

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: P162538

Luminaire Tested: **CEM-E04-LED-E-U-SL3-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P162538
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CEM-E04-LED-E-U-SL3-HSS-7050
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6766 lumens
Efficiency: N/A
Efficacy: 69.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

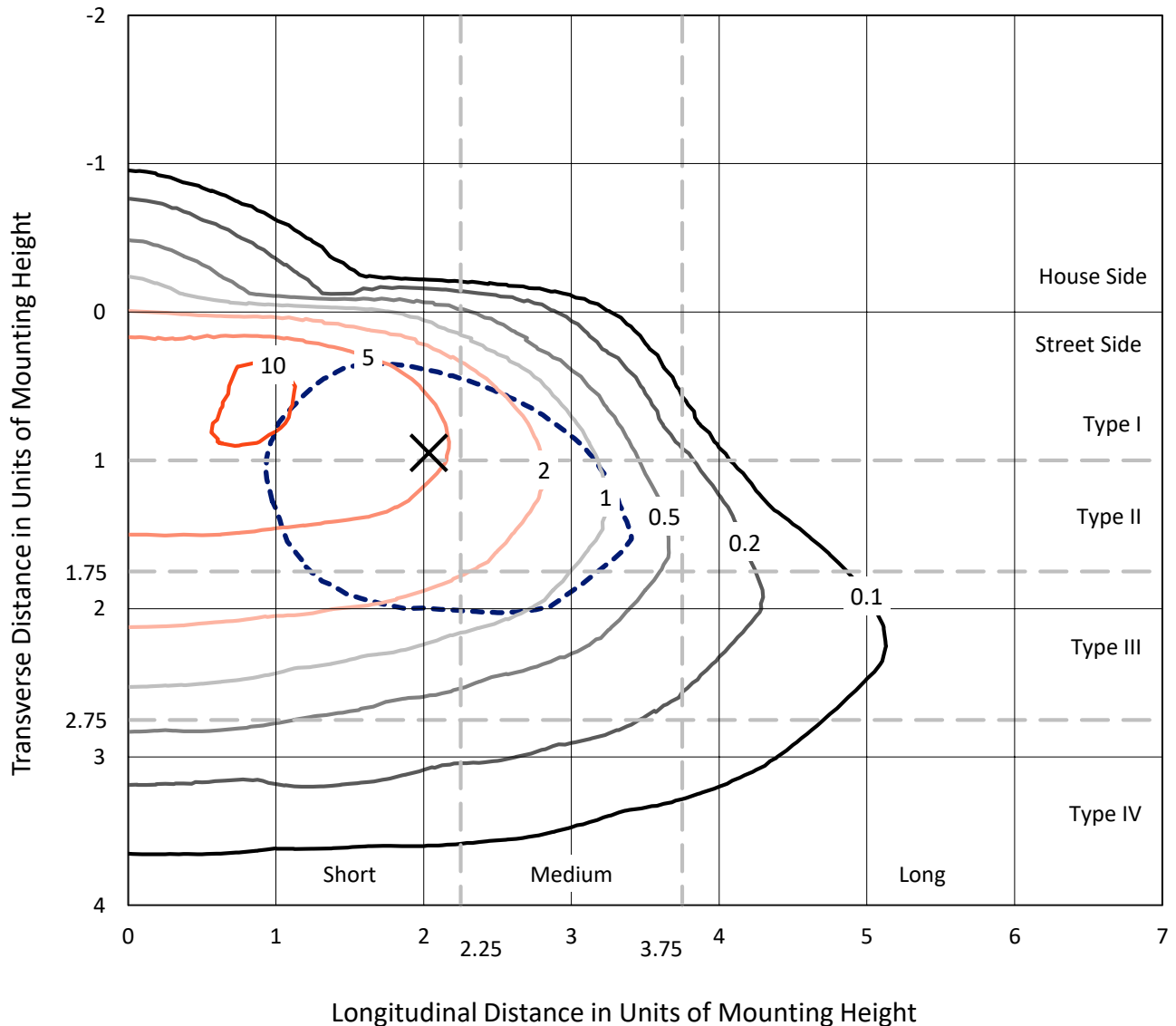
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

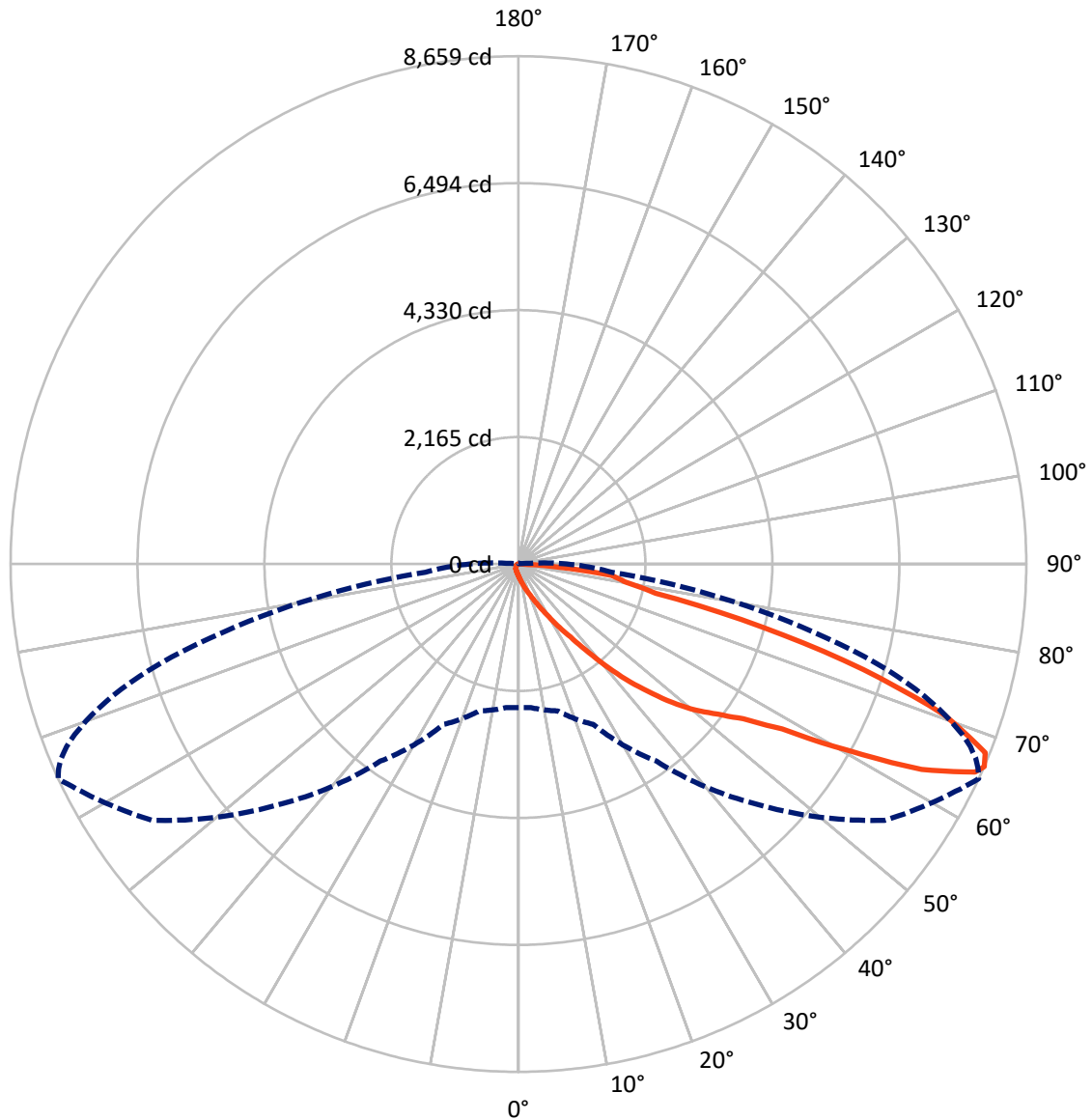


Based on 10 foot mounting height. Maximum calculated value = 11.2 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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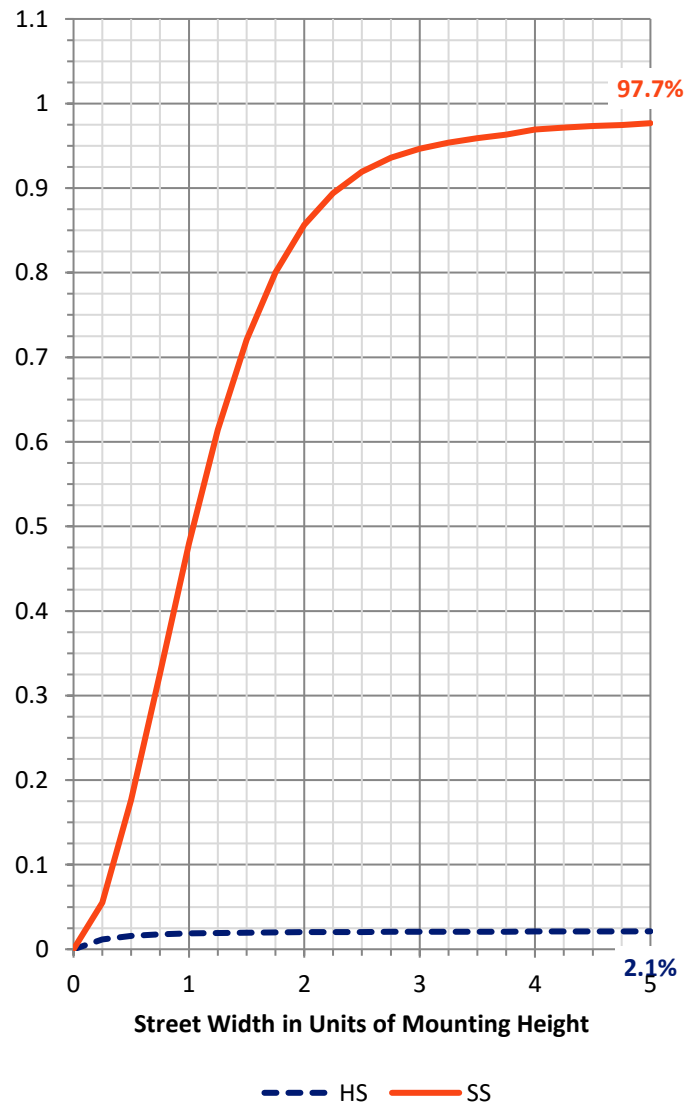
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 146.7 | 0.0 | 146.7 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 6619.3 | 0.0 | 6619.3 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 6766.0 | 0.0 | 6766.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 22.9 | 0.3 |
| 10°-20° | 96.9 | 1.4 |
| 20°-30° | 209.1 | 3.1 |
| 30°-40° | 446.5 | 6.6 |
| 40°-50° | 987.4 | 14.6 |
| 50°-60° | 1673.3 | 24.7 |
| 60°-70° | 2232.9 | 33.0 |
| 70°-80° | 983.6 | 14.5 |
| 80°-90° | 113.3 | 1.7 |
| 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° | 6766.0 | 100.0 |
| 0°-180° | 6766.0 | 100.0 |



REPORT NUMBER: P162538

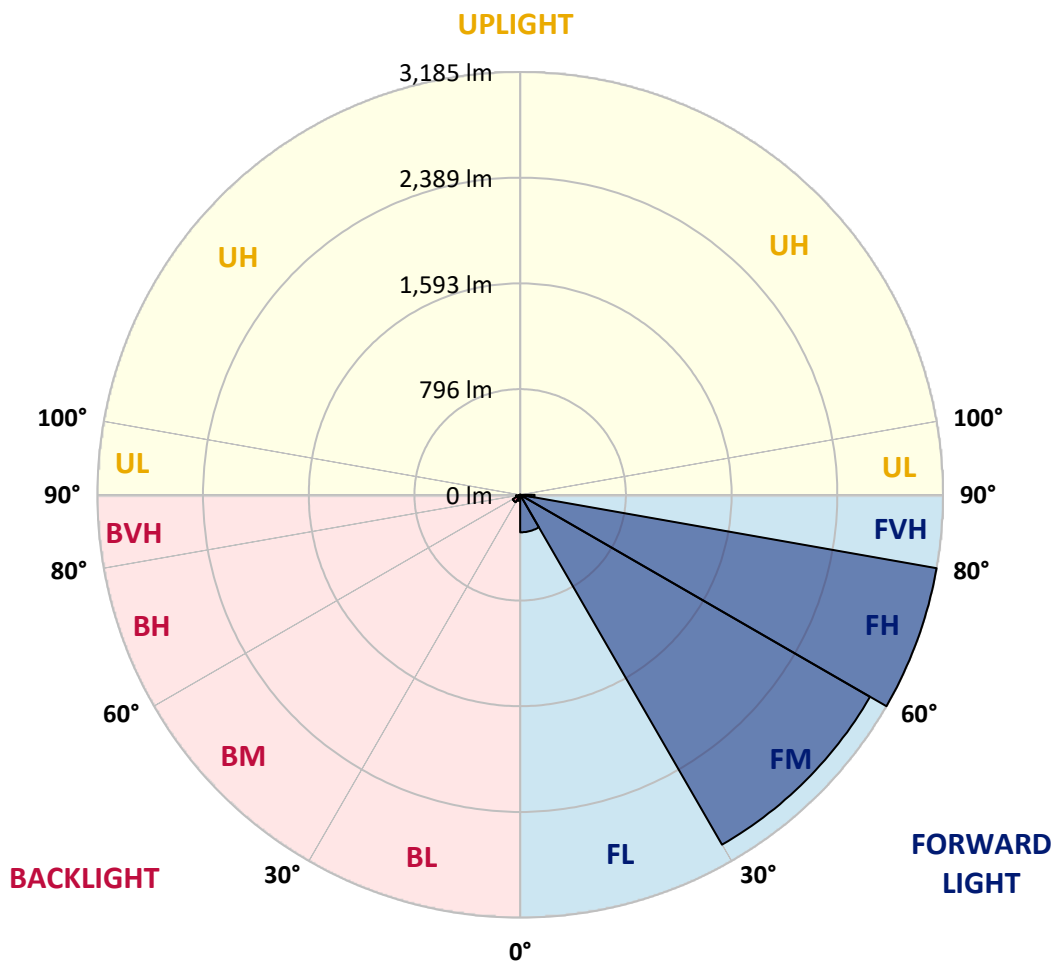
CATALOG NUMBER: CEM-E04-LED-E-U-SL3-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 282.6 | 4.2 | | | |
| FM | (30°-60°) | 3042.9 | 45.0 | | | |
| FH | (60°-80°) | 3185.1 | 47.1 | | | G2/5000 |
| FVH | (80°-90°) | 108.8 | 1.6 | | | G2/225 |
| BL | (0°-30°) | 46.3 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 64.4 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 31.5 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 4.5 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G2

