

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: P162014

Luminaire Tested: **OVF-F05-LED-E-U-SLL-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P162014
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-F05-LED-E-U-SLL-7060
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (35) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11407.7 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

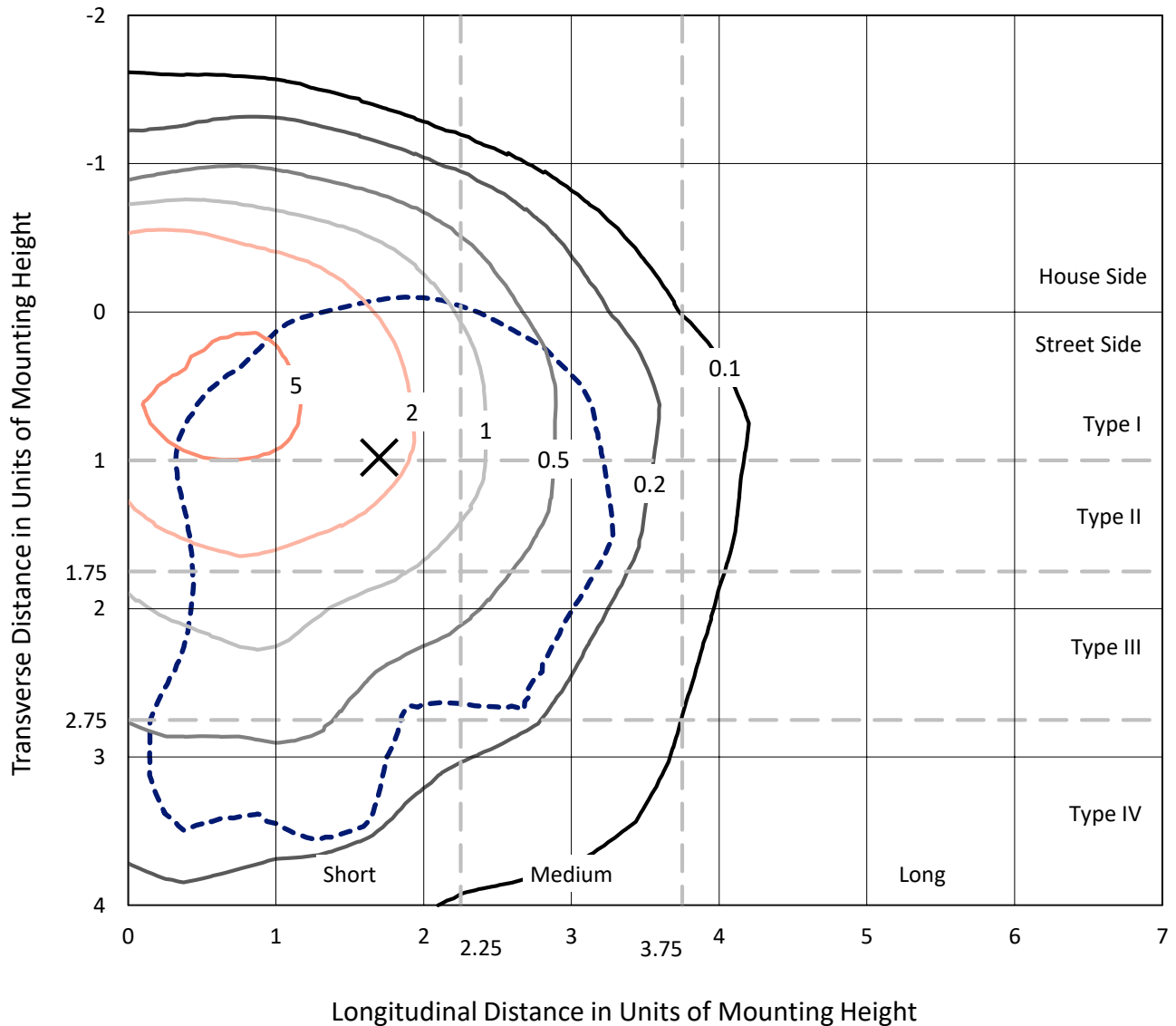
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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 CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

Iso-Footcandle Lines of Horizontal Illumination

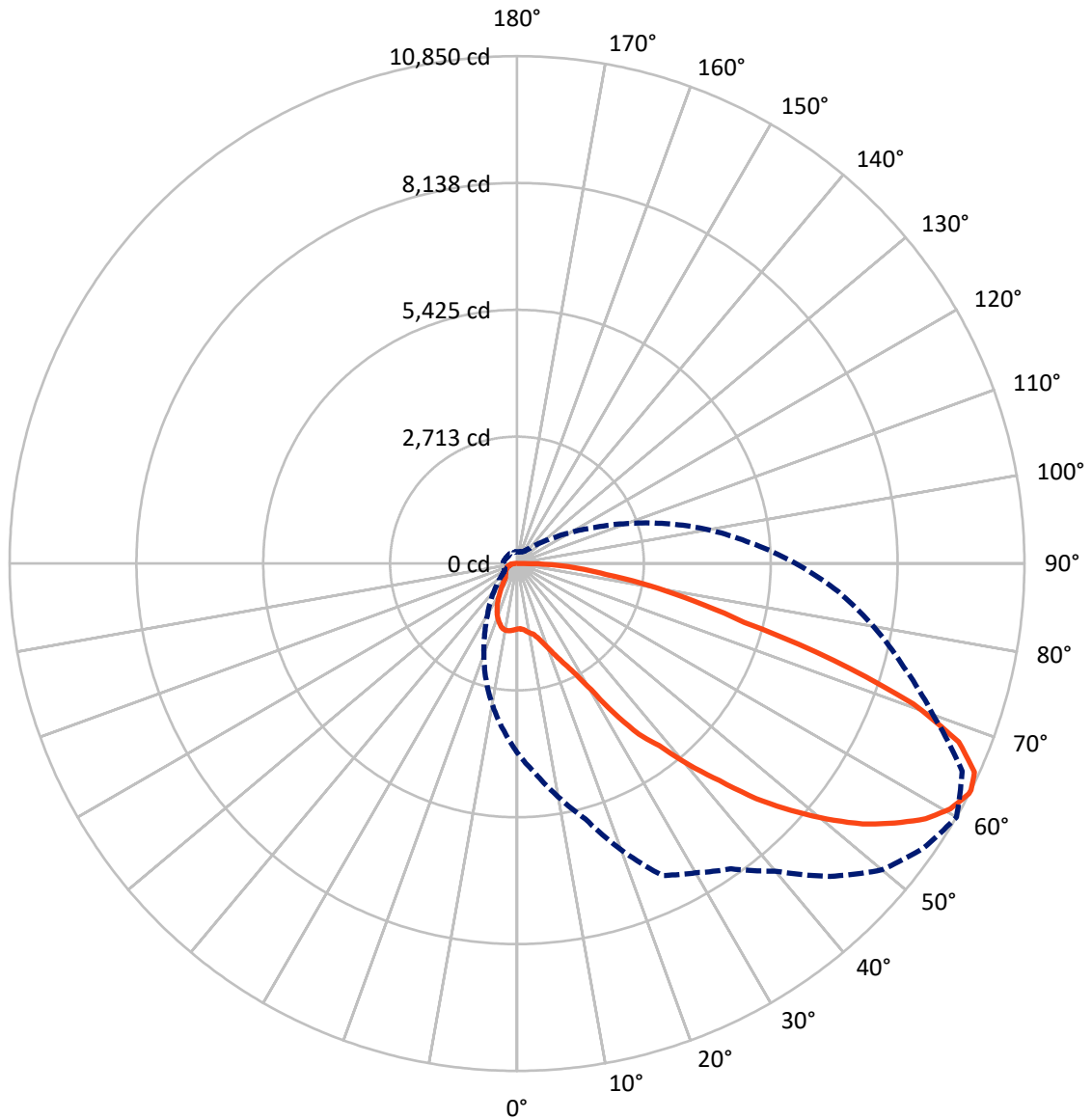
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.1 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 | 2388.0 | 0.0 | 2388.0 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 9019.8 | 0.0 | 9019.8 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 11407.7 | 0.0 | 11407.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 137.6 | 1.2 |
| 10°-20° | 429.5 | 3.8 |
| 20°-30° | 759.5 | 6.7 |
| 30°-40° | 1199.0 | 10.5 |
| 40°-50° | 1763.1 | 15.5 |
| 50°-60° | 2322.5 | 20.4 |
| 60°-70° | 2588.6 | 22.7 |
| 70°-80° | 1700.8 | 14.9 |
| 80°-90° | 507.2 | 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° | 11407.7 | 100.0 |
| 0°-180° | 11407.7 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P162014

