

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: P141956

Luminaire Tested: **CEM-F02-LED-E-U-T3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141956
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33683)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CEM-F02-LED-E-U-T3-7050
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA
Light Source: (14) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4974.5 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

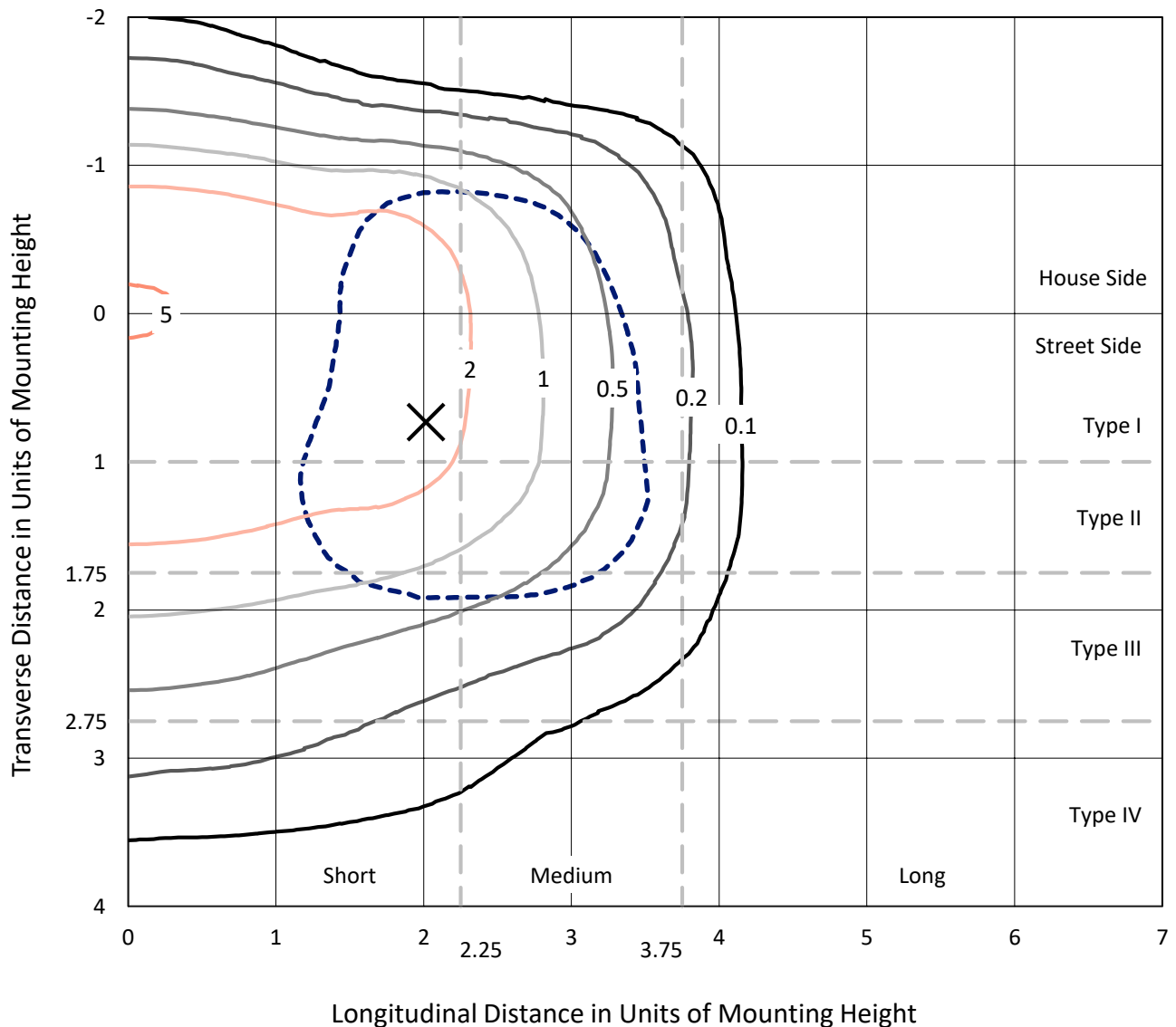
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P141956
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Iso-Footcandle Lines of Horizontal Illumination

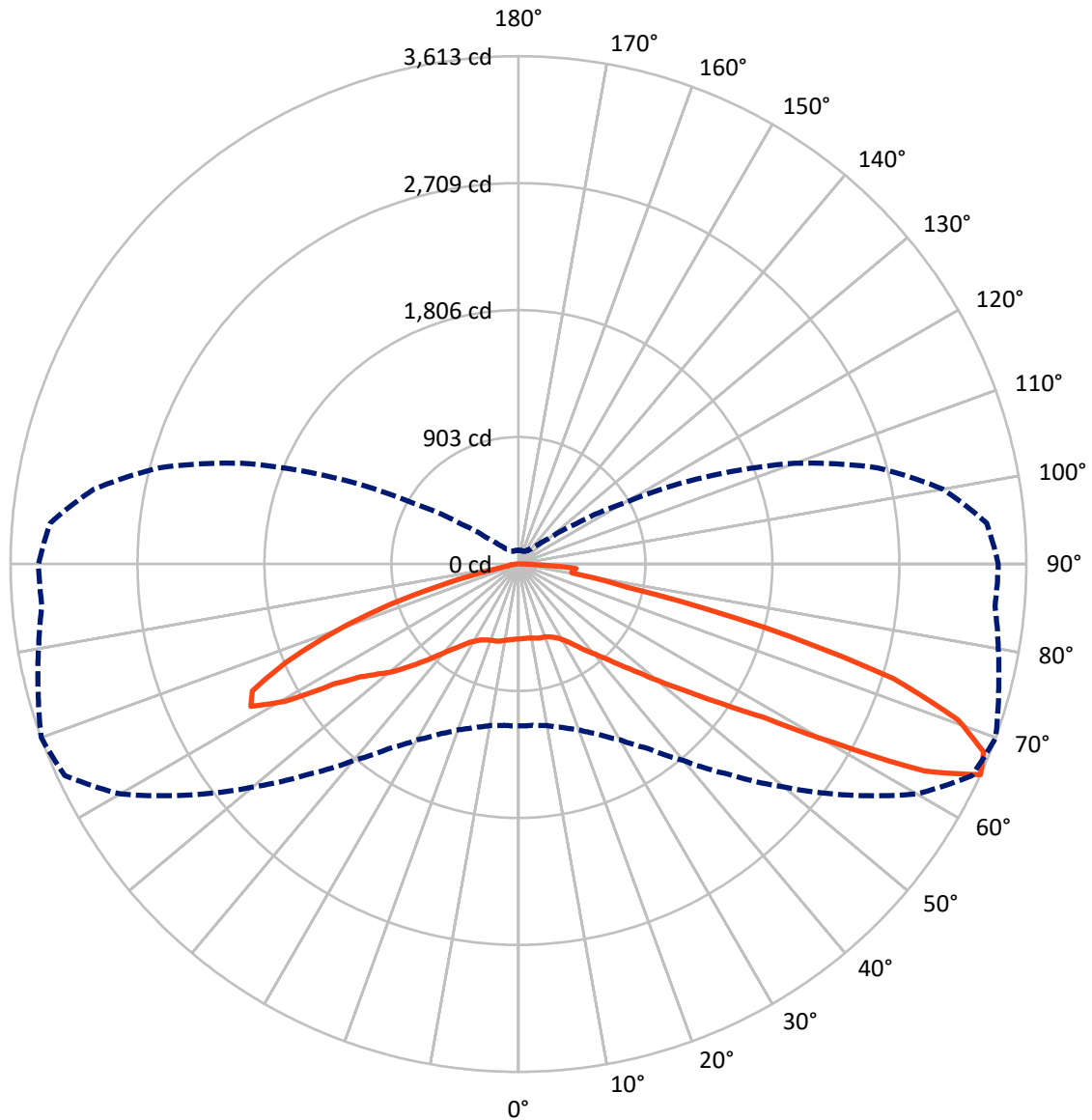
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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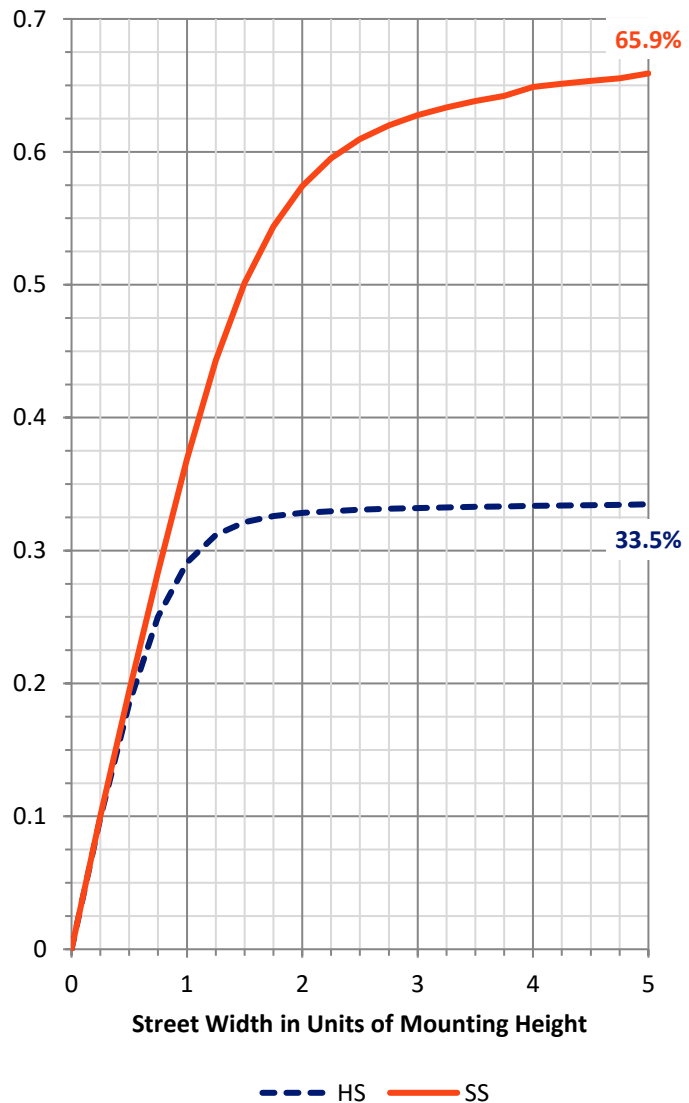
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1679.2 | 0.0 | 1679.2 |
| | % Fixture | 33.8 | 0.0 | 33.8 |
| Street Side | Lumens | 3295.2 | 0.0 | 3295.2 |
| | % Fixture | 66.2 | 0.0 | 66.2 |
| Total | Lumens | 4974.5 | 0.0 | 4974.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 51.3 | 1.0 |
| 10°-20° | 152.0 | 3.1 |
| 20°-30° | 261.3 | 5.3 |
| 30°-40° | 418.8 | 8.4 |
| 40°-50° | 685.7 | 13.8 |
| 50°-60° | 1073.3 | 21.6 |
| 60°-70° | 1508.4 | 30.3 |
| 70°-80° | 713.8 | 14.4 |
| 80°-90° | 109.7 | 2.2 |
| 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° | 4974.5 | 100.0 |
| 0°-180° | 4974.5 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P141956

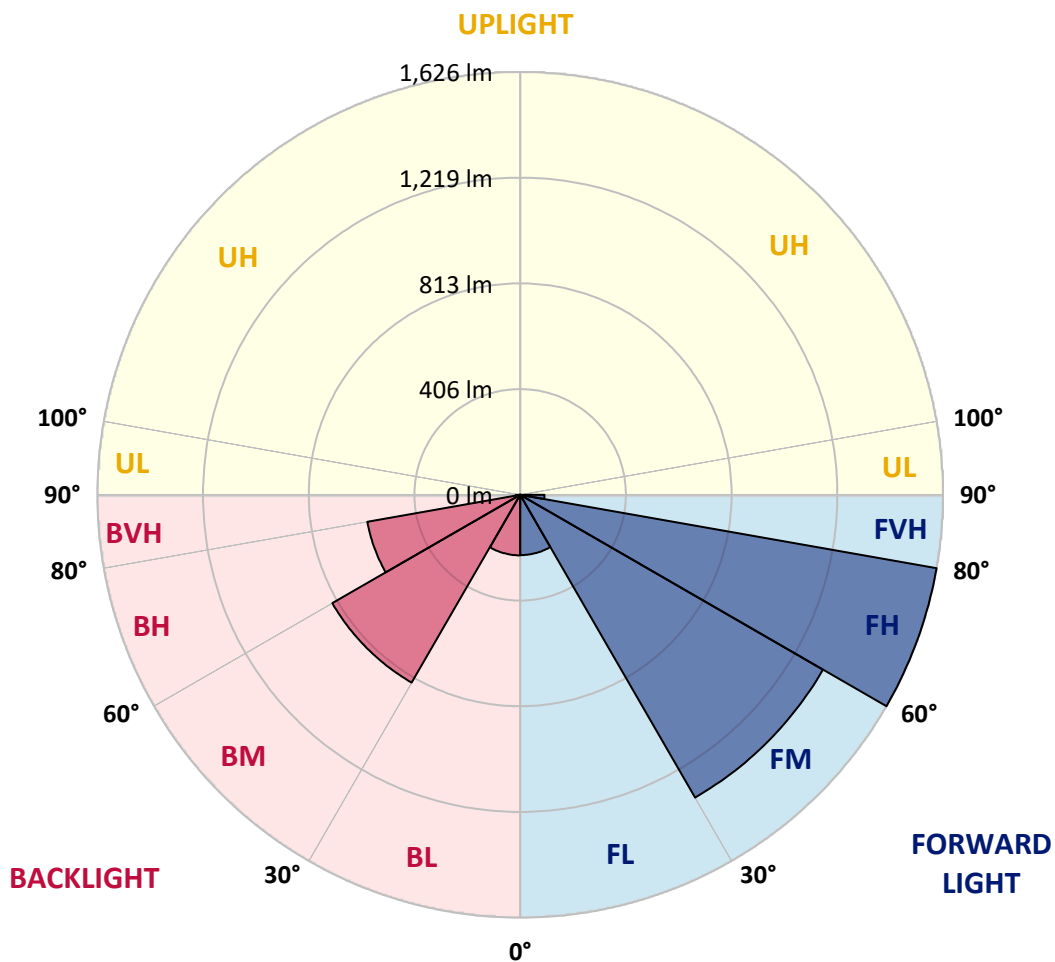
CATALOG NUMBER: CEM-F02-LED-E-U-T3-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 231.8 | 4.7 | | | |
| FM | (30°-60°) | 1344.2 | 27.0 | | | |
| FH | (60°-80°) | 1625.8 | 32.7 | | | G1/1800 |