Type III Short





REPORT NUMBER: P162538

CATALOG NUMBER: CEM-E04-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 |
| 2.5° | 257.6 | 256.3 | 251.1 | 251.1 | 243.3 | 238.1 | 231.5 | 225.1 | 225.1 | 223.7 | 222.5 |
| 5° | 340.8 | 333.0 | 331.6 | 317.4 | 305.6 | 288.8 | 273.2 | 252.3 | 249.7 | 247.1 | 245.9 |
| 7.5° | 433.2 | 431.9 | 420.2 | 403.2 | 379.8 | 348.6 | 317.4 | 283.6 | 278.4 | 275.8 | 270.6 |
| 10° | 552.9 | 546.3 | 530.7 | 502.1 | 466.9 | 425.4 | 374.6 | 321.2 | 314.8 | 309.6 | 307.0 |
| 12.5° | 667.2 | 655.6 | 646.4 | 610.1 | 565.9 | 504.7 | 443.6 | 366.8 | 361.6 | 355.2 | 344.8 |
| 15° | 774.0 | 763.6 | 748.0 | 716.8 | 667.2 | 590.5 | 519.1 | 425.4 | 412.4 | 403.2 | 395.4 |
| 17.5° | 857.3 | 850.7 | 832.5 | 797.4 | 744.0 | 676.4 | 590.5 | 485.1 | 474.7 | 463.1 | 448.8 |
| 20° | 936.5 | 927.5 | 898.9 | 850.7 | 793.5 | 741.4 | 675.0 | 563.3 | 548.9 | 534.7 | 519.1 |
| 22.5° | 1012.0 | 1002.8 | 956.1 | 876.7 | 815.5 | 793.5 | 770.0 | 651.6 | 629.6 | 617.9 | 602.3 |
| 25° | 1117.4 | 1097.8 | 1025.0 | 898.9 | 816.9 | 833.7 | 874.1 | 766.2 | 745.4 | 728.4 | 703.8 |
| 27.5° | 1259.1 | 1233.1 | 1118.7 | 931.3 | 822.1 | 878.1 | 993.8 | 905.3 | 883.3 | 863.7 | 836.3 |
| 30° | 1419.2 | 1402.2 | 1265.7 | 1009.4 | 859.9 | 943.1 | 1127.8 | 1082.2 | 1056.2 | 1032.8 | 1000.2 |
| 32.5° | 1580.5 | 1557.1 | 1421.8 | 1157.7 | 961.3 | 1069.2 | 1295.6 | 1287.8 | 1253.9 | 1231.9 | 1196.7 |
| 35° | 1722.2 | 1710.4 | 1610.3 | 1401.0 | 1192.7 | 1290.4 | 1519.3 | 1528.3 | 1498.5 | 1475.1 | 1436.0 |
| 37.5° | 1818.5 | 1818.5 | 1799.0 | 1662.4 | 1560.9 | 1633.8 | 1848.4 | 1849.7 | 1819.8 | 1766.4 | 1747.0 |
| 40° | 1867.9 | 1882.2 | 1952.5 | 1978.5 | 1973.3 | 2067.0 | 2280.3 | 2256.9 | 2232.1 | 2204.8 | 2139.8 |
| 42.5° | 1969.4 | 1982.4 | 2132.0 | 2311.5 | 2428.6 | 2552.1 | 2699.1 | 2691.3 | 2661.4 | 2611.9 | 2552.1 |