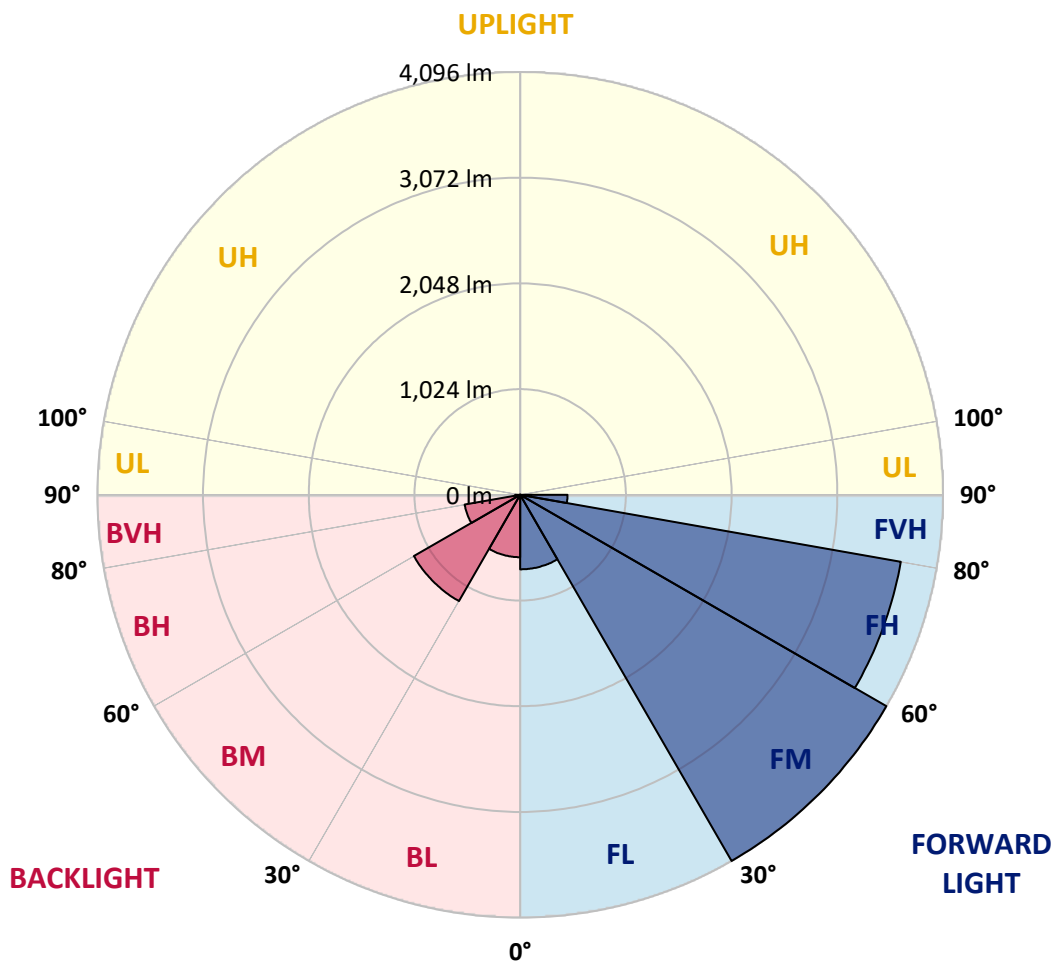
CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 722.0 | 6.3 | | | |
| FM | (30°-60°) | 4095.7 | 35.9 | | | |
| FH | (60°-80°) | 3743.7 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 458.4 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 604.5 | 5.3 | B2/1000 | | |
| BM | (30°-60°) | 1188.9 | 10.4 | B2/2500 | | |
| BH | (60°-80°) | 545.8 | 4.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 48.8 | 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-G3