| FVH | (80°-90°) | 93.5 | 1.9 | | | G1/100 |
| BL | (0°-30°) | 232.8 | 4.7 | B1/500 | | |
| BM | (30°-60°) | 833.7 | 16.8 | B1/1000 | | |
| BH | (60°-80°) | 596.5 | 12.0 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 16.2 | 0.3 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





REPORT NUMBER: P141956

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 |
| 2.5° | 530.3 | 530.8 | 530.8 | 529.7 | 529.7 | 530.3 | 530.3 | 530.8 | 530.8 | 530.8 | 531.4 |
| 5° | 530.3 | 530.8 | 530.8 | 530.3 | 529.7 | 530.8 | 530.3 | 530.8 | 530.8 | 530.8 | 530.8 |
| 7.5° | 529.1 | 529.7 | 529.7 | 529.1 | 529.7 | 530.3 | 530.3 | 531.4 | 532.0 | 532.0 | 532.5 |
| 10° | 523.5 | 524.1 | 524.6 | 524.6 | 525.8 | 527.4 | 528.0 | 530.3 | 530.8 | 532.5 | 533.7 |
| 12.5° | 513.3 | 513.3 | 514.5 | 515.6 | 517.3 | 520.7 | 522.4 | 525.8 | 528.6 | 530.8 | 534.8 |
| 15° | 504.3 | 504.3 | 505.4 | 506.0 | 509.4 | 511.6 | 515.0 | 519.0 | 524.1 | 528.6 | 534.8 |
| 17.5° | 508.8 | 508.8 | 508.2 | 507.7 | 508.2 | 508.2 | 511.1 | 515.0 | 519.5 | 525.8 | 533.7 |
| 20° | 526.3 | 525.8 | 523.5 | 522.4 | 521.8 | 519.5 | 517.8 | 517.3 | 519.5 | 524.1 | 532.0 |
| 22.5° | 541.6 | 540.4 | 539.9 | 538.7 | 540.4 | 539.3 | 537.0 | 534.2 | 530.8 | 529.1 | 533.7 |
| 25° | 550.6 | 551.2 | 551.2 | 551.2 | 554.6 | 555.7 | 556.8 | 553.4 | 549.5 | 543.8 | 544.4 |
| 27.5° | 563.0 | 563.6 | 562.5 | 564.7 | 568.7 | 571.5 | 574.3 | 576.6 | 574.3 | 570.9 | 567.0 |
| 30° | 589.6 | 589.6 | 587.9 | 589.6 | 593.0 | 595.8 | 599.7 | 603.7 | 603.7 | 600.3 | 596.3 |
| 32.5° | 617.2 | 617.8 | 617.8 | 618.9 | 624.0 | 626.3 | 631.9 | 635.9 | 638.7 | 636.4 | 638.7 |
| 35° | 650.6 | 650.0 | 651.7 | 652.2 | 660.2 | 663.0 | 674.3 | 677.1 | 681.6 | 682.7 | 684.4 |
| 37.5° | 705.9 | 707.0 | 703.6 | 701.4 | 708.2 | 708.2 | 722.8 | 730.7 | 729.6 | 737.5 | 743.2 |