| 45° | 2141.1 | 2158.0 | 2336.2 | 2621.1 | 2861.7 | 3037.3 | 3131.0 | 3094.6 | 3064.6 | 3017.8 | 2986.5 |
| 47.5° | 2359.6 | 2392.1 | 2593.7 | 2946.3 | 3236.3 | 3526.4 | 3623.9 | 3527.8 | 3501.6 | 3465.2 | 3414.5 |
| 50° | 2592.5 | 2623.7 | 2838.3 | 3241.5 | 3569.3 | 3915.3 | 4077.9 | 3915.3 | 3877.6 | 3866.0 | 3808.6 |
| 52.5° | 2794.0 | 2820.0 | 3026.9 | 3469.2 | 3824.2 | 4230.2 | 4466.8 | 4252.2 | 4225.0 | 4185.8 | 4144.2 |
| 55° | 2913.7 | 2934.5 | 3128.4 | 3578.4 | 3997.3 | 4513.6 | 4842.8 | 4654.1 | 4613.8 | 4598.2 | 4538.4 |
| 57.5° | 2954.1 | 2974.9 | 3149.2 | 3592.7 | 4090.9 | 4772.5 | 5299.4 | 5305.9 | 5257.8 | 5201.8 | 5183.6 |
| 60° | 2954.1 | 2977.5 | 3124.4 | 3557.6 | 4182.0 | 5048.3 | 5908.2 | 6450.5 | 6346.5 | 6336.1 | 6269.8 |
| 62.5° | 2831.8 | 2853.9 | 3002.2 | 3449.6 | 4304.3 | 5420.3 | 6756.2 | 7713.6 | 7683.6 | 7616.0 | 7506.7 |
| 65° | 2566.4 | 2579.5 | 2725.1 | 3173.9 | 4257.4 | 5762.5 | 7491.1 | 8553.9 | 8505.7 | 8373.0 | 8232.6 |
| 66° | 2446.8 | 2457.2 | 2593.7 | 3016.5 | 4103.9 | 5809.3 | 7621.2 | 8659.2 | 8579.9 | 8468.0 | 8309.4 |
| 67.5° | 2273.7 | 2291.9 | 2388.2 | 2723.8 | 3735.8 | 5646.6 | 7539.3 | 8585.1 | 8516.1 | 8380.8 | 8222.3 |
| 70° | 1518.0 | 1505.0 | 1844.5 | 2090.4 | 2846.1 | 4600.8 | 6764.1 | 7708.4 | 7709.7 | 7646.0 | 7582.2 |
| 72.5° | 720.6 | 728.4 | 827.3 | 1286.5 | 1862.7 | 3073.7 | 5383.9 | 6152.7 | 6241.0 | 6126.7 | 6047.3 |
| 75° | 517.7 | 529.5 | 589.3 | 787.0 | 1110.8 | 1844.5 | 3490.0 | 4302.9 | 4305.5 | 4102.6 | 3921.8 |
| 77.5° | 150.9 | 157.3 | 221.1 | 485.1 | 832.5 | 1244.9 | 2004.5 | 2392.1 | 2336.2 | 2190.5 | 2054.0 |
| 80° | 62.4 | 62.4 | 65.0 | 154.7 | 334.2 | 845.5 | 1402.2 | 1841.9 | 1835.4 | 1779.4 | 1698.8 |
| 82.5° | 23.4 | 24.8 | 31.2 | 63.8 | 79.4 | 208.1 | 935.3 | 1598.7 | 1594.7 | 1515.4 | 1458.2 |