Type IV Short





REPORT NUMBER: P162014

CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 2.5° | 1399.4 | 1400.2 | 1397.7 | 1396.8 | 1395.1 | 1396.0 | 1396.0 | 1394.3 | 1394.3 | 1395.1 | 1392.6 |
| 5° | 1392.6 | 1394.3 | 1393.4 | 1395.1 | 1396.8 | 1399.4 | 1401.9 | 1404.5 | 1407.0 | 1410.4 | 1411.2 |
| 7.5° | 1385.0 | 1390.1 | 1390.9 | 1396.0 | 1401.9 | 1408.7 | 1417.2 | 1426.5 | 1439.2 | 1442.6 | 1450.2 |
| 10° | 1389.2 | 1398.5 | 1403.6 | 1413.8 | 1423.1 | 1435.8 | 1451.0 | 1460.4 | 1476.5 | 1482.4 | 1493.4 |
| 12.5° | 1422.2 | 1429.0 | 1435.8 | 1447.7 | 1461.2 | 1477.3 | 1494.2 | 1508.6 | 1525.6 | 1531.5 | 1535.7 |
| 15° | 1484.9 | 1491.7 | 1499.3 | 1511.2 | 1525.6 | 1545.1 | 1569.6 | 1587.4 | 1607.7 | 1623.0 | 1634.0 |
| 17.5° | 1572.2 | 1572.2 | 1590.0 | 1593.3 | 1621.3 | 1651.0 | 1681.4 | 1716.2 | 1737.4 | 1750.1 | 1770.4 |
| 20° | 1697.5 | 1697.5 | 1721.3 | 1732.3 | 1756.0 | 1794.1 | 1835.6 | 1873.7 | 1904.2 | 1929.6 | 1948.3 |
| 22.5° | 1914.4 | 1905.1 | 1925.4 | 1922.9 | 1951.7 | 2008.4 | 2049.1 | 2070.3 | 2110.9 | 2126.2 | 2150.7 |
| 25° | 2166.0 | 2199.0 | 2221.0 | 2221.0 | 2232.9 | 2291.3 | 2325.2 | 2341.3 | 2378.6 | 2367.6 | 2393.0 |
| 27.5° | 2474.3 | 2563.3 | 2645.4 | 2679.3 | 2663.2 | 2727.6 | 2739.4 | 2754.7 | 2750.5 | 2724.2 | 2716.6 |
| 30° | 2777.6 | 2934.3 | 3062.2 | 3140.1 | 3229.9 | 3354.4 | 3354.4 | 3374.7 | 3330.7 | 3257.9 | 3214.7 |
| 32.5° | 2987.6 | 3189.2 | 3384.9 | 3546.7 | 3699.2 | 3889.8 | 3970.2 | 4082.1 | 4100.7 | 4128.6 | 4032.1 |
| 35° | 3160.4 | 3443.4 | 3653.4 | 3896.5 | 4082.9 | 4276.0 | 4490.3 | 4684.3 | 4813.1 | 4791.9 | 4753.8 |
| 37.5° | 3279.0 | 3642.4 | 3935.5 | 4221.0 | 4504.7 | 4725.8 | 4929.1 | 5182.4 | 5428.9 | 5478.0 | 5374.7 |
| 40° | 3362.0 | 3783.0 | 4186.2 | 4536.9 | 4893.6 | 5225.6 | 5473.0 | 5744.9 | 6131.1 | 6294.6 | 6209.9 |
| 42.5° | 3401.9 | 3893.2 | 4343.0 | 4789.4 | 5240.9 | 5660.2 | 5970.2 | 6342.9 | 6801.2 | 7080.7 | 6987.5 |
| 45° | 3418.8 | 3960.9 | 4470.0 | 4978.3 | 5520.4 | 6038.0 | 6437.8 | 6860.5 | 7376.3 | 7825.3 | 7842.2 |
| 47.5° | 3414.6 | 3997.3 | 4557.3 | 5112.9 | 5739.8 | 6342.1 | 6878.3 | 7357.7 | 7942.2 | 8414.0 | 8589.3 |
| 50° | 3402.7 | 4010.1 | 4609.8 | 5194.3 | 5877.9 | 6564.8 | 7168.8 | 7738.9 | 8392.0 | 8989.2 | 9256.0 |
| 52.5° | 3401.9 | 4012.6 | 4636.0 | 5239.2 | 5959.2 | 6701.2 | 7350.9 | 8024.3 | 8740.1 | 9364.4 | 9780.3 |
| 55° | 3422.2 | 4027.8 | 4664.8 | 5270.5 | 6003.2 | 6778.3 | 7453.4 | 8203.1 | 8891.8 | 9600.8 | 10137.8 |
| 57.5° | 3504.4 | 4099.0 | 4733.5 | 5323.9 | 6052.4 | 6839.3 | 7533.0 | 8254.8 | 8936.6 | 9699.0 | 10345.3 |
| 60° | 3684.8 | 4232.0 | 4852.9 | 5422.1 | 6180.3 | 6999.4 | 7608.4 | 8181.9 | 8851.9 | 9671.1 | 10375.0 |
| 62.5° | 3966.0 | 4445.5 | 5019.8 | 5603.4 | 6440.3 | 7303.5 | 7639.8 | 8015.0 | 8642.7 | 9510.1 | 10247.1 |
| 63° | 4038.0 | 4502.2 | 5063.8 | 5653.4 | 6515.7 | 7361.1 | 7637.2 | 7971.0 | 8585.1 | 9462.7 | 10189.5 |
| 65° | 4338.7 | 4764.8 | 5268.8 | 5892.3 | 6858.8 | 7544.1 | 7544.9 | 7711.8 | 8291.2 | 9200.9 | 9953.1 |
| 67.5° | 4791.1 | 5197.7 | 5587.3 | 6207.4 | 7238.3 | 7635.5 | 7271.3 | 7145.1 | 7657.6 | 8646.9 | 9353.4 |
| 70° | 5092.6 | 5594.9 | 5813.5 | 6290.4 | 7289.9 | 7524.6 | 6838.4 | 6417.4 | 6842.7 | 7669.4 | 8297.1 |
| 72.5° | 5100.2 | 5672.9 | 5736.4 | 5936.3 | 6806.3 | 6994.3 | 6093.0 | 5522.9 | 5778.7 | 6472.5 | 6802.9 |
| 75° | 4555.6 | 5275.6 | 5145.1 | 5071.4 | 5542.4 | 5622.9 | 4928.3 | 4691.1 | 5018.9 | 5428.9 | 5263.7 |
| 77.5° | 3386.6 | 4343.8 | 4078.7 | 3765.3 | 3936.4 | 3948.2 | 3970.2 | 4417.5 | 4819.9 | 4987.6 | 4747.0 |
| 80° | 2101.6 | 3190.9 | 2987.6 | 2470.9 | 2537.0 | 2731.8 | 3316.3 | 4106.6 | 4547.1 | 4667.4 | 4186.2 |
| 82.5° | 1267.2 | 2347.2 | 2238.8 | 1885.6 | 1968.6 | 2454.0 | 3100.3 | 3318.8 | 3467.1 | 3456.1 | 2958.8 |
| 85° | 928.4 | 1594.2 | 1741.6 | 1767.8 | 2062.6 | 2382.8 | 2369.3 | 2207.5 | 2116.8 | 1862.7 | 1590.0 |
| 87.5° | 292.2 | 822.5 | 975.8 | 1137.6 | 1246.0 | 1179.1 | 1159.6 | 1002.1 | 717.5 | 606.5 | 666.6 |
| 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: P162014

CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 2.5° | 1392.6 | 1396.0 | 1397.7 | 1396.8 | 1397.7 | 1397.7 | 1402.8 | 1401.1 | 1402.8 | 1401.9 | 1407.0 |
| 5° | 1413.8 | 1418.9 | 1423.1 | 1423.1 | 1423.9 | 1425.6 | 1432.4 | 1432.4 | 1435.8 | 1442.6 | 1446.0 |
| 7.5° | 1455.3 | 1462.1 | 1462.9 | 1464.6 | 1469.7 | 1467.1 | 1471.4 | 1473.1 | 1475.6 | 1479.0 | 1483.2 |
| 10° | 1498.5 | 1507.8 | 1507.8 | 1506.9 | 1507.8 | 1501.0 | 1503.6 | 1498.5 | 1499.3 | 1504.4 | 1509.5 |
| 12.5° | 1546.8 | 1551.8 | 1548.5 | 1545.9 | 1545.9 | 1533.2 | 1531.5 | 1524.7 | 1521.3 | 1522.2 | 1523.9 |
| 15° | 1643.3 | 1639.1 | 1638.2 | 1634.0 | 1618.8 | 1609.4 | 1602.7 | 1581.5 | 1570.5 | 1564.5 | 1554.4 |
| 17.5° | 1772.1 | 1774.6 | 1770.4 | 1766.2 | 1744.1 | 1712.8 | 1699.2 | 1676.4 | 1661.1 | 1645.9 | 1627.2 |
| 20° | 1960.1 | 1943.2 | 1941.5 | 1927.9 | 1897.4 | 1853.4 | 1820.4 | 1783.1 | 1761.9 | 1739.9 | 1720.4 |
| 22.5° | 2167.7 | 2149.9 | 2138.0 | 2111.8 | 2066.9 | 2011.0 | 1955.9 | 1908.5 | 1876.3 | 1860.2 | 1846.6 |
| 25° | 2398.1 | 2387.9 | 2368.4 | 2301.5 | 2265.9 | 2201.5 | 2141.4 | 2094.8 | 2058.4 | 2044.8 | 2021.1 |
| 27.5° | 2674.2 | 2681.8 | 2645.4 | 2582.7 | 2537.8 | 2447.2 | 2395.5 | 2315.1 | 2284.6 | 2235.4 | 2204.9 |
| 30° | 3177.4 | 3128.3 | 3066.4 | 2970.7 | 2880.1 | 2758.1 | 2672.5 | 2588.7 | 2543.8 | 2477.7 | 2396.4 |
| 32.5° | 3999.9 | 3812.7 | 3646.7 | 3443.4 | 3251.1 | 3095.2 | 2971.5 | 2865.7 | 2797.0 | 2687.8 | 2549.7 |
| 35° | 4663.2 | 4482.7 | 4208.3 | 3912.6 | 3660.2 | 3460.3 | 3304.4 | 3204.5 | 3067.3 | 2892.8 | 2692.9 |
| 37.5° | 5149.4 | 4941.8 | 4685.2 | 4459.0 | 4183.7 | 3960.9 | 3750.0 | 3542.5 | 3349.3 | 3085.0 | 2830.1 |
| 40° | 5938.8 | 5657.6 | 5234.9 | 4968.1 | 4742.8 | 4441.2 | 4243.8 | 3964.3 | 3670.4 | 3329.9 | 2960.5 |
| 42.5° | 6719.9 | 6347.1 | 5964.3 | 5657.6 | 5337.4 | 5010.5 | 4739.4 | 4364.1 | 3973.6 | 3532.3 | 3077.4 |
| 45° | 7627.1 | 7170.5 | 6669.9 | 6241.3 | 5912.6 | 5528.0 | 5180.7 | 4719.9 | 4221.8 | 3698.3 | 3179.1 |
| 47.5° | 8342.0 | 7889.7 | 7324.7 | 6892.7 | 6449.6 | 6015.9 | 5565.3 | 4996.9 | 4406.5 | 3833.9 | 3273.9 |
| 50° | 9027.3 | 8591.0 | 7990.5 | 7460.2 | 6951.1 | 6427.6 | 5882.9 | 5193.4 | 4551.3 | 3939.7 | 3349.3 |
| 52.5° | 9642.3 | 9254.3 | 8605.4 | 7971.8 | 7402.6 | 6799.5 | 6124.4 | 5377.2 | 4690.3 | 4049.0 | 3408.6 |
| 55° | 10163.2 | 9799.8 | 9217.9 | 8429.2 | 7782.9 | 7115.4 | 6352.2 | 5545.0 | 4836.8 | 4163.4 | 3451.8 |
| 57.5° | 10513.1 | 10303.0 | 9681.2 | 8831.6 | 8095.5 | 7384.8 | 6524.2 | 5713.5 | 4974.0 | 4234.5 | 3470.5 |
| 60° | 10675.7 | 10647.7 | 10121.7 | 9195.0 | 8373.3 | 7594.9 | 6741.0 | 5892.3 | 5064.7 | 4266.7 | 3444.2 |
| 62.5° | 10641.8 | 10841.7 | 10457.1 | 9444.0 | 8550.4 | 7726.2 | 6879.9 | 5969.3 | 5041.8 | 4188.8 | 3328.2 |
| 63° | 10610.5 | 10850.2 | 10504.6 | 9468.6 | 8564.8 | 7738.9 | 6893.5 | 5960.0 | 5020.6 | 4154.1 | 3288.3 |
| 65° | 10380.9 | 10750.2 | 10516.4 | 9424.6 | 8498.7 | 7702.5 | 6832.5 | 5813.5 | 4809.7 | 3935.5 | 3063.0 |
| 67.5° | 9818.5 | 10188.6 | 10059.0 | 8939.2 | 8070.9 | 7311.1 | 6406.4 | 5314.6 | 4293.0 | 3471.3 | 2645.4 |
| 70° | 8657.1 | 8988.3 | 8833.3 | 7848.2 | 7041.7 | 6503.0 | 5643.2 | 4420.0 | 3497.6 | 2790.3 | 2013.5 |
| 72.5° | 6847.8 | 7080.7 | 7114.6 | 6331.9 | 5714.4 | 5390.8 | 4546.3 | 3334.1 | 2554.8 | 1943.2 | 1307.0 |
| 75° | 5070.6 | 5016.4 | 5027.4 | 4590.3 | 4338.7 | 4202.3 | 3398.5 | 2287.1 | 1721.3 | 1187.6 | 775.1 |
| 77.5° | 4261.6 | 3872.0 | 3539.9 | 3418.8 | 3125.7 | 3041.0 | 2241.4 | 1403.6 | 1004.6 | 710.7 | 441.3 |
| 80° | 3465.4 | 2875.0 | 2392.1 | 2177.8 | 2063.5 | 2080.4 | 1240.1 | 748.0 | 526.0 | 387.1 | 276.1 |
| 82.5° | 2369.3 | 1920.3 | 1514.6 | 1315.5 | 1295.2 | 1314.7 | 644.6 | 366.8 | 277.8 | 222.8 | 173.7 |
| 85° | 1401.1 | 1318.9 | 1177.4 | 1045.3 | 999.5 | 943.6 | 479.4 | 262.6 | 143.2 | 118.6 | 97.4 |
| 87.5° | 605.7 | 743.7 | 761.5 | 758.1 | 705.6 | 566.7 | 176.2 | 67.8 | 60.1 | 30.5 | 24.6 |
| 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: P162014

CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 2.5° | 1407.0 | 1407.8 | 1406.1 | 1407.8 | 1413.8 | 1413.8 | 1412.9 | 1414.6 | 1415.5 | 1420.5 | 1418.9 |
| 5° | 1449.3 | 1450.2 | 1451.0 | 1457.0 | 1461.2 | 1466.3 | 1464.6 | 1466.3 | 1469.7 | 1470.5 | 1472.2 |
| 7.5° | 1488.3 | 1493.4 | 1500.2 | 1502.7 | 1510.3 | 1512.0 | 1519.7 | 1520.5 | 1522.2 | 1518.8 | 1515.4 |
| 10° | 1515.4 | 1520.5 | 1529.0 | 1533.2 | 1546.8 | 1548.5 | 1554.4 | 1556.1 | 1559.5 | 1556.9 | 1554.4 |
| 12.5° | 1529.0 | 1533.2 | 1542.5 | 1551.0 | 1569.6 | 1575.6 | 1585.7 | 1591.7 | 1595.9 | 1593.3 | 1584.9 |
| 15° | 1556.9 | 1556.1 | 1561.2 | 1567.9 | 1584.9 | 1595.9 | 1610.3 | 1617.9 | 1623.0 | 1618.8 | 1607.7 |
| 17.5° | 1621.3 | 1609.4 | 1609.4 | 1605.2 | 1617.9 | 1620.5 | 1626.4 | 1630.6 | 1628.9 | 1616.2 | 1598.4 |
| 20° | 1710.2 | 1692.5 | 1681.4 | 1671.3 | 1667.0 | 1645.9 | 1634.9 | 1619.6 | 1606.1 | 1583.2 | 1562.9 |
| 22.5° | 1825.4 | 1812.7 | 1787.3 | 1764.5 | 1732.3 | 1689.1 | 1642.5 | 1602.7 | 1573.0 | 1541.7 | 1506.9 |
| 25° | 1999.9 | 1971.1 | 1934.7 | 1880.5 | 1839.0 | 1762.8 | 1684.8 | 1609.4 | 1545.9 | 1496.8 | 1438.3 |
| 27.5° | 2164.3 | 2103.3 | 2034.7 | 1950.0 | 1873.7 | 1772.1 | 1673.0 | 1585.7 | 1502.7 | 1423.9 | 1357.0 |
| 30° | 2301.5 | 2195.6 | 2083.8 | 1965.2 | 1856.8 | 1734.0 | 1618.8 | 1519.7 | 1425.6 | 1332.4 | 1268.9 |
| 32.5° | 2404.8 | 2252.4 | 2103.3 | 1951.7 | 1817.8 | 1673.8 | 1541.7 | 1435.8 | 1329.1 | 1230.8 | 1157.1 |
| 35° | 2498.0 | 2292.2 | 2097.4 | 1915.2 | 1756.8 | 1597.6 | 1455.3 | 1336.7 | 1219.8 | 1114.8 | 1030.0 |
| 37.5° | 2564.9 | 2305.7 | 2071.9 | 1862.7 | 1678.9 | 1504.4 | 1350.2 | 1224.0 | 1098.7 | 991.9 | 898.7 |
| 40° | 2616.6 | 2299.0 | 2023.7 | 1782.2 | 1572.2 | 1390.9 | 1240.1 | 1108.0 | 982.6 | 875.9 | 778.5 |
| 42.5° | 2651.3 | 2273.6 | 1950.8 | 1690.8 | 1483.2 | 1293.5 | 1146.1 | 1007.2 | 881.8 | 770.0 | 662.4 |
| 45° | 2696.2 | 2263.4 | 1905.9 | 1622.1 | 1402.8 | 1211.3 | 1053.8 | 918.2 | 787.8 | 670.9 | 568.4 |
| 47.5° | 2738.6 | 2257.5 | 1869.5 | 1565.4 | 1329.9 | 1136.8 | 980.9 | 838.6 | 707.3 | 593.0 | 499.8 |
| 50° | 2764.0 | 2248.1 | 1831.4 | 1496.8 | 1248.6 | 1060.5 | 911.5 | 767.5 | 635.3 | 526.0 | 443.0 |
| 52.5° | 2771.6 | 2229.5 | 1781.4 | 1418.9 | 1178.3 | 995.3 | 840.3 | 696.3 | 569.2 | 471.0 | 393.9 |
| 55° | 2765.7 | 2193.1 | 1713.6 | 1355.3 | 1106.3 | 923.3 | 768.3 | 628.5 | 513.3 | 421.0 | 359.2 |
| 57.5° | 2736.9 | 2120.2 | 1626.4 | 1274.8 | 1024.1 | 832.7 | 680.2 | 552.3 | 449.8 | 376.1 | 328.7 |
| 60° | 2672.5 | 2015.2 | 1519.7 | 1162.2 | 906.4 | 725.1 | 581.1 | 471.0 | 384.6 | 331.2 | 299.9 |
| 62.5° | 2531.9 | 1863.6 | 1364.6 | 1002.9 | 748.8 | 581.9 | 456.6 | 375.3 | 316.8 | 288.9 | 270.2 |
| 63° | 2490.4 | 1811.0 | 1318.9 | 960.6 | 721.7 | 549.8 | 428.6 | 354.9 | 302.4 | 279.5 | 264.3 |
| 65° | 2271.9 | 1568.8 | 1114.8 | 772.5 | 559.1 | 416.8 | 327.0 | 278.7 | 250.7 | 242.3 | 238.0 |
| 67.5° | 1861.9 | 1220.6 | 784.4 | 518.4 | 375.3 | 288.0 | 241.4 | 222.8 | 212.6 | 211.8 | 214.3 |
| 70° | 1315.5 | 809.8 | 485.4 | 332.1 | 258.4 | 217.7 | 199.9 | 191.4 | 186.4 | 188.1 | 193.1 |
| 72.5° | 855.5 | 475.2 | 306.6 | 243.1 | 210.1 | 191.4 | 178.7 | 176.2 | 174.5 | 172.8 | 174.5 |
| 75° | 452.3 | 297.3 | 232.1 | 203.3 | 183.8 | 168.6 | 160.1 | 156.7 | 157.6 | 157.6 | 157.6 |
| 77.5° | 280.4 | 226.2 | 198.2 | 179.6 | 164.3 | 149.1 | 140.6 | 138.1 | 138.9 | 140.6 | 141.5 |
| 80° | 215.2 | 197.4 | 174.5 | 160.9 | 138.9 | 126.2 | 122.0 | 121.1 | 122.8 | 122.8 | 125.4 |
| 82.5° | 157.6 | 152.5 | 144.0 | 127.1 | 110.1 | 101.6 | 100.8 | 104.2 | 100.8 | 100.0 | 101.6 |
| 85° | 92.3 | 86.4 | 94.0 | 80.5 | 73.7 | 68.6 | 72.0 | 78.8 | 82.2 | 77.9 | 76.2 |
| 87.5° | 29.6 | 20.3 | 29.6 | 33.0 | 29.6 | 25.4 | 32.2 | 38.1 | 39.0 | 37.3 | 42.4 |
| 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: P162014

CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 2.5° | 1418.0 | 1423.9 | 1418.0 | 1420.5 | 1419.7 | 1418.0 | 1420.5 | 1417.2 | 1415.5 | 1420.5 | 1419.7 |
| 5° | 1471.4 | 1472.2 | 1464.6 | 1465.4 | 1464.6 | 1457.8 | 1457.8 | 1454.4 | 1450.2 | 1451.0 | 1449.3 |
| 7.5° | 1514.6 | 1512.9 | 1506.9 | 1504.4 | 1496.8 | 1491.7 | 1488.3 | 1483.2 | 1479.8 | 1476.5 | 1474.8 |
| 10° | 1547.6 | 1543.4 | 1539.1 | 1531.5 | 1523.9 | 1519.7 | 1510.3 | 1502.7 | 1500.2 | 1495.1 | 1491.7 |
| 12.5° | 1576.4 | 1568.8 | 1562.0 | 1552.7 | 1543.4 | 1536.6 | 1525.6 | 1519.7 | 1515.4 | 1508.6 | 1503.6 |
| 15° | 1592.5 | 1578.1 | 1565.4 | 1551.0 | 1540.8 | 1530.7 | 1518.0 | 1515.4 | 1509.5 | 1502.7 | 1493.4 |
| 17.5° | 1573.0 | 1552.7 | 1529.0 | 1513.7 | 1498.5 | 1483.2 | 1470.5 | 1470.5 | 1468.0 | 1460.4 | 1444.3 |
| 20° | 1533.2 | 1502.7 | 1474.8 | 1450.2 | 1434.9 | 1412.9 | 1405.3 | 1393.4 | 1385.0 | 1371.4 | 1351.1 |
| 22.5° | 1468.0 | 1435.8 | 1399.4 | 1374.8 | 1348.5 | 1324.0 | 1308.7 | 1290.1 | 1283.3 | 1261.3 | 1234.2 |
| 25° | 1395.1 | 1348.5 | 1309.6 | 1277.4 | 1241.0 | 1212.2 | 1191.0 | 1165.6 | 1148.6 | 1127.5 | 1093.6 |
| 27.5° | 1308.7 | 1260.4 | 1216.4 | 1180.8 | 1142.7 | 1102.9 | 1063.9 | 1034.3 | 1003.8 | 979.2 | 959.7 |
| 30° | 1215.6 | 1165.6 | 1111.4 | 1069.9 | 1025.8 | 975.8 | 943.6 | 903.8 | 880.1 | 853.0 | 827.6 |
| 32.5° | 1093.6 | 1049.5 | 986.0 | 937.7 | 883.5 | 844.5 | 818.3 | 780.2 | 752.2 | 729.3 | 714.9 |
| 35° | 959.7 | 893.7 | 830.1 | 793.7 | 756.4 | 725.1 | 688.7 | 659.0 | 640.4 | 616.7 | 604.0 |
| 37.5° | 814.0 | 737.0 | 682.7 | 650.6 | 612.4 | 597.2 | 574.3 | 556.5 | 539.6 | 523.5 | 513.3 |
| 40° | 683.6 | 612.4 | 563.3 | 536.2 | 510.8 | 493.8 | 479.4 | 471.8 | 460.8 | 448.1 | 440.5 |
| 42.5° | 575.2 | 518.4 | 470.1 | 444.7 | 425.2 | 423.5 | 414.2 | 408.3 | 404.1 | 396.4 | 384.6 |
| 45° | 490.5 | 438.8 | 397.3 | 376.9 | 368.5 | 369.3 | 369.3 | 364.2 | 364.2 | 361.7 | 354.1 |
| 47.5° | 433.7 | 387.1 | 356.6 | 343.1 | 339.7 | 340.5 | 338.0 | 336.3 | 337.1 | 336.3 | 332.1 |
| 50° | 389.7 | 349.8 | 324.4 | 319.3 | 318.5 | 317.7 | 314.3 | 311.7 | 310.9 | 312.6 | 311.7 |
| 52.5° | 344.8 | 311.7 | 297.3 | 295.6 | 296.5 | 296.5 | 295.6 | 294.8 | 296.5 | 298.2 | 295.6 |
| 55° | 319.3 | 295.6 | 286.3 | 286.3 | 286.3 | 286.3 | 285.5 | 284.6 | 287.2 | 289.7 | 285.5 |
| 57.5° | 295.6 | 278.7 | 275.3 | 275.3 | 275.3 | 273.6 | 273.6 | 274.5 | 277.8 | 282.9 | 277.8 |
| 60° | 277.8 | 269.4 | 269.4 | 270.2 | 269.4 | 266.0 | 263.4 | 263.4 | 267.7 | 274.5 | 270.2 |
| 62.5° | 260.9 | 256.7 | 258.4 | 257.5 | 255.8 | 251.6 | 248.2 | 248.2 | 253.3 | 260.1 | 261.7 |
| 63° | 256.7 | 253.3 | 255.0 | 254.1 | 252.4 | 249.0 | 245.7 | 245.7 | 249.9 | 256.7 | 259.2 |
| 65° | 238.0 | 238.9 | 239.7 | 240.6 | 239.7 | 238.9 | 234.6 | 232.9 | 236.3 | 241.4 | 244.8 |
| 67.5° | 216.0 | 217.7 | 219.4 | 223.6 | 221.9 | 221.9 | 219.4 | 217.7 | 218.5 | 221.1 | 223.6 |
| 70° | 195.7 | 197.4 | 199.9 | 201.6 | 202.5 | 203.3 | 201.6 | 199.1 | 199.9 | 200.8 | 202.5 |
| 72.5° | 176.2 | 177.9 | 179.6 | 183.0 | 183.0 | 183.0 | 181.3 | 179.6 | 180.4 | 182.1 | 183.8 |
| 75° | 158.4 | 159.3 | 160.9 | 163.5 | 164.3 | 162.6 | 162.6 | 160.9 | 161.8 | 164.3 | 166.0 |
| 77.5° | 140.6 | 138.9 | 139.8 | 141.5 | 144.0 | 144.0 | 144.8 | 144.0 | 145.7 | 147.4 | 149.1 |
| 80° | 120.3 | 118.6 | 116.9 | 117.7 | 121.1 | 125.4 | 129.6 | 129.6 | 132.1 | 133.0 | 135.5 |
| 82.5° | 95.7 | 94.0 | 93.2 | 95.7 | 94.9 | 100.8 | 110.1 | 115.2 | 118.6 | 122.0 | 123.7 |
| 85° | 74.5 | 70.3 | 72.0 | 72.0 | 70.3 | 79.6 | 88.1 | 94.9 | 95.7 | 100.8 | 101.6 |
| 87.5° | 44.0 | 42.4 | 40.7 | 39.0 | 44.9 | 54.2 | 61.8 | 64.4 | 66.1 | 68.6 | 71.2 |
| 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: P162014

CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 2.5° | 1412.9 | 1419.7 | 1418.0 | 1417.2 | 1418.0 | 1417.2 | 1414.6 | 1415.5 | 1413.8 | 1414.6 | 1412.9 |
| 5° | 1440.0 | 1443.4 | 1440.9 | 1436.6 | 1436.6 | 1430.7 | 1426.5 | 1423.1 | 1418.9 | 1417.2 | 1413.8 |
| 7.5° | 1466.3 | 1463.7 | 1460.4 | 1452.7 | 1448.5 | 1440.9 | 1434.9 | 1428.2 | 1423.9 | 1418.9 | 1412.9 |
| 10° | 1482.4 | 1477.3 | 1470.5 | 1461.2 | 1449.3 | 1442.6 | 1434.1 | 1423.9 | 1418.9 | 1416.3 | 1410.4 |
| 12.5° | 1490.0 | 1476.5 | 1465.4 | 1448.5 | 1431.6 | 1418.9 | 1409.5 | 1399.4 | 1396.8 | 1393.4 | 1389.2 |
| 15° | 1472.2 | 1452.7 | 1424.8 | 1401.9 | 1379.9 | 1362.1 | 1354.5 | 1343.5 | 1340.9 | 1340.1 | 1339.2 |
| 17.5° | 1412.1 | 1382.4 | 1355.3 | 1324.8 | 1305.3 | 1289.2 | 1282.5 | 1279.9 | 1275.7 | 1274.0 | 1274.8 |
| 20° | 1315.5 | 1290.1 | 1263.0 | 1252.8 | 1230.0 | 1225.7 | 1215.6 | 1208.8 | 1201.2 | 1198.6 | 1194.4 |
| 22.5° | 1202.8 | 1171.5 | 1154.6 | 1146.9 | 1137.6 | 1115.6 | 1110.5 | 1103.7 | 1093.6 | 1086.0 | 1084.3 |
| 25° | 1071.6 | 1046.1 | 1045.3 | 1027.5 | 1019.9 | 1008.0 | 994.5 | 986.0 | 980.1 | 970.7 | 964.0 |
| 27.5° | 937.7 | 928.4 | 912.3 | 898.7 | 893.7 | 886.9 | 866.6 | 862.3 | 855.5 | 847.9 | 840.3 |
| 30° | 813.2 | 806.4 | 791.2 | 778.5 | 770.8 | 757.3 | 737.8 | 739.5 | 725.9 | 715.8 | 709.0 |
| 32.5° | 692.1 | 687.0 | 672.6 | 669.2 | 644.6 | 637.8 | 617.5 | 602.3 | 588.7 | 578.6 | 570.1 |
| 35° | 582.8 | 569.2 | 570.1 | 554.8 | 541.3 | 521.0 | 499.8 | 480.3 | 469.3 | 464.2 | 456.6 |
| 37.5° | 504.0 | 491.3 | 478.6 | 461.7 | 446.4 | 432.0 | 419.3 | 413.4 | 406.6 | 408.3 | 409.1 |
| 40° | 432.9 | 423.5 | 414.2 | 402.4 | 393.0 | 387.1 | 383.7 | 383.7 | 384.6 | 388.8 | 392.2 |
| 42.5° | 382.0 | 374.4 | 369.3 | 365.1 | 366.8 | 366.8 | 369.3 | 373.6 | 377.8 | 383.7 | 387.1 |
| 45° | 348.1 | 343.9 | 342.2 | 343.9 | 349.0 | 353.2 | 359.2 | 365.9 | 372.7 | 378.6 | 381.2 |
| 47.5° | 327.8 | 325.3 | 325.3 | 329.5 | 337.1 | 343.9 | 353.2 | 360.0 | 367.6 | 372.7 | 374.4 |
| 50° | 305.8 | 304.9 | 304.9 | 308.3 | 315.1 | 323.6 | 332.9 | 339.7 | 346.5 | 350.7 | 352.4 |
| 52.5° | 293.1 | 290.5 | 289.7 | 293.9 | 299.9 | 308.3 | 317.7 | 324.4 | 329.5 | 332.9 | 333.7 |
| 55° | 282.1 | 279.5 | 277.8 | 282.9 | 289.7 | 297.3 | 308.3 | 316.0 | 321.0 | 325.3 | 328.7 |
| 57.5° | 272.8 | 270.2 | 268.5 | 274.5 | 281.2 | 290.5 | 299.9 | 308.3 | 315.1 | 320.2 | 323.6 |
| 60° | 265.1 | 261.7 | 260.1 | 266.8 | 273.6 | 282.9 | 292.2 | 301.6 | 310.9 | 316.8 | 318.5 |
| 62.5° | 255.8 | 253.3 | 250.7 | 255.0 | 258.4 | 265.1 | 273.6 | 282.9 | 291.4 | 297.3 | 297.3 |
| 63° | 253.3 | 252.4 | 249.0 | 252.4 | 255.8 | 261.7 | 270.2 | 278.7 | 287.2 | 293.9 | 293.1 |
| 65° | 242.3 | 242.3 | 240.6 | 244.0 | 247.3 | 253.3 | 260.1 | 269.4 | 277.0 | 282.1 | 282.9 |
| 67.5° | 224.5 | 225.3 | 227.0 | 230.4 | 237.2 | 243.1 | 250.7 | 259.2 | 266.0 | 269.4 | 271.1 |
| 70° | 204.1 | 205.8 | 209.2 | 214.3 | 220.2 | 225.3 | 230.4 | 238.9 | 244.8 | 248.2 | 249.9 |
| 72.5° | 184.7 | 188.9 | 191.4 | 195.7 | 199.1 | 204.1 | 208.4 | 216.9 | 221.9 | 224.5 | 228.7 |
| 75° | 166.9 | 170.3 | 172.0 | 174.5 | 177.9 | 179.6 | 184.7 | 188.1 | 194.8 | 198.2 | 203.3 |
| 77.5° | 149.9 | 151.6 | 154.2 | 158.4 | 159.3 | 161.8 | 163.5 | 168.6 | 172.0 | 175.3 | 179.6 |
| 80° | 134.7 | 136.4 | 139.8 | 142.3 | 143.2 | 144.8 | 145.7 | 144.8 | 144.0 | 141.5 | 144.8 |
| 82.5° | 121.1 | 122.8 | 127.1 | 129.6 | 132.1 | 132.1 | 131.3 | 122.0 | 117.7 | 119.4 | 122.0 |
| 85° | 100.0 | 101.6 | 105.9 | 111.0 | 111.8 | 111.0 | 111.8 | 102.5 | 96.6 | 94.0 | 96.6 |
| 87.5° | 62.7 | 61.0 | 75.4 | 82.2 | 77.1 | 78.8 | 79.6 | 74.5 | 69.5 | 59.3 | 61.8 |
| 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: P162014
 CATALOG NUMBER: OVF-F05-LED-E-U-SLL-7060