| 40° | 795.1 | 790.0 | 788.3 | 787.2 | 791.2 | 790.6 | 790.0 | 800.8 | 805.9 | 807.0 | 809.8 |
| 42.5° | 893.9 | 895.6 | 893.9 | 897.9 | 897.9 | 895.1 | 892.8 | 891.1 | 900.7 | 906.9 | 908.1 |
| 45° | 1009.7 | 1012.0 | 1008.6 | 1005.8 | 1013.1 | 1017.1 | 1017.1 | 1021.6 | 1029.5 | 1032.3 | 1030.6 |
| 47.5° | 1102.3 | 1108.5 | 1105.7 | 1109.7 | 1121.5 | 1135.1 | 1153.2 | 1165.0 | 1173.5 | 1181.4 | 1193.8 |
| 50° | 1185.9 | 1188.7 | 1195.5 | 1208.5 | 1226.0 | 1247.5 | 1276.8 | 1306.2 | 1323.1 | 1342.9 | 1357.6 |
| 52.5° | 1236.7 | 1245.2 | 1255.4 | 1276.8 | 1306.2 | 1336.1 | 1381.3 | 1429.3 | 1472.2 | 1494.2 | 1511.7 |
| 55° | 1267.2 | 1273.4 | 1287.0 | 1316.4 | 1357.6 | 1402.2 | 1458.7 | 1524.7 | 1581.8 | 1630.3 | 1668.2 |
| 57.5° | 1266.1 | 1271.2 | 1289.8 | 1322.0 | 1371.1 | 1427.0 | 1497.6 | 1580.1 | 1664.2 | 1745.0 | 1816.1 |
| 60° | 1241.8 | 1246.3 | 1265.0 | 1299.4 | 1353.1 | 1419.7 | 1504.4 | 1605.5 | 1719.6 | 1841.0 | 1965.8 |
| 62.5° | 1204.5 | 1207.9 | 1224.3 | 1258.8 | 1313.0 | 1384.1 | 1483.5 | 1616.2 | 1778.3 | 1969.7 | 2212.0 |
| 65° | 1152.0 | 1152.0 | 1167.3 | 1202.8 | 1254.8 | 1334.4 | 1444.0 | 1599.8 | 1824.0 | 2115.4 | 2467.8 |
| 67.5° | 1074.7 | 1074.7 | 1087.1 | 1116.4 | 1157.1 | 1212.4 | 1322.0 | 1484.1 | 1720.7 | 2069.7 | 2481.9 |
| 70° | 928.4 | 930.7 | 930.7 | 948.7 | 966.8 | 991.6 | 1043.6 | 1167.8 | 1389.8 | 1730.9 | 2136.3 |
| 72.5° | 680.5 | 639.3 | 671.4 | 700.8 | 721.1 | 734.7 | 764.6 | 803.6 | 915.4 | 1171.2 | 1538.3 |
| 75° | 428.6 | 439.3 | 463.6 | 497.0 | 547.2 | 599.2 | 656.2 | 680.5 | 670.3 | 700.8 | 947.6 |
| 77.5° | 259.8 | 250.7 | 274.5 | 324.1 | 380.6 | 451.2 | 557.9 | 650.6 | 703.6 | 700.2 | 670.9 |
| 80° | 112.4 | 109.6 | 125.4 | 149.1 | 176.8 | 240.6 | 338.3 | 465.3 | 606.5 | 688.4 | 676.0 |