| 85° | 2.6 | 2.6 | 7.8 | 27.4 | 30.0 | 39.0 | 187.3 | 705.0 | 701.2 | 705.0 | 617.9 |
| 87.5° | 0.0 | 0.0 | 1.4 | 2.6 | 4.0 | 5.2 | 7.8 | 27.4 | 30.0 | 28.6 | 26.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P162538

CATALOG NUMBER: CEM-E04-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 |
| 2.5° | 222.5 | 219.9 | 219.9 | 218.5 | 218.5 | 218.5 | 217.3 | 215.9 | 215.9 | 214.7 | 213.3 |
| 5° | 243.3 | 240.7 | 239.3 | 236.7 | 235.5 | 234.1 | 231.5 | 230.3 | 227.7 | 226.3 | 225.1 |
| 7.5° | 268.0 | 262.8 | 261.5 | 257.6 | 253.7 | 251.1 | 248.5 | 244.5 | 241.9 | 236.7 | 235.5 |
| 10° | 299.2 | 292.6 | 287.4 | 282.2 | 278.4 | 271.8 | 268.0 | 262.8 | 257.6 | 253.7 | 249.7 |
| 12.5° | 339.4 | 330.4 | 322.6 | 317.4 | 308.2 | 300.4 | 292.6 | 288.8 | 278.4 | 273.2 | 266.7 |
| 15° | 383.8 | 373.4 | 364.2 | 353.8 | 347.4 | 334.2 | 323.8 | 312.2 | 307.0 | 297.8 | 287.4 |
| 17.5° | 441.0 | 424.0 | 409.8 | 399.4 | 386.4 | 373.4 | 361.6 | 350.0 | 334.2 | 323.8 | 310.8 |
| 20° | 502.1 | 487.7 | 468.3 | 450.1 | 434.5 | 418.8 | 402.0 | 386.4 | 372.0 | 355.2 | 339.4 |
| 22.5° | 580.1 | 559.3 | 535.9 | 517.7 | 496.9 | 479.9 | 456.5 | 435.8 | 412.4 | 390.2 | 372.0 |
| 25° | 679.0 | 651.6 | 629.6 | 603.6 | 578.9 | 552.9 | 524.3 | 498.1 | 468.3 | 447.5 | 416.2 |
| 27.5° | 801.3 | 775.3 | 745.4 | 711.6 | 686.8 | 647.8 | 610.1 | 577.5 | 542.5 | 509.9 | 474.7 |
| 30° | 957.4 | 919.7 | 888.5 | 855.9 | 806.5 | 768.8 | 724.6 | 680.2 | 632.2 | 599.7 | 546.3 |
| 32.5° | 1144.7 | 1104.4 | 1057.6 | 1010.6 | 965.2 | 911.9 | 857.3 | 802.6 | 749.2 | 689.4 | 634.8 |
| 35° | 1373.6 | 1325.5 | 1272.1 | 1221.5 | 1151.2 | 1094.0 | 1025.0 | 949.6 | 889.7 | 820.7 | 751.8 |
| 37.5° | 1676.7 | 1597.3 | 1550.5 | 1497.2 | 1402.2 | 1324.2 | 1247.5 | 1171.9 | 1066.6 | 993.8 | 896.3 |
| 40° | 2056.6 | 2009.7 | 1932.9 | 1847.1 | 1761.2 | 1658.5 | 1554.5 | 1454.2 | 1332.0 | 1230.5 | 1117.4 |
