9 | 910.8 | 911.3 | 913.0 | 914.1 |
| 933.6 | 929.7 | 930.8 | 930.3 | 930.8 | 932.5 | 935.9 |
| 970.4 | 970.4 | 973.2 | 967.1 | 969.9 | 972.6 | 977.1 |
| 1011.7 | 1021.7 | 1026.7 | 1026.2 | 1027.3 | 1029.5 | 1034.5 |
| 1046.8 | 1078.5 | 1100.8 | 1106.4 | 1121.5 | 1124.8 | 1117.0 |
| 1062.4 | 1119.2 | 1169.4 | 1202.8 | 1240.2 | 1255.2 | 1259.7 |
| 1030.6 | 1112.5 | 1195.0 | 1272.0 | 1345.5 | 1387.9 | 1425.2 |
| 997.7 | 1094.7 | 1204.5 | 1319.3 | 1439.2 | 1547.3 | 1628.1 |
| 952.0 | 1080.2 | 1228.5 | 1383.4 | 1542.3 | 1692.8 | 1827.7 |
| 901.9 | 1056.8 | 1230.7 | 1419.1 | 1615.3 | 1802.6 | 1965.9 |
| 830.0 | 1002.2 | 1195.0 | 1413.5 | 1641.0 | 1875.6 | 2079.6 |
| 747.5 | 915.2 | 1131.5 | 1381.2 | 1639.3 | 1913.0 | 2157.7 |
| 659.4 | 831.1 | 1058.5 | 1326.0 | 1617.5 | 1924.7 | 2212.3 |
| 593.1 | 763.1 | 986.0 | 1273.6 | 1585.2 | 1916.9 | 2238.5 |
| 559.1 | 704.5 | 926.9 | 1222.4 | 1549.0 | 1897.9 | 2249.6 |
| 565.7 | 688.9 | 891.8 | 1180.0 | 1516.7 | 1877.3 | 2246.8 |
| 603.1 | 712.3 | 891.3 | 1164.4 | 1496.0 | 1858.3 | 2239.0 |
| 659.4 | 765.3 | 923.6 | 1182.8 | 1507.2 | 1856.7 | 2238.5 |
| 722.9 | 839.4 | 1001.6 | 1232.4 | 1554.6 | 1886.8 | 2251.8 |
| 784.2 | 929.7 | 1102.0 | 1343.3 | 1644.3 | 1962.0 | 2305.9 |
| 820.5 | 1012.2 | 1230.7 | 1499.9 | 1782.5 | 2094.1 | 2424.6 |
| 828.8 | 1061.8 | 1345.0 | 1653.8 | 1972.0 | 2285.3 | 2609.7 |
| 828.3 | 1066.8 | 1364.5 | 1685.5 | 2010.5 | 2329.3 | 2657.1 |
| 815.5 | 1076.9 | 1416.9 | 1790.3 | 2164.9 | 2518.3 | 2854.9 |
| 775.3 | 1059.0 | 1445.9 | 1887.9 | 2318.2 | 2726.7 | 3152.6 |
| 683.4 | 977.7 | 1411.9 | 1919.6 | 2409.6 | 2865.0 | 3351.0 |
| 535.1 | 806.5 | 1219.0 | 1754.7 | 2285.8 | 2741.2 | 3356.0 |
| 376.2 | 570.2 | 938.1 | 1440.8 | 1868.4 | 2316.5 | 2997.6 |
| 262.0 | 369.5 | 609.2 | 969.3 | 1348.3 | 1690.0 | 2228.4 |
| 191.7 | 245.8 | 365.1 | 579.7 | 818.2 | 1056.3 | 1382.9 |
| 147.7 | 177.2 | 233.5 | 350.0 | 462.1 | 591.4 | 833.9 |
| 103.7 | 117.1 | 144.4 | 216.3 | 309.9 | 423.1 | 610.9 |
| 45.1 | 53.0 | 69.7 | 127.6 | 209.6 | 201.8 | 192.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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