| 82.5° | 40.1 | 40.7 | 51.4 | 61.0 | 73.4 | 94.3 | 133.8 | 214.0 | 339.4 | 483.4 | 597.5 |
| 85° | 11.9 | 13.0 | 18.1 | 25.4 | 28.8 | 32.8 | 45.2 | 67.2 | 114.6 | 183.0 | 325.3 |
| 87.5° | 3.4 | 4.0 | 5.1 | 9.0 | 8.5 | 7.9 | 9.0 | 14.1 | 10.7 | 9.0 | 45.2 |
| 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: P141956

CATALOG NUMBER: CEM-F02-LED-E-U-T3-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 |
| 2.5° | 530.8 | 530.8 | 530.8 | 531.4 | 530.8 | 530.8 | 531.4 | 531.4 | 532.0 | 532.5 | 533.7 |
| 5° | 530.3 | 530.3 | 530.8 | 530.8 | 530.8 | 531.4 | 532.0 | 532.5 | 533.7 | 535.4 | 537.0 |
| 7.5° | 532.0 | 532.0 | 531.4 | 532.0 | 532.0 | 532.5 | 533.7 | 534.2 | 536.5 | 538.2 | 541.0 |
| 10° | 533.7 | 533.7 | 534.2 | 534.8 | 534.8 | 535.9 | 537.6 | 538.2 | 540.4 | 543.8 | 546.6 |
| 12.5° | 535.9 | 537.6 | 539.9 | 541.0 | 542.1 | 543.3 | 545.0 | 546.1 | 548.9 | 553.4 | 556.8 |
| 15° | 537.6 | 541.6 | 543.8 | 546.6 | 548.3 | 548.9 | 550.6 | 552.9 | 555.7 | 560.2 | 564.2 |
| 17.5° | 537.6 | 542.7 | 546.1 | 548.9 | 551.7 | 553.4 | 555.1 | 557.4 | 561.3 | 565.8 | 569.8 |
| 20° | 537.0 | 544.4 | 548.9 | 553.4 | 558.5 | 560.2 | 563.0 | 565.3 | 569.8 | 575.4 | 578.3 |
| 22.5° | 539.9 | 548.3 | 554.6 | 562.5 | 568.1 | 572.6 | 576.0 | 580.0 | 583.4 | 587.3 | 588.4 |
| 25° | 548.3 | 556.8 | 567.0 | 576.6 | 584.5 | 591.3 | 595.8 | 599.2 | 603.1 | 604.8 | 602.6 |
| 27.5° | 562.5 | 568.7 | 582.8 | 596.9 | 609.3 | 617.8 | 622.9 | 627.4 | 628.5 | 631.9 | 623.4 |
| 30° | 587.9 | 590.7 | 605.4 | 625.7 | 639.8 | 653.9 | 660.7 | 665.2 | 665.8 | 663.5 | 648.9 |
| 32.5° | 629.7 | 624.6 | 637.6 | 664.7 | 686.1 | 698.0 | 708.7 | 711.5 | 709.8 | 702.5 | 678.8 |
| 35° | 680.5 | 672.6 | 678.8 | 718.3 | 742.0 | 759.5 | 769.7 | 772.5 | 768.6 | 755.6 | 722.8 |
| 37.5° | 743.2 | 740.3 | 743.2 | 781.0 | 822.2 | 838.6 | 843.1 | 846.5 | 836.9 | 813.2 | 770.3 |