| 42.5° | 2502.7 | 2433.8 | 2355.7 | 2232.1 | 2145.0 | 2024.0 | 1905.7 | 1773.0 | 1623.3 | 1493.3 | 1360.6 |
| 45° | 2921.5 | 2839.6 | 2779.8 | 2656.2 | 2565.1 | 2422.0 | 2278.9 | 2138.4 | 1965.5 | 1797.7 | 1644.2 |
| 47.5° | 3374.2 | 3306.5 | 3207.7 | 3107.6 | 3015.2 | 2853.9 | 2699.1 | 2528.7 | 2346.6 | 2147.6 | 1948.5 |
| 50° | 3772.2 | 3718.9 | 3651.3 | 3530.3 | 3427.6 | 3292.3 | 3110.2 | 2924.1 | 2693.9 | 2496.2 | 2269.9 |
| 52.5° | 4110.4 | 4068.9 | 3973.9 | 3888.0 | 3795.6 | 3668.1 | 3505.6 | 3327.3 | 3078.9 | 2861.7 | 2604.1 |
| 55° | 4509.8 | 4479.8 | 4396.7 | 4343.3 | 4261.3 | 4139.0 | 3986.9 | 3821.6 | 3558.9 | 3322.1 | 3030.8 |
| 57.5° | 5164.0 | 5140.7 | 5067.9 | 5045.7 | 4965.1 | 4858.4 | 4671.1 | 4494.2 | 4187.2 | 3893.2 | 3560.2 |
| 60° | 6247.6 | 6200.8 | 6094.1 | 6039.5 | 5869.0 | 5725.9 | 5482.8 | 5239.6 | 4868.8 | 4494.2 | 4093.5 |
| 62.5° | 7407.9 | 7276.6 | 7073.6 | 6899.3 | 6657.4 | 6408.9 | 6083.7 | 5711.7 | 5277.2 | 4832.4 | 4371.9 |
| 65° | 8033.6 | 7809.9 | 7553.6 | 7276.6 | 6963.0 | 6597.6 | 6187.8 | 5741.7 | 5274.6 | 4805.0 | 4318.5 |
| 66° | 8105.1 | 7852.7 | 7580.9 | 7272.6 | 6924.0 | 6535.1 | 6118.9 | 5650.6 | 5165.4 | 4707.5 | 4221.0 |
| 67.5° | 8015.4 | 7751.3 | 7463.9 | 7121.7 | 6744.5 | 6341.3 | 5904.2 | 5417.7 | 4950.8 | 4486.4 | 4012.9 |
| 70° | 7387.1 | 7124.3 | 6868.1 | 6507.8 | 6105.9 | 5699.9 | 5286.4 | 4742.7 | 4300.3 | 3873.8 | 3452.2 |
| 72.5° | 5899.0 | 5720.7 | 5467.1 | 5158.8 | 4767.3 | 4291.3 | 3946.5 | 3460.0 | 3076.3 | 2662.7 | 2336.2 |
| 75° | 3686.5 | 3435.4 | 3121.8 | 2729.0 | 2429.8 | 2043.5 | 1841.9 | 1472.5 | 1253.9 | 1062.8 | 878.1 |
| 77.5° | 1884.9 | 1696.2 | 1476.4 | 1255.3 | 1043.2 | 832.5 | 643.8 | 455.3 | 307.0 | 213.3 | 158.7 |
| 80° | 1557.1 | 1390.6 | 1208.5 | 1006.8 | 819.5 | 636.0 | 457.9 | 312.2 | 199.1 | 130.1 | 101.5 |
| 82.5° | 1286.5 | 1146.0 | 983.4 | 796.1 | 633.4 | 499.5 | 347.4 | 226.3 | 140.5 | 91.1 | 71.6 |
