

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: INVUE

Report Number: P160082

Luminaire Tested: **ENT-F02-LED-E1-SLL-ULG**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P160082
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENT-F02-LED-E1-SLL-ULG
Description: ENTRI LED LUMINAIRE WITH UPLIGHT
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4335.1 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U3 - G2

Input Watts (W): 57.3
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: 25 FT

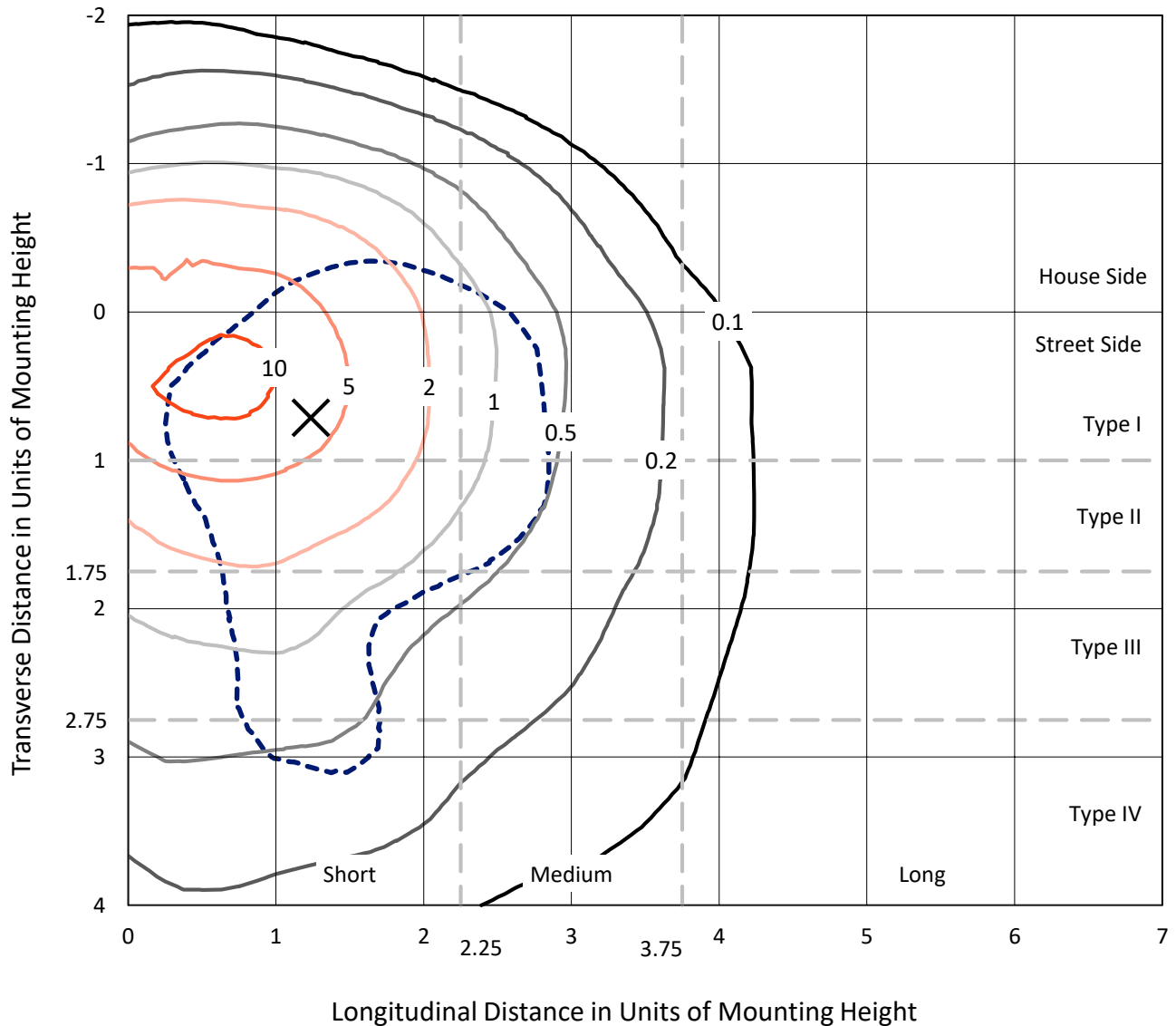


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

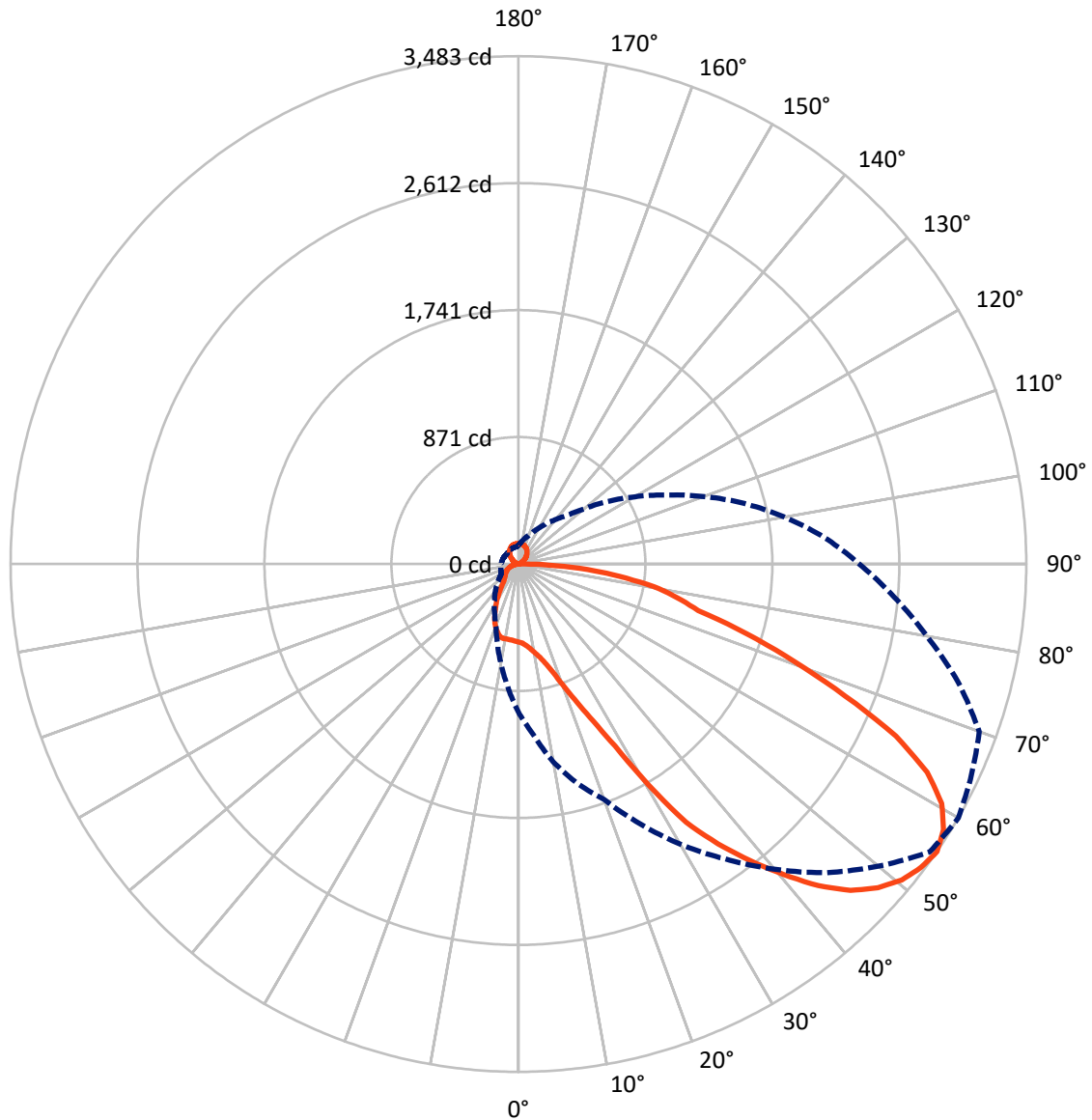


Based on 10 foot mounting height. Maximum calculated value = 13 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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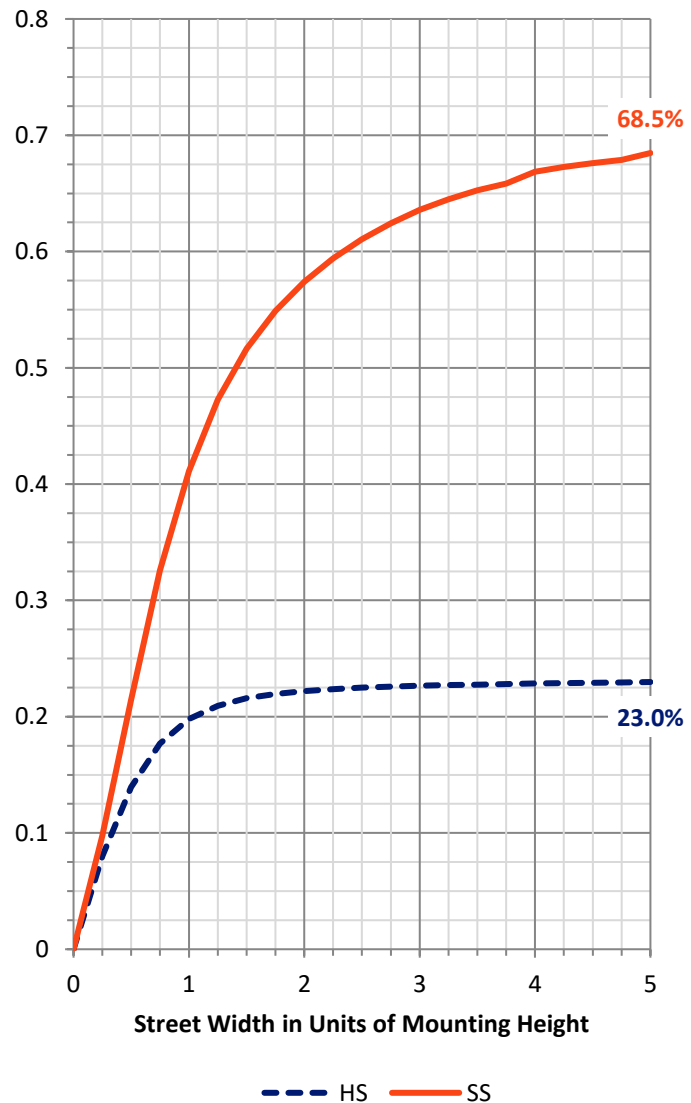
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1004.7 | 157.7 | 1162.4 |
| | % Fixture | 23.2 | 3.6 | 26.8 |
| Street Side | Lumens | 3014.9 | 157.7 | 3172.7 |
| | % Fixture | 69.5 | 3.6 | 73.2 |
| Total | Lumens | 4019.6 | 315.5 | 4335.1 |
| | % Fixture | 92.7 | 7.3 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.8 | 1.2 |