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 0° |
| 2.5° | 1414.6 | 1408.7 | 1409.5 | 1411.2 | 1411.2 | 1413.8 | 1410.4 | 1406.1 | 1408.7 | 1404.5 | 1403.6 | 2.5° |
| 5° | 1413.8 | 1406.1 | 1406.1 | 1407.8 | 1406.1 | 1407.8 | 1405.3 | 1401.1 | 1403.6 | 1398.5 | 1397.7 | 5° |
| 7.5° | 1410.4 | 1406.1 | 1407.8 | 1409.5 | 1407.0 | 1407.8 | 1407.0 | 1401.1 | 1401.9 | 1399.4 | 1393.4 | 7.5° |
| 10° | 1408.7 | 1406.1 | 1409.5 | 1414.6 | 1414.6 | 1415.5 | 1412.9 | 1406.1 | 1401.9 | 1399.4 | 1394.3 | 10° |
| 12.5° | 1390.9 | 1394.3 | 1401.1 | 1412.9 | 1417.2 | 1423.9 | 1427.3 | 1423.9 | 1425.6 | 1422.2 | 1420.5 | 12.5° |
| 15° | 1340.1 | 1348.5 | 1359.6 | 1377.3 | 1390.1 | 1405.3 | 1423.9 | 1432.4 | 1448.5 | 1461.2 | 1469.7 | 15° |
| 17.5° | 1279.1 | 1285.0 | 1296.9 | 1317.2 | 1333.3 | 1363.8 | 1389.2 | 1418.0 | 1449.3 | 1483.2 | 1512.9 | 17.5° |
| 20° | 1203.7 | 1199.5 | 1218.1 | 1240.1 | 1268.1 | 1302.0 | 1339.2 | 1382.4 | 1434.1 | 1488.3 | 1540.0 | 20° |
| 22.5° | 1092.7 | 1092.7 | 1112.2 | 1138.5 | 1172.4 | 1211.3 | 1263.0 | 1309.6 | 1377.3 | 1456.1 | 1532.4 | 22.5° |
| 25° | 965.7 | 968.2 | 981.8 | 1011.4 | 1035.1 | 1091.0 | 1139.3 | 1199.5 | 1280.8 | 1367.2 | 1468.8 | 25° |
| 27.5° | 830.1 | 847.1 | 843.7 | 875.0 | 906.4 | 961.4 | 1027.5 | 1088.5 | 1179.1 | 1271.5 | 1387.5 | 27.5° |
| 30° | 707.3 | 704.8 | 703.9 | 741.2 | 772.5 | 822.5 | 876.7 | 953.8 | 1045.3 | 1163.9 | 1297.7 | 30° |
| 32.5° | 554.8 | 564.2 | 570.9 | 593.0 | 626.8 | 673.4 | 731.9 | 812.3 | 922.5 | 1041.9 | 1192.7 | 32.5° |
| 35° | 458.3 | 460.8 | 470.1 | 482.8 | 512.5 | 551.4 | 612.4 | 683.6 | 780.2 | 903.8 | 1063.9 | 35° |
| 37.5° | 410.8 | 413.4 | 423.5 | 435.4 | 456.6 | 485.4 | 526.9 | 581.9 | 670.9 | 786.1 | 935.2 | 37.5° |
| 40° | 395.6 | 398.1 | 404.1 | 415.1 | 434.5 | 459.1 | 492.2 | 534.5 | 598.9 | 688.7 | 819.1 | 40° |
| 42.5° | 388.8 | 388.8 | 389.7 | 398.1 | 417.6 | 446.4 | 482.0 | 520.1 | 567.5 | 635.3 | 741.2 | 42.5° |
| 45° | 381.2 | 381.2 | 380.3 | 386.3 | 401.5 | 434.5 | 477.8 | 524.3 | 576.0 | 634.5 | 717.5 | 45° |
| 47.5° | 374.4 | 372.7 | 371.0 | 373.6 | 386.3 | 420.1 | 470.1 | 526.9 | 593.0 | 665.8 | 749.7 | 47.5° |
| 50° | 350.7 | 350.7 | 349.8 | 350.7 | 362.5 | 398.1 | 455.7 | 524.3 | 608.2 | 702.2 | 803.9 | 50° |
| 52.5° | 333.7 | 334.6 | 335.4 | 335.4 | 344.8 | 381.2 | 444.7 | 525.2 | 625.1 | 737.8 | 866.6 | 52.5° |
| 55° | 329.5 | 331.2 | 331.2 | 329.5 | 337.1 | 370.2 | 434.5 | 522.6 | 637.0 | 777.6 | 933.5 | 55° |
| 57.5° | 324.4 | 325.3 | 326.1 | 324.4 | 329.5 | 358.3 | 420.1 | 510.8 | 633.6 | 792.9 | 983.5 | 57.5° |
| 60° | 317.7 | 314.3 | 313.4 | 310.9 | 314.3 | 337.1 | 394.7 | 485.4 | 613.3 | 786.1 | 1000.4 | 60° |
| 62.5° | 299.0 | 296.5 | 293.9 | 291.4 | 293.9 | 310.9 | 366.8 | 454.0 | 579.4 | 759.0 | 986.8 | 62.5° |
| 63° | 294.8 | 293.1 | 290.5 | 288.0 | 288.0 | 306.6 | 357.5 | 446.4 | 570.9 | 751.4 | 981.8 | 63° |
| 65° | 282.9 | 282.1 | 280.4 | 277.8 | 277.0 | 291.4 | 336.3 | 411.7 | 531.1 | 717.5 | 949.6 | 65° |
| 67.5° | 269.4 | 269.4 | 268.5 | 265.1 | 260.9 | 269.4 | 300.7 | 360.0 | 461.7 | 630.2 | 869.9 | 67.5° |
| 70° | 249.9 | 249.9 | 249.0 | 247.3 | 242.3 | 248.2 | 268.5 | 307.5 | 380.3 | 515.0 | 729.3 | 70° |
| 72.5° | 230.4 | 230.4 | 232.9 | 232.1 | 232.9 | 233.8 | 244.0 | 265.1 | 309.2 | 400.7 | 551.4 | 72.5° |
| 75° | 205.0 | 209.2 | 210.1 | 211.8 | 212.6 | 211.8 | 216.9 | 229.6 | 255.0 | 307.5 | 402.4 | 75° |
| 77.5° | 183.8 | 189.7 | 188.9 | 187.2 | 186.4 | 187.2 | 186.4 | 192.3 | 210.9 | 244.0 | 298.2 | 77.5° |
| 80° | 151.6 | 157.6 | 157.6 | 156.7 | 155.0 | 156.7 | 155.0 | 160.9 | 176.2 | 205.0 | 237.2 | 80° |
| 82.5° | 124.5 | 128.8 | 131.3 | 133.0 | 131.3 | 138.1 | 138.1 | 136.4 | 148.2 | 173.7 | 199.9 | 82.5° |
| 85° | 100.0 | 104.2 | 106.7 | 110.1 | 111.8 | 110.1 | 109.3 | 107.6 | 114.4 | 134.7 | 152.5 | 85° |
| 87.5° | 63.5 | 66.9 | 66.9 | 67.8 | 67.8 | 70.3 | 65.2 | 59.3 | 54.2 | 77.1 | 80.5 | 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: P162014