| 85° | 547.7 | 496.9 | 383.8 | 304.4 | 228.9 | 169.1 | 118.3 | 79.4 | 56.0 | 45.6 | 41.6 |
| 87.5° | 23.4 | 26.0 | 24.8 | 19.6 | 14.4 | 14.4 | 13.0 | 10.4 | 10.4 | 10.4 | 10.4 |
| 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: P162538

CATALOG NUMBER: CEM-E04-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 |
| 2.5° | 213.3 | 212.1 | 210.7 | 210.7 | 209.5 | 208.1 | 200.3 | 193.9 | 186.1 | 180.9 | 175.7 |
| 5° | 222.5 | 221.1 | 218.5 | 217.3 | 214.7 | 213.3 | 196.5 | 182.1 | 170.3 | 161.3 | 154.7 |
| 7.5° | 231.5 | 230.3 | 226.3 | 222.5 | 221.1 | 218.5 | 191.3 | 173.1 | 157.3 | 146.9 | 140.5 |
| 10° | 243.3 | 239.3 | 235.5 | 230.3 | 226.3 | 222.5 | 186.1 | 162.5 | 145.7 | 136.5 | 130.1 |
| 12.5° | 260.2 | 253.7 | 247.1 | 240.7 | 235.5 | 228.9 | 183.5 | 153.5 | 136.5 | 126.1 | 119.7 |
| 15° | 279.6 | 270.6 | 262.8 | 254.9 | 245.9 | 239.3 | 178.3 | 145.7 | 128.7 | 118.3 | 110.5 |
| 17.5° | 297.8 | 287.4 | 275.8 | 264.1 | 254.9 | 245.9 | 173.1 | 137.9 | 120.9 | 110.5 | 102.7 |
| 20° | 323.8 | 308.2 | 294.0 | 279.6 | 266.7 | 254.9 | 165.1 | 130.1 | 114.5 | 102.7 | 94.9 |
| 22.5° | 352.6 | 334.2 | 316.0 | 296.6 | 279.6 | 264.1 | 158.7 | 123.5 | 107.9 | 96.3 | 87.2 |
| 25° | 389.0 | 366.8 | 342.0 | 317.4 | 297.8 | 277.0 | 152.1 | 117.1 | 101.5 | 89.8 | 80.6 |
| 27.5° | 439.7 | 408.4 | 381.2 | 350.0 | 320.0 | 296.6 | 146.9 | 111.9 | 94.9 | 83.2 | 74.2 |
| 30° | 508.5 | 463.1 | 420.2 | 386.4 | 351.2 | 317.4 | 141.7 | 105.3 | 89.8 | 76.8 | 66.4 |
| 32.5° | 585.3 | 532.1 | 482.5 | 431.9 | 387.6 | 348.6 | 136.5 | 100.1 | 83.2 | 70.2 | 61.2 |
| 35° | 680.2 | 612.7 | 546.3 | 487.7 | 434.5 | 382.4 | 131.3 | 94.9 | 78.0 | 63.8 | 54.6 |
| 37.5° | 816.9 | 732.4 | 645.2 | 569.7 | 500.7 | 431.9 | 127.5 | 89.8 | 71.6 | 57.2 | 48.2 |
| 40° | 1004.2 | 894.9 | 788.3 | 685.6 | 595.7 | 509.9 | 122.3 | 84.6 | 66.4 | 52.0 | 43.0 |