| 10°-20° | 173.5 | 4.0 |
| 20°-30° | 336.6 | 7.8 |
| 30°-40° | 529.0 | 12.2 |
| 40°-50° | 707.2 | 16.3 |
| 50°-60° | 829.7 | 19.1 |
| 60°-70° | 787.1 | 18.2 |
| 70°-80° | 475.1 | 11.0 |
| 80°-90° | 128.7 | 3.0 |
| 90°-100° | 1.3 | 0.0 |
| 100°-110° | 12.3 | 0.3 |
| 110°-120° | 25.2 | 0.6 |
| 120°-130° | 43.0 | 1.0 |
| 130°-140° | 60.0 | 1.4 |
| 140°-150° | 65.4 | 1.5 |
| 150°-160° | 56.9 | 1.3 |
| 160°-170° | 38.2 | 0.9 |
| 170°-180° | 13.3 | 0.3 |
| 0°-90° | 4019.6 | 92.7 |
| 0°-180° | 4335.1 | 100.0 |



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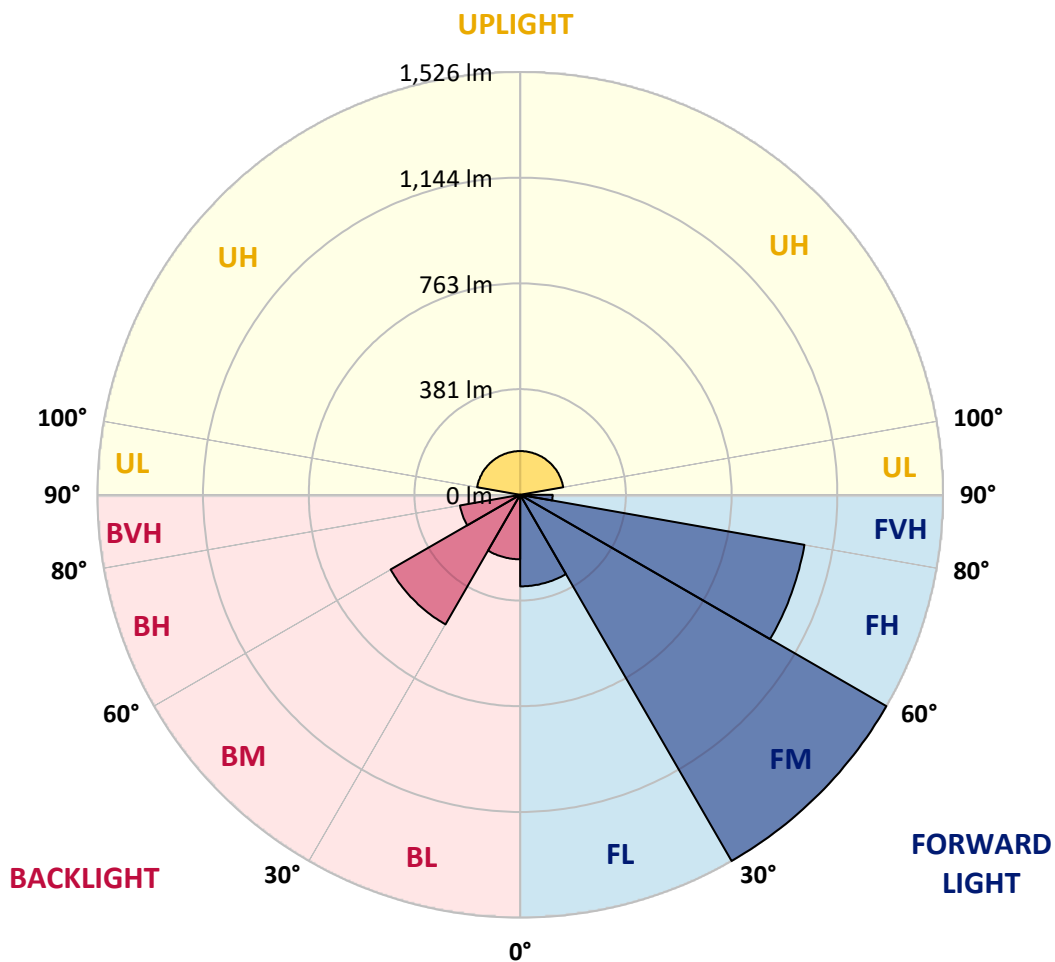
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|--------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 330.3 | 7.6 | | | |
| FM | (30°-60°) | 1525.9 | 35.2 | | | |
| FH | (60°-80°) | 1041.6 | 24.0 | | | G1/1800 |
| FVH | (80°-90°) | 117.0 | 2.7 | | | G2/225 |
| BL | (0°-30°) | 232.5 | 5.4 | B1/500 | | |
| BM | (30°-60°) | 539.9 | 12.5 | B1/1000 | | |
| BH | (60°-80°) | 220.6 | 5.1 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 11.7 | 0.3 | | | G1/100 |
| UL | (90°-100°) | 1.3 | 0.0 | | U1/10 | |
| UH | (100°-180°) | 157.7 | 3.6 | | U3/500 | |