| 40° | 812.6 | 813.2 | 809.8 | 844.3 | 896.2 | 919.9 | 930.7 | 923.3 | 911.5 | 877.6 | 830.1 |
| 42.5° | 908.6 | 905.2 | 893.4 | 924.4 | 991.1 | 1015.4 | 1025.0 | 1019.3 | 1007.5 | 964.5 | 909.2 |
| 45° | 1035.7 | 1024.4 | 1013.1 | 1029.5 | 1093.9 | 1125.5 | 1139.6 | 1135.6 | 1114.8 | 1062.8 | 1010.8 |
| 47.5° | 1191.0 | 1179.1 | 1158.2 | 1155.4 | 1220.4 | 1257.6 | 1262.7 | 1256.5 | 1240.7 | 1188.7 | 1124.9 |
| 50° | 1354.2 | 1350.8 | 1341.2 | 1318.6 | 1376.8 | 1414.1 | 1410.7 | 1406.1 | 1388.6 | 1322.6 | 1257.1 |
| 52.5° | 1523.0 | 1529.8 | 1523.6 | 1507.8 | 1569.9 | 1585.2 | 1586.3 | 1572.7 | 1552.4 | 1491.4 | 1402.2 |
| 55° | 1700.4 | 1725.8 | 1735.4 | 1747.8 | 1796.9 | 1794.7 | 1781.7 | 1749.5 | 1754.6 | 1685.1 | 1561.4 |
| 57.5° | 1888.4 | 1966.3 | 2027.9 | 2055.6 | 2102.4 | 2116.0 | 2083.2 | 2094.0 | 2089.5 | 2017.7 | 1822.9 |
| 60° | 2136.3 | 2322.7 | 2483.1 | 2581.9 | 2645.1 | 2620.9 | 2666.6 | 2668.9 | 2746.2 | 2588.7 | 2284.8 |
| 62.5° | 2531.6 | 2873.8 | 3158.5 | 3243.7 | 3260.1 | 3254.5 | 3200.3 | 3254.5 | 3239.8 | 3047.8 | 2654.2 |
| 65° | 2864.2 | 3271.4 | 3560.5 | 3612.5 | 3536.3 | 3466.2 | 3403.0 | 3413.7 | 3343.7 | 3065.8 | 2643.4 |
| 67.5° | 2909.4 | 3314.9 | 3583.1 | 3568.4 | 3401.9 | 3272.0 | 3166.9 | 3084.5 | 2941.6 | 2690.3 | 2322.1 |
| 70° | 2552.0 | 2981.7 | 3327.3 | 3316.0 | 3084.5 | 2911.1 | 2740.6 | 2616.3 | 2470.6 | 2276.4 | 1927.9 |
| 72.5° | 1985.0 | 2367.9 | 2702.7 | 2789.7 | 2561.6 | 2370.1 | 2213.7 | 2055.6 | 1905.4 | 1720.7 | 1501.0 |
| 75° | 1351.4 | 1639.4 | 1795.2 | 1819.0 | 1610.0 | 1466.6 | 1406.1 | 1276.8 | 1117.6 | 1078.0 | 915.4 |
| 77.5° | 785.0 | 895.6 | 848.2 | 785.0 | 631.9 | 464.2 | 354.6 | 303.3 | 304.4 | 349.6 | 334.9 |
| 80° | 638.1 | 607.6 | 479.4 | 384.6 | 261.5 | 133.3 | 89.2 | 76.8 | 77.4 | 89.8 | 87.0 |