| 42.5° | 1207.1 | 1074.4 | 933.9 | 818.1 | 694.6 | 586.7 | 117.1 | 79.4 | 61.2 | 46.8 | 37.8 |
| 45° | 1459.5 | 1294.3 | 1123.9 | 966.5 | 815.5 | 676.4 | 111.9 | 74.2 | 54.6 | 41.6 | 32.6 |
| 47.5° | 1735.2 | 1524.5 | 1332.0 | 1134.3 | 954.8 | 788.3 | 105.3 | 70.2 | 49.4 | 36.4 | 28.6 |
| 50° | 2018.8 | 1796.4 | 1553.1 | 1328.1 | 1114.8 | 900.1 | 98.9 | 63.8 | 44.2 | 32.6 | 23.4 |
| 52.5° | 2324.5 | 2061.8 | 1813.3 | 1533.5 | 1285.2 | 1047.2 | 92.3 | 58.6 | 40.4 | 28.6 | 19.6 |
| 55° | 2713.4 | 2419.4 | 2128.0 | 1814.6 | 1515.4 | 1217.5 | 85.9 | 52.0 | 35.2 | 24.8 | 15.6 |
| 57.5° | 3202.5 | 2853.9 | 2496.2 | 2142.4 | 1779.4 | 1441.2 | 80.6 | 45.6 | 30.0 | 20.8 | 13.0 |
| 60° | 3664.3 | 3257.1 | 2824.0 | 2416.8 | 2007.1 | 1612.9 | 72.8 | 40.4 | 26.0 | 17.0 | 13.0 |
| 62.5° | 3903.6 | 3439.2 | 2972.3 | 2523.5 | 2086.4 | 1674.1 | 65.0 | 33.8 | 22.2 | 14.4 | 11.8 |
| 65° | 3845.0 | 3371.6 | 2918.9 | 2466.2 | 2038.3 | 1635.1 | 57.2 | 30.0 | 19.6 | 13.0 | 11.8 |
| 66° | 3760.5 | 3292.3 | 2837.0 | 2406.4 | 1998.0 | 1593.5 | 53.4 | 28.6 | 18.2 | 13.0 | 10.4 |
| 67.5° | 3575.8 | 3123.2 | 2688.7 | 2288.1 | 1887.5 | 1514.1 | 48.2 | 26.0 | 17.0 | 11.8 | 10.4 |
| 70° | 3054.2 | 2643.1 | 2295.9 | 1939.5 | 1612.9 | 1276.1 | 39.0 | 22.2 | 14.4 | 10.4 | 10.4 |
| 72.5° | 2021.4 | 1741.8 | 1510.2 | 1299.5 | 1086.2 | 842.9 | 32.6 | 18.2 | 11.8 | 10.4 | 9.2 |
| 75° | 762.2 | 689.4 | 591.9 | 532.1 | 464.3 | 407.2 | 26.0 | 11.8 | 9.2 | 9.2 | 9.2 |
| 77.5° | 135.3 | 124.9 | 110.5 | 101.5 | 93.7 | 85.9 | 20.8 | 7.8 | 7.8 | 9.2 | 9.2 |
| 80° | 91.1 | 84.6 | 76.8 | 70.2 | 65.0 | 58.6 | 14.4 | 6.6 | 7.8 | 7.8 | 9.2 |
| 82.5° | 65.0 | 61.2 | 57.2 | 52.0 | 48.2 | 43.0 | 9.2 | 6.6 | 7.8 | 7.8 | 7.8 |
| 85° | 39.0 | 36.4 | 33.8 | 31.2 | 27.4 | 26.0 | 6.6 | 6.6 | 6.6 | 7.8 | 7.8 |
| 87.5° | 10.4 | 9.2 | 10.4 | 10.4 | 7.8 | 9.2 | 5.2 | 5.2 | 5.2 | 6.6 | 6.6 |