BUG Rating: B1-U3-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5° | 547.3 | 546.5 | 547.3 | 546.5 | 546.5 | 546.5 | 547.3 | 546.5 | 544.0 | 544.0 | 544.8 |
| 5° | 560.5 | 560.5 | 560.5 | 561.4 | 561.4 | 562.2 | 563.8 | 562.2 | 561.4 | 565.5 | 562.2 |
| 7.5° | 576.2 | 576.2 | 578.7 | 579.5 | 582.0 | 582.0 | 585.3 | 584.5 | 587.8 | 590.3 | 587.8 |
| 10° | 600.2 | 597.7 | 603.5 | 603.5 | 610.1 | 610.9 | 614.2 | 615.0 | 620.8 | 625.7 | 621.6 |
| 12.5° | 634.8 | 636.5 | 646.4 | 648.0 | 656.3 | 656.3 | 656.3 | 659.6 | 663.7 | 667.0 | 662.9 |
| 15° | 696.7 | 700.0 | 713.3 | 714.1 | 728.1 | 722.3 | 728.9 | 729.8 | 728.9 | 731.4 | 725.6 |
| 17.5° | 776.8 | 785.9 | 804.9 | 809.0 | 815.6 | 827.2 | 827.2 | 825.5 | 829.7 | 832.1 | 816.4 |
| 20° | 875.1 | 890.7 | 912.2 | 920.5 | 938.6 | 958.4 | 957.6 | 954.3 | 955.1 | 948.5 | 931.2 |
| 22.5° | 985.7 | 1021.2 | 1056.7 | 1069.9 | 1083.1 | 1107.9 | 1123.5 | 1118.6 | 1122.7 | 1107.9 | 1092.2 |
| 25° | 1112.0 | 1169.8 | 1223.4 | 1243.2 | 1291.1 | 1334.9 | 1341.5 | 1338.2 | 1320.0 | 1306.0 | 1290.3 |
| 27.5° | 1189.6 | 1265.5 | 1339.0 | 1389.4 | 1471.1 | 1541.3 | 1555.3 | 1578.4 | 1584.2 | 1595.7 | 1557.8 |
| 30° | 1206.1 | 1301.0 | 1392.7 | 1469.4 | 1567.7 | 1651.0 | 1743.5 | 1812.0 | 1858.3 | 1894.6 | 1869.8 |
| 32.5° | 1217.6 | 1325.0 | 1426.5 | 1523.1 | 1604.0 | 1725.3 | 1841.7 | 1943.3 | 2078.7 | 2128.2 | 2175.3 |
| 35° | 1221.0 | 1344.0 | 1458.7 | 1567.7 | 1672.5 | 1793.0 | 1917.7 | 2029.1 | 2212.4 | 2359.4 | 2460.1 |
| 37.5° | 1216.0 | 1358.0 | 1492.5 | 1625.5 | 1750.1 | 1883.0 | 2014.3 | 2123.3 | 2301.6 | 2491.4 | 2626.8 |
| 40° | 1196.2 | 1353.0 | 1506.6 | 1656.0 | 1807.1 | 1971.4 | 2121.6 | 2239.6 | 2406.4 | 2630.9 | 2810.9 |
| 42.5° | 1170.6 | 1332.4 | 1501.6 | 1665.9 | 1836.0 | 2029.1 | 2210.8 | 2354.4 | 2538.5 | 2765.5 | 2970.2 |
| 45° | 1138.4 | 1306.8 | 1481.8 | 1655.2 | 1838.4 | 2053.1 | 2260.3 | 2444.4 | 2640.0 | 2892.6 | 3089.9 |
| 47.5° | 1098.8 | 1270.5 | 1455.4 | 1631.2 | 1821.9 | 2053.9 | 2283.4 | 2493.9 | 2708.5 | 2980.1 | 3193.1 |
| 50° | 1061.6 | 1232.5 | 1425.7 | 1599.0 | 1790.6 | 2033.3 | 2280.9 | 2516.2 | 2750.6 | 3031.3 | 3255.0 |
| 52.5° | 1032.7 | 1200.3 | 1400.1 | 1573.5 | 1754.2 | 1999.4 | 2256.2 | 2505.5 | 2757.3 | 3037.9 | 3266.6 |
| 55° | 1014.6 | 1173.9 | 1378.6 | 1556.1 | 1717.9 | 1963.1 | 2218.2 | 2468.3 | 2732.5 | 2994.2 | 3223.7 |
| 57.5° | 1017.0 | 1168.9 | 1366.2 | 1552.8 | 1691.5 | 1931.7 | 2175.3 | 2415.5 | 2655.7 | 2905.0 | 3141.9 |
| 60° | 1042.6 | 1179.7 | 1359.6 | 1529.7 | 1708.0 | 1935.0 | 2156.3 | 2356.9 | 2549.2 | 2778.7 | 3000.0 |
| 62.5° | 1107.0 | 1225.1 | 1370.4 | 1545.4 | 1741.9 | 1966.4 | 2143.9 | 2266.1 | 2380.8 | 2610.3 | 2835.7 |
| 65° | 1229.2 | 1331.6 | 1448.0 | 1601.5 | 1793.9 | 2010.2 | 2093.5 | 2118.3 | 2191.8 | 2410.5 | 2634.3 |
| 67.5° | 1348.9 | 1470.3 | 1536.3 | 1634.5 | 1814.5 | 2022.5 | 2033.3 | 1926.8 | 1925.1 | 2138.1 | 2299.9 |
| 70° | 1464.5 | 1640.3 | 1666.7 | 1721.2 | 1844.2 | 2009.3 | 1970.5 | 1765.0 | 1671.7 | 1700.6 | 1794.7 |
| 72.5° | 1388.5 | 1651.9 | 1670.9 | 1687.4 | 1760.8 | 1914.4 | 1869.8 | 1592.4 | 1383.6 | 1346.4 | 1452.9 |
| 75° | 1060.0 | 1394.3 | 1438.9 | 1410.0 | 1450.4 | 1567.7 | 1559.4 | 1342.3 | 1271.3 | 1296.1 | 1337.4 |
| 77.5° | 762.8 | 1074.8 | 1171.4 | 1077.3 | 1066.6 | 1142.5 | 1121.1 | 1139.2 | 1273.8 | 1310.1 | 1300.2 |
| 80° | 442.5 | 682.7 | 820.6 | 730.6 | 698.4 | 746.3 | 830.5 | 957.6 | 1104.6 | 1183.0 | 1197.8 |
| 82.5° | 276.6 | 402.9 | 548.1 | 513.5 | 469.7 | 553.9 | 684.4 | 773.5 | 846.2 | 918.0 | 922.1 |
| 85° | 119.7 | 172.5 | 267.5 | 280.7 | 347.5 | 422.7 | 526.7 | 552.3 | 631.5 | 686.8 | 639.0 |
| 87.5° | 4.1 | 4.1 | 64.4 | 95.8 | 170.1 | 305.4 | 413.6 | 369.8 | 374.8 | 328.6 | 306.3 |
| 90° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 92.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 97.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 100° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 102.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 105° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 107.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| 110° | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 |