| 82.5° | 657.9 | 675.4 | 555.1 | 388.5 | 267.7 | 141.2 | 67.8 | 50.3 | 58.7 | 63.8 | 62.7 |
| 85° | 487.4 | 638.7 | 572.6 | 412.2 | 287.4 | 150.2 | 44.0 | 27.7 | 39.0 | 47.4 | 50.8 |
| 87.5° | 136.7 | 214.6 | 166.6 | 110.1 | 80.2 | 27.1 | 17.5 | 14.7 | 18.1 | 24.8 | 24.8 |
| 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: P141956

CATALOG NUMBER: CEM-F02-LED-E-U-T3-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 | 533.1 |
| 2.5° | 534.2 | 536.5 | 535.9 | 537.0 | 537.6 | 539.3 | 540.4 | 539.9 | 539.9 | 541.0 | 542.1 |
| 5° | 538.7 | 541.6 | 541.6 | 543.3 | 545.0 | 547.2 | 548.9 | 547.8 | 548.3 | 549.5 | 550.6 |
| 7.5° | 543.3 | 546.6 | 547.2 | 548.9 | 550.0 | 551.2 | 552.3 | 550.6 | 550.0 | 550.0 | 549.5 |
| 10° | 548.9 | 552.3 | 551.7 | 551.7 | 551.2 | 550.0 | 547.8 | 543.8 | 541.0 | 539.3 | 538.2 |
| 12.5° | 558.5 | 560.8 | 557.4 | 554.0 | 548.3 | 544.4 | 539.3 | 534.8 | 531.4 | 528.6 | 527.4 |
| 15° | 567.0 | 565.8 | 561.9 | 555.7 | 547.8 | 541.6 | 536.5 | 530.3 | 526.3 | 522.9 | 521.2 |
| 17.5° | 571.5 | 567.5 | 561.9 | 556.2 | 549.5 | 543.8 | 537.6 | 530.3 | 524.1 | 519.5 | 517.3 |
| 20° | 576.0 | 569.8 | 562.5 | 556.8 | 551.7 | 547.2 | 542.7 | 533.7 | 525.8 | 519.0 | 515.6 |
| 22.5° | 582.8 | 574.3 | 567.0 | 561.9 | 556.8 | 552.3 | 547.8 | 539.3 | 530.8 | 521.8 | 516.7 |
| 25° | 592.4 | 581.1 | 576.0 | 570.9 | 565.3 | 560.8 | 554.6 | 546.6 | 537.6 | 526.9 | 519.5 |
| 27.5° | 607.6 | 597.5 | 591.8 | 586.7 | 580.0 | 572.6 | 565.8 | 555.1 | 546.6 | 534.2 | 524.6 |
| 30° | 629.7 | 618.9 | 613.8 | 608.8 | 600.9 | 591.3 | 581.7 | 568.1 | 556.2 | 542.1 | 529.7 |
| 32.5° | 657.3 | 651.7 | 645.5 | 637.0 | 626.3 | 614.4 | 600.3 | 582.2 | 565.3 | 547.8 | 532.0 |
| 35° | 700.2 | 690.6 | 680.5 | 672.0 | 656.2 | 639.8 | 618.4 | 591.8 | 569.2 | 547.8 | 528.6 |