| 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: P162538

CATALOG NUMBER: CEM-E04-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 204.3 | 204.3 | 204.3 | 204.3 | 204.3 |
| 2.5° | 173.1 | 173.1 | 170.3 | 174.3 | 174.3 |
| 5° | 149.5 | 149.5 | 148.3 | 149.5 | 149.5 |
| 7.5° | 136.5 | 135.3 | 135.3 | 135.3 | 136.5 |
| 10° | 124.9 | 123.5 | 123.5 | 123.5 | 123.5 |
| 12.5° | 114.5 | 113.1 | 111.9 | 113.1 | 113.1 |
| 15° | 105.3 | 102.7 | 102.7 | 102.7 | 102.7 |
| 17.5° | 97.5 | 94.9 | 93.7 | 93.7 | 93.7 |
| 20° | 89.8 | 85.9 | 85.9 | 85.9 | 85.9 |
| 22.5° | 82.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 25° | 74.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 27.5° | 67.6 | 63.8 | 63.8 | 63.8 | 63.8 |
| 30° | 59.8 | 57.2 | 57.2 | 58.6 | 57.2 |
| 32.5° | 54.6 | 50.8 | 50.8 | 52.0 | 52.0 |
| 35° | 48.2 | 45.6 | 45.6 | 45.6 | 45.6 |
| 37.5° | 41.6 | 39.0 | 39.0 | 39.0 | 39.0 |
| 40° | 36.4 | 33.8 | 32.6 | 33.8 | 33.8 |
| 42.5° | 31.2 | 28.6 | 27.4 | 27.4 | 27.4 |
| 45° | 27.4 | 23.4 | 22.2 | 23.4 | 23.4 |
| 47.5° | 22.2 | 19.6 | 19.6 | 20.8 | 20.8 |
| 50° | 17.0 | 17.0 | 18.2 | 20.8 | 20.8 |
| 52.5° | 15.6 | 15.6 | 18.2 | 20.8 | 20.8 |
| 55° | 14.4 | 15.6 | 18.2 | 19.6 | 20.8 |
| 57.5° | 13.0 | 15.6 | 18.2 | 19.6 | 19.6 |
| 60° | 13.0 | 14.4 | 17.0 | 19.6 | 19.6 |
| 62.5° | 11.8 | 13.0 | 15.6 | 18.2 | 18.2 |
| 65° | 11.8 | 13.0 | 15.6 | 18.2 | 18.2 |
| 66° | 11.8 | 13.0 | 15.6 | 18.2 | 18.2 |
| 67.5° | 11.8 | 13.0 | 15.6 | 18.2 | 18.2 |
| 70° | 11.8 | 13.0 | 15.6 | 17.0 | 17.0 |
| 72.5° | 10.4 | 11.8 | 14.4 | 17.0 | 17.0 |
| 75° | 10.4 | 11.8 | 14.4 | 17.0 | 17.0 |
| 77.5° | 10.4 | 11.8 | 14.4 | 17.0 | 17.0 |
| 80° | 10.4 | 11.8 | 14.4 | 15.6 | 17.0 |
| 82.5° | 9.2 | 11.8 | 13.0 | 15.6 | 15.6 |
| 85° | 9.2 | 10.4 | 13.0 | 14.4 | 15.6 |
| 87.5° | 7.8 | 9.2 | 10.4 | 13.0 | 13.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)