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CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| 115° | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 117.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 |
| 120° | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| 122.5° | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 125° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 127.5° | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 130° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 132.5° | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 135° | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 137.5° | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 140° | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 142.5° | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 145° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 150° | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 155° | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 160° | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 165° | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 170° | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 175° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 180° | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5° | 544.8 | 543.2 | 544.0 | 541.5 | 541.5 | 542.4 | 542.4 | 539.9 | 539.9 | 539.9 | 539.1 |
| 5° | 563.8 | 562.2 | 561.4 | 559.7 | 557.2 | 558.9 | 556.4 | 554.8 | 552.3 | 551.5 | 549.0 |
| 7.5° | 588.6 | 586.1 | 585.3 | 581.2 | 577.9 | 576.2 | 574.6 | 568.8 | 566.3 | 564.7 | 561.4 |
| 10° | 617.5 | 617.5 | 615.8 | 607.6 | 605.1 | 599.3 | 593.6 | 586.9 | 582.0 | 574.6 | 570.4 |
| 12.5° | 654.6 | 657.1 | 651.3 | 643.9 | 638.1 | 626.6 | 615.8 | 606.8 | 596.9 | 586.1 | 579.5 |
| 15° | 710.0 | 711.6 | 700.0 | 693.4 | 684.4 | 671.2 | 654.6 | 639.8 | 624.9 | 610.1 | 597.7 |
| 17.5° | 791.7 | 789.2 | 772.7 | 766.1 | 750.4 | 728.1 | 705.8 | 686.0 | 663.7 | 643.1 | 627.4 |
| 20° | 909.7 | 899.8 | 856.9 | 854.4 | 834.6 | 803.2 | 771.0 | 742.1 | 712.4 | 686.0 | 659.6 |
| 22.5° | 1053.4 | 1031.1 | 999.7 | 964.2 | 926.2 | 891.6 | 853.6 | 813.1 | 776.0 | 743.0 | 714.1 |
| 25° | 1240.8 | 1191.2 | 1162.3 | 1114.5 | 1081.4 | 1020.3 | 967.5 | 935.3 | 885.0 | 847.0 | 809.8 |
| 27.5° | 1490.9 | 1412.5 | 1370.4 | 1318.4 | 1244.9 | 1202.0 | 1130.1 | 1068.2 | 1014.6 | 951.8 | 910.6 |
| 30° | 1815.3 | 1757.5 | 1651.9 | 1579.2 | 1477.7 | 1373.7 | 1285.3 | 1204.4 | 1134.3 | 1059.1 | 998.1 |
| 32.5° | 2148.8 | 2112.5 | 1988.7 | 1853.3 | 1698.9 | 1546.2 | 1416.6 | 1316.7 | 1225.1 | 1140.9 | 1070.7 |
| 35° | 2432.0 | 2356.9 | 2235.5 | 2093.5 | 1895.4 | 1718.7 | 1554.5 | 1427.3 | 1313.4 | 1208.6 | 1120.2 |
| 37.5° | 2614.4 | 2581.4 | 2458.4 | 2297.4 | 2080.3 | 1889.6 | 1719.6 | 1569.3 | 1427.3 | 1290.3 | 1176.4 |
| 40° | 2817.5 | 2798.5 | 2695.3 | 2498.0 | 2297.4 | 2063.8 | 1869.8 | 1711.3 | 1558.6 | 1395.1 | 1245.7 |
| 42.5° | 2999.1 | 3016.5 | 2910.8 | 2737.4 | 2505.5 | 2242.1 | 2035.7 | 1859.9 | 1685.7 | 1519.0 | 1346.4 |
| 45° | 3161.8 | 3193.1 | 3115.5 | 2954.6 | 2700.3 | 2412.2 | 2196.7 | 2005.2 | 1815.3 | 1632.9 | 1440.5 |
| 47.5° | 3283.9 | 3317.8 | 3252.6 | 3126.3 | 2861.3 | 2554.2 | 2337.9 | 2123.3 | 1924.3 | 1714.6 | 1510.7 |
| 50° | 3386.3 | 3406.1 | 3356.6 | 3246.0 | 2991.7 | 2692.0 | 2451.0 | 2225.6 | 2005.2 | 1779.0 | 1556.1 |
| 52.5° | 3445.7 | 3457.3 | 3408.6 | 3328.5 | 3090.8 | 2794.4 | 2539.3 | 2296.6 | 2062.2 | 1823.6 | 1585.8 |
| 55° | 3442.4 | 3482.9 | 3427.6 | 3363.2 | 3121.3 | 2843.1 | 2585.5 | 2337.1 | 2104.3 | 1852.5 | 1603.2 |
| 57.5° | 3378.0 | 3437.5 | 3411.9 | 3331.8 | 3095.7 | 2839.8 | 2592.1 | 2360.2 | 2131.5 | 1862.4 | 1594.9 |
| 60° | 3254.2 | 3335.9 | 3354.1 | 3240.2 | 2993.4 | 2749.0 | 2529.4 | 2333.8 | 2105.9 | 1818.6 | 1544.6 |
| 62.5° | 3079.2 | 3145.2 | 3192.3 | 3037.1 | 2792.8 | 2560.8 | 2389.1 | 2234.7 | 2002.7 | 1689.0 | 1440.5 |
| 65° | 2815.0 | 2845.6 | 2858.8 | 2715.2 | 2475.7 | 2321.4 | 2209.1 | 2076.2 | 1818.6 | 1504.9 | 1279.6 |
| 67.5° | 2422.1 | 2418.0 | 2431.2 | 2364.3 | 2187.6 | 2106.7 | 2032.4 | 1888.0 | 1587.5 | 1294.4 | 1069.9 |
| 70° | 1925.9 | 2011.8 | 2084.5 | 2013.5 | 1903.7 | 1822.8 | 1760.8 | 1590.0 | 1268.0 | 999.7 | 813.1 |
| 72.5° | 1567.7 | 1637.8 | 1677.5 | 1615.6 | 1509.1 | 1451.3 | 1369.5 | 1199.5 | 892.4 | 710.8 | 558.1 |
| 75° | 1324.1 | 1273.0 | 1296.9 | 1258.1 | 1159.9 | 1076.5 | 1029.4 | 842.0 | 585.3 | 470.5 | 347.5 |
| 77.5° | 1196.2 | 1114.5 | 1062.5 | 979.1 | 866.8 | 771.9 | 724.0 | 523.4 | 369.0 | 277.4 | 200.6 |
| 80° | 1057.5 | 944.4 | 809.0 | 674.5 | 577.9 | 519.3 | 486.2 | 298.8 | 203.1 | 161.0 | 115.6 |
| 82.5° | 804.1 | 697.6 | 566.3 | 468.9 | 385.5 | 336.0 | 298.0 | 170.9 | 114.7 | 85.0 | 66.0 |
| 85° | 515.1 | 474.7 | 433.4 | 385.5 | 322.8 | 259.2 | 199.8 | 124.7 | 84.2 | 48.7 | 36.3 |
| 87.5° | 248.5 | 206.4 | 204.7 | 189.0 | 180.0 | 142.0 | 84.2 | 28.9 | 18.2 | 15.7 | 9.9 |
| 90° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 92.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 97.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 100° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 102.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 105° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 107.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| 110° | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| 115° | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 117.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 |
| 120° | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| 122.5° | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 125° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 127.5° | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 130° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 132.5° | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 135° | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 137.5° | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 140° | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 142.5° | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 145° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 150° | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 155° | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 160° | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 165° | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 170° | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 175° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 180° | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 2.5° | 537.4 | 536.6 | 534.9 | 534.9 | 534.1 | 533.3 | 532.5 | 532.5 | 533.3 | 531.6 | 530.8 |
| 5° | 546.5 | 545.7 | 543.2 | 542.4 | 541.5 | 539.9 | 539.9 | 539.1 | 539.1 | 537.4 | 536.6 |
| 7.5° | 557.2 | 555.6 | 553.9 | 553.1 | 550.6 | 550.6 | 550.6 | 552.3 | 552.3 | 552.3 | 553.1 |
| 10° | 568.0 | 563.8 | 562.2 | 562.2 | 561.4 | 562.2 | 564.7 | 566.3 | 568.8 | 570.4 | 572.1 |
| 12.5° | 573.7 | 569.6 | 568.0 | 566.3 | 568.8 | 568.8 | 572.9 | 577.9 | 582.0 | 586.1 | 587.8 |
| 15° | 588.6 | 581.2 | 577.9 | 573.7 | 573.7 | 573.7 | 577.9 | 582.0 | 586.9 | 591.9 | 592.7 |
| 17.5° | 614.2 | 601.0 | 594.4 | 585.3 | 582.8 | 579.5 | 579.5 | 581.2 | 584.5 | 588.6 | 588.6 |
| 20° | 639.8 | 626.6 | 615.8 | 605.9 | 599.3 | 590.3 | 583.6 | 577.9 | 575.4 | 577.0 | 577.0 |
| 22.5° | 686.0 | 670.3 | 657.1 | 640.6 | 625.7 | 614.2 | 597.7 | 583.6 | 572.9 | 569.6 | 567.1 |
| 25° | 769.4 | 747.1 | 724.8 | 700.0 | 683.5 | 662.1 | 639.0 | 615.8 | 594.4 | 579.5 | 566.3 |
| 27.5° | 861.8 | 831.3 | 799.1 | 760.3 | 733.9 | 701.7 | 671.2 | 638.1 | 611.7 | 589.4 | 565.5 |
| 30° | 950.2 | 893.2 | 847.0 | 798.3 | 755.4 | 711.6 | 673.6 | 634.8 | 605.9 | 579.5 | 550.6 |
| 32.5° | 993.9 | 926.2 | 863.5 | 802.4 | 750.4 | 700.0 | 658.8 | 615.0 | 584.5 | 554.8 | 520.1 |
| 35° | 1024.5 | 943.6 | 868.5 | 797.5 | 738.8 | 683.5 | 636.5 | 591.1 | 554.8 | 520.9 | 481.3 |
| 37.5° | 1062.5 | 960.9 | 872.6 | 793.3 | 724.8 | 662.1 | 609.2 | 558.1 | 516.8 | 480.5 | 439.2 |
| 40° | 1112.0 | 987.3 | 877.5 | 781.8 | 703.3 | 632.4 | 577.9 | 522.6 | 478.8 | 440.0 | 402.0 |
| 42.5° | 1180.5 | 1023.7 | 883.3 | 767.7 | 679.4 | 605.1 | 549.0 | 495.3 | 449.1 | 407.8 | 369.8 |
| 45° | 1248.2 | 1065.8 | 898.2 | 763.6 | 663.7 | 587.8 | 528.3 | 471.4 | 422.7 | 378.9 | 335.2 |
| 47.5° | 1298.6 | 1097.1 | 913.9 | 766.1 | 654.6 | 569.6 | 506.0 | 442.5 | 388.0 | 340.1 | 295.5 |
| 50° | 1330.7 | 1116.9 | 927.9 | 772.7 | 646.4 | 545.7 | 470.5 | 406.2 | 350.0 | 303.0 | 258.4 |
| 52.5° | 1347.3 | 1122.7 | 932.8 | 770.2 | 624.9 | 507.7 | 432.6 | 370.7 | 317.0 | 270.8 | 231.1 |
| 55° | 1352.2 | 1116.9 | 922.1 | 747.1 | 587.8 | 469.7 | 397.9 | 339.3 | 287.3 | 243.5 | 208.0 |
| 57.5° | 1334.9 | 1092.2 | 884.1 | 700.0 | 538.2 | 433.4 | 360.8 | 303.8 | 254.3 | 215.5 | 183.3 |
| 60° | 1278.7 | 1035.2 | 817.3 | 626.6 | 482.9 | 384.7 | 312.0 | 255.9 | 215.5 | 181.6 | 159.3 |
| 62.5° | 1176.4 | 938.6 | 726.5 | 534.9 | 407.0 | 317.8 | 249.3 | 200.6 | 167.6 | 143.6 | 132.1 |
| 65° | 1048.4 | 806.5 | 590.3 | 425.1 | 311.2 | 236.9 | 179.1 | 146.9 | 123.8 | 109.8 | 104.0 |
| 67.5° | 856.9 | 630.7 | 441.7 | 303.0 | 214.6 | 161.0 | 121.4 | 104.0 | 94.1 | 90.0 | 88.3 |
| 70° | 616.7 | 437.5 | 292.2 | 196.5 | 139.5 | 109.8 | 88.3 | 80.9 | 76.8 | 76.8 | 77.6 |
| 72.5° | 406.2 | 269.9 | 178.3 | 125.5 | 99.1 | 82.6 | 71.8 | 68.5 | 68.5 | 70.2 | 71.0 |
| 75° | 237.8 | 156.8 | 109.8 | 91.6 | 78.4 | 69.3 | 63.6 | 61.1 | 61.1 | 61.9 | 61.9 |
| 77.5° | 140.3 | 96.6 | 78.4 | 69.3 | 63.6 | 59.4 | 56.1 | 52.8 | 52.0 | 52.0 | 54.5 |
| 80° | 86.7 | 68.5 | 61.1 | 55.3 | 51.2 | 47.9 | 44.6 | 44.6 | 44.6 | 43.8 | 45.4 |
| 82.5° | 56.1 | 48.7 | 47.9 | 46.2 | 41.3 | 38.0 | 34.7 | 34.7 | 36.3 | 34.7 | 35.5 |
| 85° | 33.8 | 32.2 | 31.4 | 31.4 | 29.7 | 28.1 | 25.6 | 25.6 | 28.1 | 27.2 | 23.9 |
| 87.5° | 9.1 | 8.3 | 10.7 | 9.9 | 11.6 | 11.6 | 11.6 | 13.2 | 17.3 | 22.3 | 16.5 |
| 90° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 92.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 95° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 97.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 100° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 102.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 105° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 107.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| 110° | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 |