| 37.5° | 749.4 | 739.2 | 725.7 | 710.4 | 686.7 | 660.7 | 630.8 | 597.5 | 567.5 | 541.6 | 520.1 |
| 40° | 808.7 | 795.7 | 777.6 | 748.8 | 713.8 | 674.8 | 634.7 | 593.0 | 557.9 | 528.0 | 503.2 |
| 42.5° | 887.2 | 860.6 | 825.6 | 783.3 | 733.6 | 680.5 | 629.7 | 581.1 | 541.6 | 508.8 | 484.0 |
| 45° | 975.8 | 933.5 | 877.0 | 813.8 | 744.9 | 678.2 | 618.4 | 561.9 | 517.3 | 481.1 | 455.2 |
| 47.5° | 1071.3 | 1005.2 | 922.2 | 833.0 | 746.0 | 665.8 | 596.3 | 533.1 | 482.8 | 444.4 | 412.2 |
| 50° | 1179.1 | 1070.1 | 953.8 | 842.6 | 738.6 | 643.8 | 564.7 | 491.9 | 439.9 | 394.2 | 364.8 |
| 52.5° | 1271.7 | 1127.2 | 975.8 | 838.6 | 712.7 | 605.4 | 512.8 | 442.2 | 381.2 | 340.5 | 311.7 |
| 55° | 1381.3 | 1182.5 | 987.7 | 818.8 | 670.9 | 545.5 | 456.9 | 378.4 | 320.8 | 284.6 | 259.8 |
| 57.5° | 1566.0 | 1276.3 | 997.9 | 778.7 | 602.0 | 470.4 | 379.5 | 306.1 | 260.9 | 229.3 | 211.8 |
| 60° | 1922.3 | 1458.1 | 1039.6 | 718.9 | 514.5 | 380.1 | 293.1 | 239.4 | 200.5 | 179.6 | 167.2 |
| 62.5° | 2155.5 | 1581.8 | 1021.0 | 626.8 | 402.1 | 284.6 | 214.6 | 172.8 | 150.2 | 135.0 | 129.3 |
| 65° | 2096.2 | 1457.0 | 866.3 | 497.0 | 280.1 | 189.2 | 144.0 | 118.6 | 108.4 | 100.5 | 97.1 |
| 67.5° | 1800.3 | 1175.2 | 628.0 | 321.3 | 177.3 | 115.2 | 94.3 | 84.1 | 79.6 | 76.2 | 75.7 |
| 70° | 1434.4 | 828.4 | 373.3 | 170.5 | 98.3 | 76.2 | 67.2 | 63.2 | 61.6 | 61.6 | 61.6 |
| 72.5° | 1040.8 | 477.2 | 183.5 | 92.0 | 66.1 | 58.2 | 54.2 | 53.1 | 52.5 | 52.5 | 53.1 |
| 75° | 594.6 | 206.7 | 94.3 | 63.2 | 54.2 | 50.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.6 |
| 77.5° | 207.3 | 94.3 | 66.6 | 53.1 | 46.9 | 44.6 | 43.5 | 44.6 | 45.2 | 45.2 | 45.2 |
| 80° | 75.7 | 66.6 | 57.0 | 46.3 | 41.8 | 39.5 | 39.5 | 41.2 | 42.4 | 41.2 | 40.7 |
| 82.5° | 59.9 | 52.5 | 46.3 | 40.1 | 36.7 | 35.6 | 36.1 | 37.3 | 36.7 | 36.1 | 34.4 |