NUMBER: OVF-F05-LED-E-U-SLL-7060

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 | 1401.1 |
| 1401.1 | 1401.1 | 1401.9 | 1399.4 | 1401.9 | 1401.9 | 1399.4 |
| 1395.1 | 1393.4 | 1393.4 | 1392.6 | 1394.3 | 1393.4 | 1392.6 |
| 1390.1 | 1390.1 | 1386.7 | 1384.1 | 1383.3 | 1386.7 | 1385.0 |
| 1388.4 | 1386.7 | 1385.8 | 1384.1 | 1385.0 | 1387.5 | 1389.2 |
| 1418.9 | 1412.9 | 1414.6 | 1413.8 | 1414.6 | 1417.2 | 1422.2 |
| 1474.8 | 1474.8 | 1479.0 | 1469.7 | 1473.9 | 1478.1 | 1484.9 |
| 1537.4 | 1552.7 | 1560.3 | 1559.5 | 1561.2 | 1564.5 | 1572.2 |
| 1590.8 | 1639.1 | 1673.0 | 1681.4 | 1704.3 | 1709.4 | 1697.5 |
| 1614.5 | 1700.9 | 1777.2 | 1828.0 | 1884.7 | 1907.6 | 1914.4 |
| 1566.2 | 1690.8 | 1816.1 | 1933.0 | 2044.8 | 2109.2 | 2166.0 |
| 1516.3 | 1663.7 | 1830.5 | 2005.0 | 2187.1 | 2351.5 | 2474.3 |
| 1446.8 | 1641.6 | 1867.0 | 2102.4 | 2343.9 | 2572.6 | 2777.6 |
| 1370.6 | 1606.1 | 1870.3 | 2156.7 | 2454.8 | 2739.4 | 2987.6 |
| 1261.3 | 1523.0 | 1816.1 | 2148.2 | 2493.8 | 2850.4 | 3160.4 |
| 1135.9 | 1390.9 | 1719.6 | 2099.1 | 2491.2 | 2907.2 | 3279.0 |
| 1002.1 | 1263.0 | 1608.6 | 2015.2 | 2458.2 | 2925.0 | 3362.0 |
| 901.3 | 1159.6 | 1498.5 | 1935.6 | 2409.1 | 2913.1 | 3401.9 |
| 849.6 | 1070.7 | 1408.7 | 1857.6 | 2354.0 | 2884.3 | 3418.8 |
| 859.8 | 1047.0 | 1355.3 | 1793.3 | 2304.9 | 2853.0 | 3414.6 |
| 916.5 | 1082.6 | 1354.5 | 1769.5 | 2273.6 | 2824.2 | 3402.7 |
| 1002.1 | 1163.0 | 1403.6 | 1797.5 | 2290.5 | 2821.6 | 3401.9 |
| 1098.7 | 1275.7 | 1522.2 | 1872.9 | 2362.5 | 2867.4 | 3422.2 |
| 1191.8 | 1412.9 | 1674.7 | 2041.5 | 2498.9 | 2981.7 | 3504.4 |
| 1246.9 | 1538.3 | 1870.3 | 2279.5 | 2708.9 | 3182.5 | 3684.8 |
| 1259.6 | 1613.7 | 2044.0 | 2513.3 | 2997.0 | 3473.0 | 3966.0 |
| 1258.8 | 1621.3 | 2073.6 | 2561.6 | 3055.4 | 3539.9 | 4038.0 |
| 1239.3 | 1636.6 | 2153.3 | 2720.8 | 3290.0 | 3827.1 | 4338.7 |
| 1178.3 | 1609.4 | 2197.3 | 2869.0 | 3523.0 | 4143.9 | 4791.1 |
| 1038.5 | 1485.8 | 2145.6 | 2917.3 | 3661.9 | 4354.0 | 5092.6 |
| 813.2 | 1225.7 | 1852.6 | 2666.6 | 3473.9 | 4165.9 | 5100.2 |
| 571.8 | 866.6 | 1425.6 | 2189.7 | 2839.4 | 3520.4 | 4555.6 |
| 398.1 | 561.6 | 925.9 | 1473.1 | 2049.1 | 2568.3 | 3386.6 |
| 291.4 | 373.6 | 554.8 | 881.0 | 1243.5 | 1605.2 | 2101.6 |
| 224.5 | 269.4 | 354.9 | 532.0 | 702.2 | 898.7 | 1267.2 |
| 157.6 | 177.9 | 219.4 | 328.7 | 471.0 | 642.9 | 928.4 |
| 68.6 | 80.5 | 105.9 | 194.0 | 318.5 | 306.6 | 292.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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