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 CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 0° |
| 115° | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 2.5° |
| 117.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 5° |
| 120° | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 7.5° |
| 122.5° | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 10° |
| 125° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 12.5° |
| 127.5° | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 15° |
| 130° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 17.5° |
| 132.5° | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 20° |
| 135° | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 22.5° |
| 137.5° | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 25° |
| 140° | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 27.5° |
| 142.5° | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 30° |
| 145° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5° |
| 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35° |
| 150° | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5° |
| 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40° |
| 155° | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5° |
| 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45° |
| 160° | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5° |
| 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50° |
| 165° | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5° |
| 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55° |
| 170° | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5° |
| 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60° |
| 175° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5° |
| 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65° |
| 180° | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5° |
| | | | | | | | | | | | | 70° |
| | | | | | | | | | | | | 72.5° |
| | | | | | | | | | | | | 75° |
| | | | | | | | | | | | | 77.5° |
| | | | | | | | | | | | | 80° |
| | | | | | | | | | | | | 82.5° |
| | | | | | | | | | | | | 85° |
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| | | | | | | | | | | | | 90° |
| | | | | | | | | | | | | 92.5° |
| | | | | | | | | | | | | 95° |
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| | | | | | | | | | | | | 102.5° |
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| | | | | | | | | | | | | 107.5° |
| | | | | | | | | | | | | 110° |

NUMBER: P160082
 NUMBER: ENT-F02-LED-E1-SLL-ULG

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

| 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° | 165° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 112.5° | 21.2 |
| 530.0 | 530.8 | 529.2 | 528.3 | 529.2 | 530.0 | 527.5 | 526.7 | 525.9 | 525.0 | 525.9 | 115° | 25.0 |
| 535.8 | 535.8 | 533.3 | 531.6 | 531.6 | 530.8 | 528.3 | 527.5 | 524.2 | 523.4 | 525.9 | 117.5° | 29.5 |
| 552.3 | 551.5 | 549.0 | 546.5 | 545.7 | 545.7 | 539.9 | 537.4 | 535.8 | 530.8 | 531.6 | 120° | 34.8 |
| 571.3 | 571.3 | 572.1 | 568.8 | 564.7 | 563.8 | 557.2 | 553.1 | 550.6 | 546.5 | 544.8 | 122.5° | 40.9 |
| 586.1 | 583.6 | 582.8 | 577.9 | 573.7 | 572.1 | 566.3 | 563.0 | 559.7 | 555.6 | 554.8 | 125° | 47.8 |
| 591.1 | 586.1 | 582.8 | 577.0 | 572.1 | 568.8 | 563.8 | 560.5 | 556.4 | 553.9 | 552.3 | 127.5° | 55.3 |
| 586.1 | 581.2 | 576.2 | 569.6 | 563.0 | 558.9 | 553.1 | 548.1 | 546.5 | 543.2 | 538.2 | 130° | 63.0 |
| 575.4 | 569.6 | 563.8 | 555.6 | 548.1 | 542.4 | 535.8 | 531.6 | 526.7 | 521.7 | 511.8 | 132.5° | 70.5 |
| 562.2 | 555.6 | 549.8 | 539.1 | 531.6 | 525.0 | 517.6 | 511.0 | 505.2 | 495.3 | 480.5 | 135° | 77.9 |
| 553.1 | 539.1 | 529.2 | 514.3 | 506.0 | 497.8 | 494.5 | 487.9 | 479.6 | 462.3 | 444.1 | 137.5° | 85.3 |
| 539.9 | 514.3 | 496.1 | 481.3 | 469.7 | 459.8 | 454.0 | 446.6 | 438.4 | 421.8 | 402.9 | 140° | 92.5 |
| 517.6 | 487.9 | 470.5 | 454.9 | 441.7 | 430.9 | 420.2 | 406.2 | 395.4 | 376.4 | 363.2 | 142.5° | 99.2 |
| 483.8 | 459.0 | 443.3 | 428.4 | 411.1 | 397.1 | 383.9 | 367.4 | 351.7 | 332.7 | 321.1 | 145° | 104.9 |
| 445.8 | 423.5 | 403.7 | 388.0 | 369.8 | 355.8 | 341.8 | 322.8 | 307.9 | 290.6 | 279.9 | 147.5° | 110.1 |
| 406.2 | 382.2 | 359.1 | 340.9 | 324.4 | 308.7 | 296.4 | 278.2 | 262.5 | 246.0 | 240.2 | 150° | 115.1 |
| 370.7 | 343.4 | 318.7 | 300.5 | 282.3 | 266.6 | 253.4 | 234.4 | 221.2 | 209.7 | 203.1 | 152.5° | 119.7 |
| 336.0 | 307.1 | 284.0 | 265.0 | 246.8 | 230.3 | 213.0 | 198.1 | 186.6 | 181.6 | 172.5 | 155° | 123.7 |
| 297.2 | 267.5 | 245.2 | 224.5 | 209.7 | 192.3 | 179.1 | 169.2 | 161.8 | 157.7 | 151.9 | 157.5° | 127.0 |
| 257.6 | 232.8 | 209.7 | 190.7 | 172.5 | 157.7 | 149.4 | 144.5 | 142.0 | 138.7 | 136.2 | 160° | 130.3 |
| 225.4 | 203.9 | 180.8 | 162.6 | 146.1 | 135.4 | 131.3 | 128.8 | 127.1 | 125.5 | 124.7 | 162.5° | 133.5 |
| 203.1 | 180.0 | 159.3 | 142.0 | 129.6 | 123.8 | 122.2 | 120.5 | 118.9 | 118.1 | 117.2 | 165° | 136.0 |
| 185.7 | 162.6 | 143.6 | 128.8 | 119.7 | 118.1 | 117.2 | 115.6 | 113.9 | 113.9 | 112.3 | 167.5° | 137.1 |
| 165.1 | 145.3 | 128.8 | 118.1 | 113.1 | 112.3 | 111.4 | 110.6 | 109.8 | 109.8 | 109.0 | 170° | 137.4 |
| 143.6 | 128.8 | 118.1 | 110.6 | 109.0 | 107.3 | 105.7 | 104.0 | 103.2 | 104.8 | 105.7 | 172.5° | 138.6 |
| 122.2 | 113.1 | 106.5 | 104.0 | 102.4 | 99.9 | 98.2 | 96.6 | 96.6 | 98.2 | 100.7 | 175° | 140.5 |
| 101.5 | 98.2 | 96.6 | 94.9 | 94.1 | 93.3 | 91.6 | 90.0 | 90.0 | 90.0 | 91.6 | 177.5° | 141.1 |
| 87.5 | 85.9 | 85.9 | 85.0 | 84.2 | 84.2 | 82.6 | 80.9 | 80.9 | 80.9 | 80.9 | 180° | 140.8 |
| 76.8 | 77.6 | 77.6 | 77.6 | 76.8 | 75.9 | 75.1 | 73.5 | 72.6 | 71.0 | 69.3 | | |
| 71.0 | 70.2 | 69.3 | 68.5 | 67.7 | 66.9 | 66.0 | 65.2 | 63.6 | 61.9 | 60.3 | | |
| 63.6 | 61.9 | 59.4 | 58.6 | 57.8 | 56.1 | 56.1 | 55.3 | 53.7 | 51.2 | 49.5 | | |
| 55.3 | 53.7 | 51.2 | 49.5 | 49.5 | 48.7 | 47.1 | 46.2 | 43.8 | 41.3 | 39.6 | | |
| 44.6 | 42.1 | 39.6 | 38.8 | 38.0 | 37.1 | 36.3 | 35.5 | 34.7 | 32.2 | 31.4 | | |
| 33.0 | 30.5 | 28.1 | 27.2 | 26.4 | 24.8 | 23.9 | 23.9 | 23.9 | 21.5 | 19.8 | | |
| 21.5 | 18.2 | 15.7 | 13.2 | 13.2 | 12.4 | 10.7 | 9.1 | 7.4 | 5.0 | 3.3 | | |
| 10.7 | 5.8 | 3.3 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | | |
| 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | |
| 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | | |
| 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | | |
| 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | | |
| 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | | |
| 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | | |

'160082
 ENT-F02-LED-E1-SLL-ULG

REPORT NUMBER: P160082
 CATALOG NUMBER: ENT-F02-I

TION (continued):

CANDELA DISTRIBUTION (con

| 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° | | 220° | 225° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 0° | 535.8 | 535.8 |
| 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 2.5° | 525.9 | 525.0 |
| 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 5° | 525.9 | 520.9 |
| 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 7.5° | 528.3 | 524.2 |
| 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 10° | 539.1 | 532.5 |
| 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 12.5° | 548.1 | 540.7 |
| 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 15° | 547.3 | 536.6 |
| 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 17.5° | 530.0 | 517.6 |
| 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 20° | 501.1 | 484.6 |
| 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 22.5° | 463.9 | 448.3 |
| 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 25° | 427.6 | 409.5 |
| 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 27.5° | 387.2 | 371.5 |
| 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 30° | 345.9 | 331.9 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5° | 306.3 | 293.1 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35° | 266.6 | 253.4 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5° | 228.7 | 216.3 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40° | 193.2 | 184.1 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5° | 167.6 | 159.3 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45° | 146.9 | 140.3 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5° | 132.1 | 127.1 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50° | 121.4 | 117.2 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5° | 114.7 | 111.4 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55° | 109.8 | 107.3 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5° | 106.5 | 103.2 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60° | 102.4 | 99.9 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5° | 98.2 | 94.9 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65° | 90.8 | 86.7 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5° | 80.1 | 76.8 |
| | | | | | | | | | | 70° | 67.7 | 66.9 |
| | | | | | | | | | | 72.5° | 57.0 | 56.1 |
| | | | | | | | | | | 75° | 47.9 | 47.9 |
| | | | | | | | | | | 77.5° | 39.6 | 38.8 |
| | | | | | | | | | | 80° | 30.5 | 28.9 |
| | | | | | | | | | | 82.5° | 17.3 | 16.5 |
| | | | | | | | | | | 85° | 2.5 | 1.7 |
| | | | | | | | | | | 87.5° | 0.0 | 0.0 |
| | | | | | | | | | | 90° | 0.1 | 0.1 |
| | | | | | | | | | | 92.5° | 0.1 | 0.1 |
| | | | | | | | | | | 95° | 0.5 | 0.5 |
| | | | | | | | | | | 97.5° | 1.5 | 1.5 |
| | | | | | | | | | | 100° | 5.0 | 5.0 |
| | | | | | | | | | | 102.5° | 8.8 | 8.8 |
| | | | | | | | | | | 105° | 11.8 | 11.8 |
| | | | | | | | | | | 107.5° | 14.7 | 14.7 |
| | | | | | | | | | | 110° | 17.8 | 17.8 |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL

.ED-E1-SLL-ULG

tinued):

CANDELA DISTRIBUTION (continued):

| 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° | | 220° | 225° | 230° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 112.5° | 21.2 | 21.2 | 21.2 |
| 525.9 | 526.7 | 530.0 | 531.6 | 532.5 | 532.5 | 533.3 | 534.9 | 535.8 | 115° | 25.0 | 25.0 | 25.0 |
| 520.9 | 522.6 | 524.2 | 526.7 | 527.5 | 527.5 | 528.3 | 530.8 | 533.3 | 117.5° | 29.5 | 29.5 | 29.5 |
| 521.7 | 520.9 | 521.7 | 523.4 | 523.4 | 523.4 | 524.2 | 526.7 | 529.2 | 120° | 34.8 | 34.8 | 34.8 |
| 528.3 | 523.4 | 520.1 | 519.3 | 518.4 | 518.4 | 520.1 | 523.4 | 525.9 | 122.5° | 40.9 | 40.9 | 40.9 |
| 534.1 | 527.5 | 520.9 | 516.8 | 513.5 | 511.8 | 512.7 | 516.0 | 520.9 | 125° | 47.8 | 47.8 | 47.8 |
| 529.2 | 519.3 | 511.8 | 506.0 | 501.1 | 499.4 | 500.3 | 502.7 | 508.5 | 127.5° | 55.3 | 55.3 | 55.3 |
| 507.7 | 497.0 | 488.7 | 484.6 | 482.1 | 481.3 | 482.9 | 487.9 | 492.8 | 130° | 63.0 | 63.0 | 63.0 |
| 477.2 | 471.4 | 463.9 | 461.5 | 456.5 | 456.5 | 455.7 | 455.7 | 458.2 | 132.5° | 70.5 | 70.5 | 70.5 |
| 443.3 | 440.0 | 432.6 | 426.8 | 421.0 | 420.2 | 414.4 | 415.2 | 414.4 | 135° | 77.9 | 77.9 | 77.9 |
| 404.5 | 400.4 | 391.3 | 383.0 | 376.4 | 372.3 | 365.7 | 364.9 | 362.4 | 137.5° | 85.3 | 85.3 | 85.3 |
| 365.7 | 359.1 | 348.4 | 340.1 | 331.9 | 326.1 | 320.3 | 314.5 | 312.9 | 140° | 92.5 | 92.5 | 92.5 |
| 326.1 | 320.3 | 307.9 | 300.5 | 288.9 | 280.7 | 275.7 | 267.5 | 263.3 | 142.5° | 99.2 | 99.2 | 99.2 |
| 287.3 | 280.7 | 266.6 | 252.6 | 244.4 | 234.4 | 227.0 | 216.3 | 211.3 | 145° | 104.9 | 104.9 | 104.9 |
| 244.4 | 240.2 | 226.2 | 211.3 | 203.9 | 190.7 | 181.6 | 172.5 | 170.9 | 147.5° | 110.1 | 110.1 | 110.1 |
| 209.7 | 200.6 | 189.9 | 178.3 | 165.9 | 158.5 | 154.4 | 152.7 | 151.9 | 150° | 115.1 | 115.1 | 115.1 |
| 177.5 | 171.7 | 161.8 | 153.5 | 147.8 | 146.1 | 146.1 | 146.1 | 146.9 | 152.5° | 119.7 | 119.7 | 119.7 |
| 156.0 | 148.6 | 143.6 | 141.2 | 141.2 | 142.0 | 142.8 | 144.5 | 146.1 | 155° | 123.7 | 123.7 | 123.7 |
| 137.9 | 135.4 | 135.4 | 134.6 | 136.2 | 137.9 | 140.3 | 142.8 | 144.5 | 157.5° | 127.0 | 127.0 | 127.0 |
| 125.5 | 126.3 | 128.0 | 128.8 | 132.1 | 134.6 | 137.0 | 138.7 | 140.3 | 160° | 130.3 | 130.3 | 130.3 |
| 115.6 | 116.4 | 118.1 | 120.5 | 123.0 | 126.3 | 128.8 | 130.4 | 131.3 | 162.5° | 133.5 | 133.5 | 133.5 |
| 109.8 | 109.8 | 112.3 | 114.7 | 118.1 | 120.5 | 123.0 | 123.8 | 125.5 | 165° | 136.0 | 136.0 | 136.0 |
| 104.8 | 105.7 | 108.1 | 109.8 | 111.4 | 113.1 | 114.7 | 115.6 | 118.9 | 167.5° | 137.1 | 137.1 | 137.1 |
| 101.5 | 102.4 | 103.2 | 101.5 | 103.2 | 104.8 | 106.5 | 108.1 | 109.8 | 170° | 137.4 | 137.4 | 137.4 |
| 97.4 | 95.8 | 94.1 | 94.1 | 94.9 | 96.6 | 99.9 | 102.4 | 104.8 | 172.5° | 138.6 | 138.6 | 138.6 |
| 92.5 | 90.0 | 87.5 | 86.7 | 87.5 | 89.2 | 92.5 | 95.8 | 97.4 | 175° | 140.5 | 140.5 | 140.5 |
| 84.2 | 83.4 | 82.6 | 81.7 | 82.6 | 84.2 | 87.5 | 90.0 | 92.5 | 177.5° | 141.1 | 141.1 | 141.1 |
| 75.9 | 75.1 | 74.3 | 75.1 | 75.9 | 77.6 | 80.9 | 83.4 | 85.9 | 180° | 140.8 | 140.8 | 140.8 |
| 66.0 | 66.0 | 66.0 | 66.9 | 67.7 | 71.0 | 73.5 | 76.8 | 77.6 | | | | |
| 55.3 | 57.0 | 57.0 | 57.0 | 58.6 | 62.7 | 66.0 | 69.3 | 71.0 | | | | |
| 47.1 | 46.2 | 47.9 | 47.9 | 49.5 | 52.8 | 55.3 | 57.8 | 58.6 | | | | |
| 38.0 | 38.0 | 38.8 | 38.8 | 38.8 | 40.5 | 42.1 | 42.1 | 42.1 | | | | |
| 28.1 | 27.2 | 26.4 | 24.8 | 24.8 | 25.6 | 25.6 | 25.6 | 27.2 | | | | |
| 13.2 | 10.7 | 10.7 | 9.9 | 9.1 | 9.1 | 9.1 | 10.7 | 11.6 | | | | |
| 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 1.7 | 1.7 | | | | |
| 0.0 | 0.8 | 0.8 | 0.8 | 1.7 | 1.7 | 1.7 | 2.5 | 2.5 | | | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | |
| 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | | | | |
| 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | |
| 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | | | | |
| 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | | | | |
| 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | | | | |
| 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | | | | |
| 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | | | | |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