| 85° | 45.7 | 34.4 | 32.2 | 29.9 | 29.4 | 29.4 | 31.6 | 32.2 | 29.9 | 28.8 | 27.1 |
| 87.5° | 22.6 | 18.1 | 16.4 | 19.2 | 18.6 | 16.9 | 17.5 | 17.5 | 14.7 | 13.6 | 14.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P141956

CATALOG NUMBER: CEM-F02-LED-E-U-T3-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 533.1 | 533.1 | 533.1 | 533.1 |
| 2.5° | 542.1 | 542.7 | 544.4 | 543.8 |
| 5° | 550.0 | 550.6 | 551.7 | 551.7 |
| 7.5° | 548.3 | 548.9 | 548.9 | 548.9 |
| 10° | 535.4 | 535.4 | 536.5 | 536.5 |
| 12.5° | 525.2 | 524.6 | 524.6 | 523.5 |
| 15° | 519.0 | 517.8 | 518.4 | 516.7 |
| 17.5° | 514.5 | 513.9 | 513.9 | 512.8 |
| 20° | 512.8 | 511.6 | 511.1 | 509.9 |
| 22.5° | 511.6 | 511.1 | 509.9 | 508.8 |
| 25° | 514.5 | 511.6 | 511.1 | 509.9 |
| 27.5° | 517.3 | 514.5 | 512.2 | 511.6 |
| 30° | 520.1 | 515.0 | 512.2 | 511.1 |
| 32.5° | 519.5 | 512.8 | 508.8 | 507.1 |
| 35° | 513.3 | 504.9 | 499.8 | 498.1 |
| 37.5° | 501.5 | 491.9 | 484.0 | 481.1 |
| 40° | 484.5 | 472.1 | 464.8 | 460.8 |
| 42.5° | 464.2 | 450.1 | 443.9 | 440.5 |
| 45° | 430.9 | 419.6 | 412.2 | 409.4 |
| 47.5° | 393.6 | 378.4 | 371.6 | 368.8 |
| 50° | 345.6 | 333.2 | 327.5 | 323.6 |
| 52.5° | 294.8 | 283.5 | 278.4 | 276.1 |
| 55° | 245.7 | 240.0 | 232.1 | 230.4 |
| 57.5° | 199.3 | 197.7 | 192.0 | 191.4 |
| 60° | 162.1 | 159.3 | 155.3 | 155.3 |
| 62.5° | 127.6 | 124.8 | 123.1 | 123.1 |
| 65° | 98.3 | 97.7 | 96.6 | 96.0 |
| 67.5° | 75.7 | 77.4 | 77.9 | 76.8 |
| 70° | 63.2 | 63.8 | 63.8 | 63.8 |
| 72.5° | 54.8 | 54.8 | 54.8 | 54.2 |
| 75° | 49.7 | 49.7 | 48.6 | 48.0 |
| 77.5° | 45.7 | 45.2 | 45.7 | 45.2 |
| 80° | 40.1 | 39.5 | 38.4 | 37.3 |
| 82.5° | 33.3 | 32.8 | 29.9 | 29.9 |
| 85° | 26.0 | 24.3 | 22.0 | 19.8 |
| 87.5° | 14.7 | 13.0 | 9.6 | 6.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)