-ULG

CANDELA DISTRIBUTION (continued):

| 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° | | 275° | 280° | 285° | 290° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 0° | 535.8 | 535.8 | 535.8 | 535.8 |
| 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 2.5° | 534.9 | 536.6 | 536.6 | 538.2 |
| 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 5° | 533.3 | 534.9 | 535.8 | 538.2 |
| 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 7.5° | 530.8 | 534.1 | 535.8 | 539.1 |
| 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 10° | 528.3 | 533.3 | 536.6 | 542.4 |
| 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 12.5° | 525.9 | 530.8 | 536.6 | 542.4 |
| 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 15° | 513.5 | 518.4 | 526.7 | 534.9 |
| 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 17.5° | 495.3 | 500.3 | 506.9 | 514.3 |
| 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 20° | 460.6 | 462.3 | 468.9 | 477.2 |
| 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 22.5° | 411.9 | 411.1 | 414.4 | 423.5 |
| 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 25° | 356.6 | 359.9 | 357.5 | 368.2 |
| 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 27.5° | 305.4 | 307.9 | 311.2 | 316.2 |
| 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 30° | 256.7 | 255.9 | 258.4 | 262.5 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5° | 206.4 | 205.6 | 206.4 | 210.5 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35° | 169.2 | 166.8 | 169.2 | 175.0 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5° | 152.7 | 152.7 | 155.2 | 159.3 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40° | 147.8 | 148.6 | 150.2 | 153.5 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5° | 146.9 | 146.9 | 146.9 | 148.6 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45° | 145.3 | 144.5 | 144.5 | 144.5 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5° | 141.2 | 140.3 | 140.3 | 140.3 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50° | 132.1 | 132.9 | 132.9 | 133.7 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5° | 126.3 | 128.0 | 128.8 | 130.4 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55° | 120.5 | 123.8 | 126.3 | 128.0 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5° | 111.4 | 114.7 | 117.2 | 121.4 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60° | 106.5 | 108.1 | 109.0 | 111.4 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5° | 99.9 | 101.5 | 103.2 | 104.0 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65° | 94.1 | 95.8 | 98.2 | 99.1 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5° | 87.5 | 90.0 | 91.6 | 92.5 |
| | | | | | | | | 70° | 80.1 | 83.4 | 84.2 | 85.9 |
| | | | | | | | | 72.5° | 72.6 | 74.3 | 75.1 | 76.8 |
| | | | | | | | | 75° | 61.1 | 63.6 | 65.2 | 66.0 |
| | | | | | | | | 77.5° | 45.4 | 47.9 | 50.4 | 52.8 |
| | | | | | | | | 80° | 28.9 | 31.4 | 33.0 | 34.7 |
| | | | | | | | | 82.5° | 13.2 | 15.7 | 16.5 | 18.2 |
| | | | | | | | | 85° | 2.5 | 2.5 | 2.5 | 3.3 |
| | | | | | | | | 87.5° | 2.5 | 3.3 | 3.3 | 3.3 |
| | | | | | | | | 90° | 0.1 | 0.1 | 0.1 | 0.1 |
| | | | | | | | | 92.5° | 0.1 | 0.1 | 0.1 | 0.1 |
| | | | | | | | | 95° | 0.5 | 0.5 | 0.5 | 0.5 |
| | | | | | | | | 97.5° | 1.5 | 1.5 | 1.5 | 1.5 |
| | | | | | | | | 100° | 5.0 | 5.0 | 5.0 | 5.0 |
| | | | | | | | | 102.5° | 8.8 | 8.8 | 8.8 | 8.8 |
| | | | | | | | | 105° | 11.8 | 11.8 | 11.8 | 11.8 |
| | | | | | | | | 107.5° | 14.7 | 14.7 | 14.7 | 14.7 |
| | | | | | | | | 110° | 17.8 | 17.8 | 17.8 | 17.8 |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| 295° | 300° | 305° | 310° | 315° | 320° | 325° | | 275° | 280° | 285° | 290° | 295° |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 112.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| 538.2 | 539.1 | 540.7 | 540.7 | 542.4 | 542.4 | 544.0 | 115° | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 539.9 | 541.5 | 544.0 | 544.8 | 548.1 | 549.8 | 551.5 | 117.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 |
| 542.4 | 544.8 | 548.1 | 550.6 | 554.8 | 557.2 | 559.7 | 120° | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| 546.5 | 550.6 | 556.4 | 558.9 | 562.2 | 568.0 | 572.1 | 122.5° | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 552.3 | 558.1 | 565.5 | 572.1 | 576.2 | 584.5 | 591.1 | 125° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 544.0 | 556.4 | 565.5 | 577.9 | 588.6 | 602.6 | 614.2 | 127.5° | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 524.2 | 535.8 | 551.5 | 567.1 | 583.6 | 607.6 | 630.7 | 130° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 487.9 | 501.1 | 519.3 | 539.1 | 563.0 | 594.4 | 627.4 | 132.5° | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 435.1 | 446.6 | 466.4 | 488.7 | 516.0 | 554.8 | 602.6 | 135° | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 378.9 | 394.6 | 413.6 | 437.5 | 468.1 | 514.3 | 565.5 | 137.5° | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 325.3 | 341.8 | 362.4 | 388.8 | 424.3 | 473.9 | 532.5 | 140° | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 269.9 | 288.9 | 307.9 | 340.9 | 376.4 | 428.4 | 493.7 | 142.5° | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 220.4 | 234.4 | 257.6 | 287.3 | 328.6 | 379.7 | 449.1 | 145° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 180.8 | 192.3 | 214.6 | 243.5 | 280.7 | 331.0 | 391.3 | 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 165.1 | 174.2 | 189.9 | 210.5 | 243.5 | 292.2 | 343.4 | 150° | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 159.3 | 167.6 | 179.1 | 197.3 | 222.9 | 260.0 | 303.8 | 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 153.5 | 161.8 | 175.0 | 191.5 | 213.0 | 239.4 | 276.6 | 155° | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 148.6 | 157.7 | 171.7 | 189.9 | 209.7 | 232.8 | 261.7 | 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 143.6 | 151.9 | 165.9 | 186.6 | 208.0 | 232.8 | 261.7 | 160° | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 136.2 | 144.5 | 159.3 | 180.8 | 204.7 | 232.0 | 265.0 | 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 132.1 | 139.5 | 155.2 | 179.1 | 204.7 | 234.4 | 269.9 | 165° | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 129.6 | 136.2 | 154.4 | 181.6 | 211.3 | 246.0 | 284.8 | 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 125.5 | 132.9 | 151.9 | 182.4 | 219.6 | 262.5 | 311.2 | 170° | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 113.9 | 123.0 | 143.6 | 176.7 | 217.1 | 269.9 | 334.3 | 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 104.8 | 110.6 | 128.0 | 162.6 | 204.7 | 261.7 | 338.5 | 175° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 100.7 | 104.0 | 115.6 | 143.6 | 184.9 | 246.0 | 326.1 | 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 94.9 | 96.6 | 104.8 | 127.1 | 158.5 | 217.9 | 295.5 | 180° | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |
| 87.5 | 88.3 | 94.9 | 109.0 | 132.1 | 173.4 | 246.8 | | | | | | |
| 78.4 | 80.1 | 84.2 | 94.1 | 109.0 | 132.9 | 179.1 | | | | | | |
| 67.7 | 68.5 | 70.2 | 76.8 | 85.9 | 102.4 | 127.1 | | | | | | |
| 54.5 | 54.5 | 56.1 | 59.4 | 64.4 | 75.9 | 90.8 | | | | | | |
| 35.5 | 38.0 | 39.6 | 45.4 | 47.1 | 55.3 | 64.4 | | | | | | |
| 20.6 | 22.3 | 23.1 | 24.8 | 28.9 | 33.0 | 39.6 | | | | | | |
| 3.3 | 5.0 | 5.0 | 6.6 | 8.3 | 9.1 | 10.7 | | | | | | |
| 4.1 | 4.1 | 4.1 | 4.1 | 5.0 | 5.0 | 5.0 | | | | | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | | | |
| 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | | | |
| 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | | | | | | |
| 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |
| 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | | | | | | |
| 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | | | | | | |
| 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | | | | | | |
| 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | | | | | | |
| 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | | | | | | |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| 300° | 305° | 310° | 315° | 320° | 325° | | 330° | 335° | 340° | 345° | 350° | 355° |
|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|
| 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 0° | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 | 535.8 |
| 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 2.5° | 544.8 | 544.0 | 545.7 | 547.3 | 546.5 | 551.5 |
| 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 5° | 553.9 | 553.1 | 555.6 | 557.2 | 558.1 | 561.4 |
| 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 7.5° | 563.0 | 563.8 | 568.0 | 568.8 | 571.3 | 575.4 |
| 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 10° | 573.7 | 577.9 | 582.8 | 584.5 | 588.6 | 593.6 |
| 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 12.5° | 595.2 | 601.0 | 607.6 | 612.5 | 620.8 | 630.7 |
| 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 15° | 624.9 | 639.0 | 649.7 | 659.6 | 672.0 | 683.5 |
| 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 17.5° | 651.3 | 678.6 | 701.7 | 722.3 | 742.1 | 760.3 |
| 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 20° | 663.7 | 706.6 | 743.0 | 780.9 | 818.9 | 844.5 |
| 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 22.5° | 652.2 | 712.4 | 768.6 | 829.7 | 887.4 | 939.4 |
| 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 25° | 627.4 | 701.7 | 785.1 | 872.6 | 960.1 | 1039.3 |
| 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 27.5° | 604.3 | 695.1 | 791.7 | 891.6 | 995.6 | 1090.5 |
| 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 30° | 573.7 | 672.8 | 778.5 | 881.7 | 994.8 | 1106.2 |
| 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 32.5° | 528.3 | 629.0 | 740.5 | 852.8 | 978.2 | 1102.1 |
| 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 35° | 474.7 | 575.4 | 689.3 | 807.4 | 946.9 | 1086.4 |
| 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 37.5° | 416.1 | 515.1 | 634.0 | 760.3 | 904.8 | 1060.8 |
| 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 40° | 366.5 | 454.9 | 577.9 | 714.9 | 866.8 | 1028.6 |
| 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 42.5° | 326.9 | 407.0 | 523.4 | 662.1 | 824.7 | 991.5 |
| 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 45° | 303.8 | 370.7 | 477.2 | 615.0 | 780.9 | 952.7 |
| 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 47.5° | 298.8 | 352.5 | 445.8 | 579.5 | 738.8 | 911.4 |
| 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 50° | 303.8 | 353.3 | 431.7 | 557.2 | 706.6 | 874.2 |
| 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 52.5° | 313.7 | 361.6 | 433.4 | 549.0 | 693.4 | 851.9 |
| 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 55° | 329.4 | 383.9 | 450.7 | 556.4 | 691.8 | 842.9 |
| 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 57.5° | 360.8 | 422.7 | 490.4 | 586.9 | 711.6 | 852.8 |
| 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 60° | 400.4 | 474.7 | 556.4 | 658.8 | 759.5 | 885.8 |
| 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 62.5° | 424.3 | 525.9 | 638.1 | 757.0 | 860.2 | 963.4 |
| 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 65° | 421.8 | 547.3 | 705.8 | 875.1 | 1003.8 | 1102.9 |
| 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 67.5° | 394.6 | 531.6 | 689.3 | 881.7 | 1075.7 | 1215.2 |
| | | | | | | 70° | 329.4 | 457.3 | 641.4 | 873.4 | 1112.0 | 1291.1 |
| | | | | | | 72.5° | 262.5 | 375.6 | 551.5 | 770.2 | 1005.5 | 1188.8 |
| | | | | | | 75° | 175.0 | 265.0 | 407.0 | 591.1 | 762.0 | 921.3 |
| | | | | | | 77.5° | 118.9 | 167.6 | 254.3 | 388.0 | 529.2 | 659.6 |
| | | | | | | 80° | 79.3 | 104.8 | 145.3 | 213.8 | 296.4 | 379.7 |
| | | | | | | 82.5° | 46.2 | 57.8 | 74.3 | 105.7 | 156.8 | 221.2 |
| | | | | | | 85° | 12.4 | 15.7 | 20.6 | 27.2 | 48.7 | 85.9 |
| | | | | | | 87.5° | 5.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| | | | | | | 90° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| | | | | | | 92.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| | | | | | | 95° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| | | | | | | 97.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | | | | | | 100° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| | | | | | | 102.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| | | | | | | 105° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| | | | | | | 107.5° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| | | | | | | 110° | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 | 17.8 |



REPORT NUMBER: P160082

CATALOG NUMBER: ENT-F02-LED-E1-SLL-ULG

CANDELA DISTRIBUTION (continued):

| 360° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 535.8 | 112.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| 547.3 | 115° | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 560.5 | 117.5° | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 |
| 576.2 | 120° | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| 600.2 | 122.5° | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 634.8 | 125° | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 696.7 | 127.5° | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 776.8 | 130° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 875.1 | 132.5° | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 985.7 | 135° | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 1112.0 | 137.5° | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 1189.6 | 140° | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 1206.1 | 142.5° | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 1217.6 | 145° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 1221.0 | 147.5° | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 1216.0 | 150° | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 | 115.1 |
| 1196.2 | 152.5° | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 | 119.7 |
| 1170.6 | 155° | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 | 123.7 |
| 1138.4 | 157.5° | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 | 127.0 |
| 1098.8 | 160° | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 | 130.3 |
| 1061.6 | 162.5° | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 | 133.5 |
| 1032.7 | 165° | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 |
| 1014.6 | 167.5° | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 | 137.1 |
| 1017.0 | 170° | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 | 137.4 |
| 1042.6 | 172.5° | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 | 138.6 |
| 1107.0 | 175° | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 | 140.5 |
| 1229.2 | 177.5° | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 | 141.1 |
| 1348.9 | 180° | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 | 140.8 |
| 1464.5 | | | | | | | | |
| 1388.5 | | | | | | | | |
| 1060.0 | | | | | | | | |
| 762.8 | | | | | | | | |
| 442.5 | | | | | | | | |
| 276.6 | | | | | | | | |
| 119.7 | | | | | | | | |
| 4.1 | | | | | | | | |
| 0.1 | | | | | | | | |
| 0.1 | | | | | | | | |
| 0.5 | | | | | | | | |
| 1.5 | | | | | | | | |
| 5.0 | | | | | | | | |
| 8.8 | | | | | | | | |
| 11.8 | | | | | | | | |
| 14.7 | | | | | | | | |
| 17.8 | | | | | | | | |

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