

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: P162533

Luminaire Tested: **CEM-F03-LED-E-U-SL3-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P162533
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-F03-LED-E-U-SL3-HSS-7050
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4189.1 lumens
Efficiency: N/A
Efficacy: 53.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

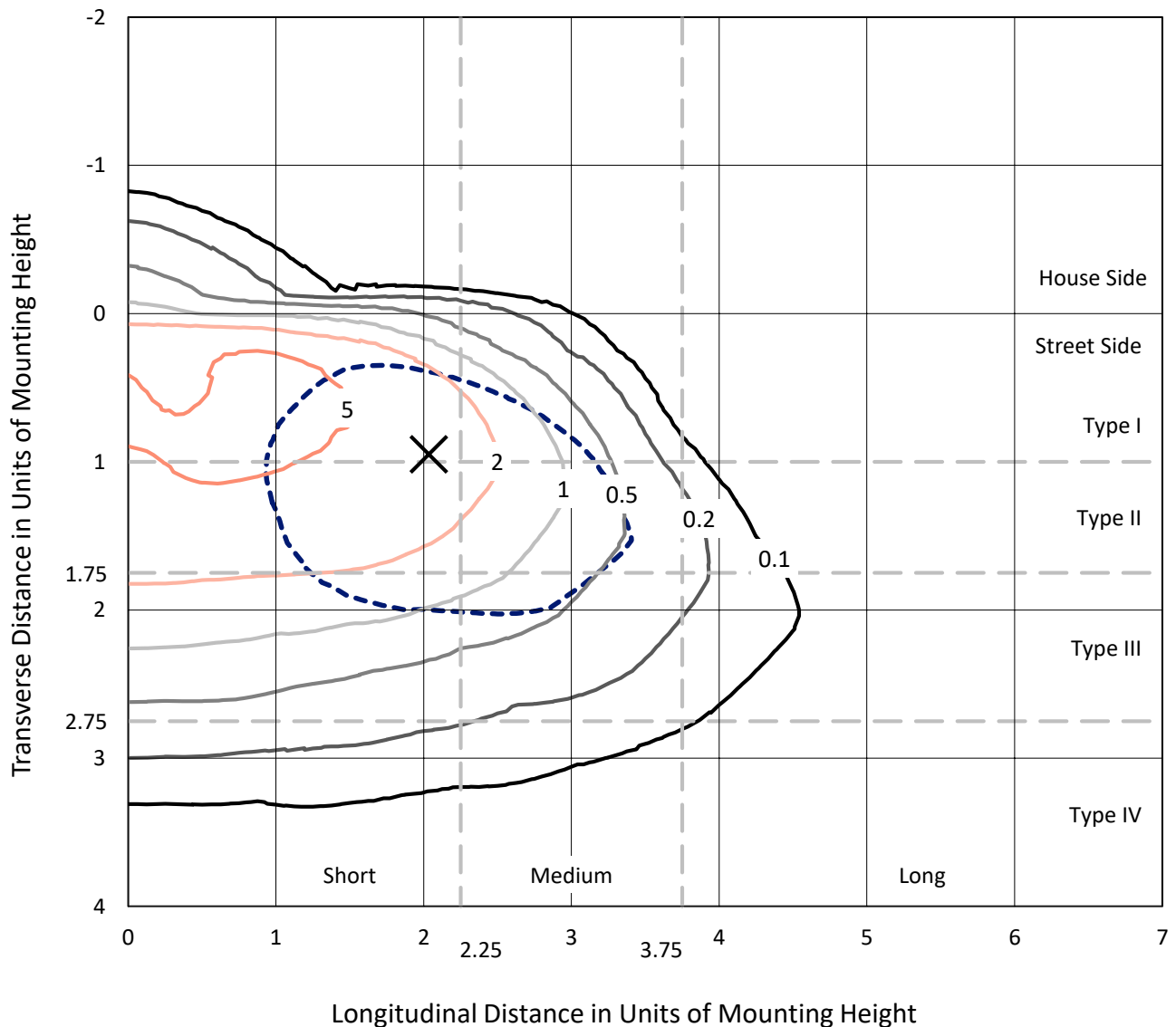
Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

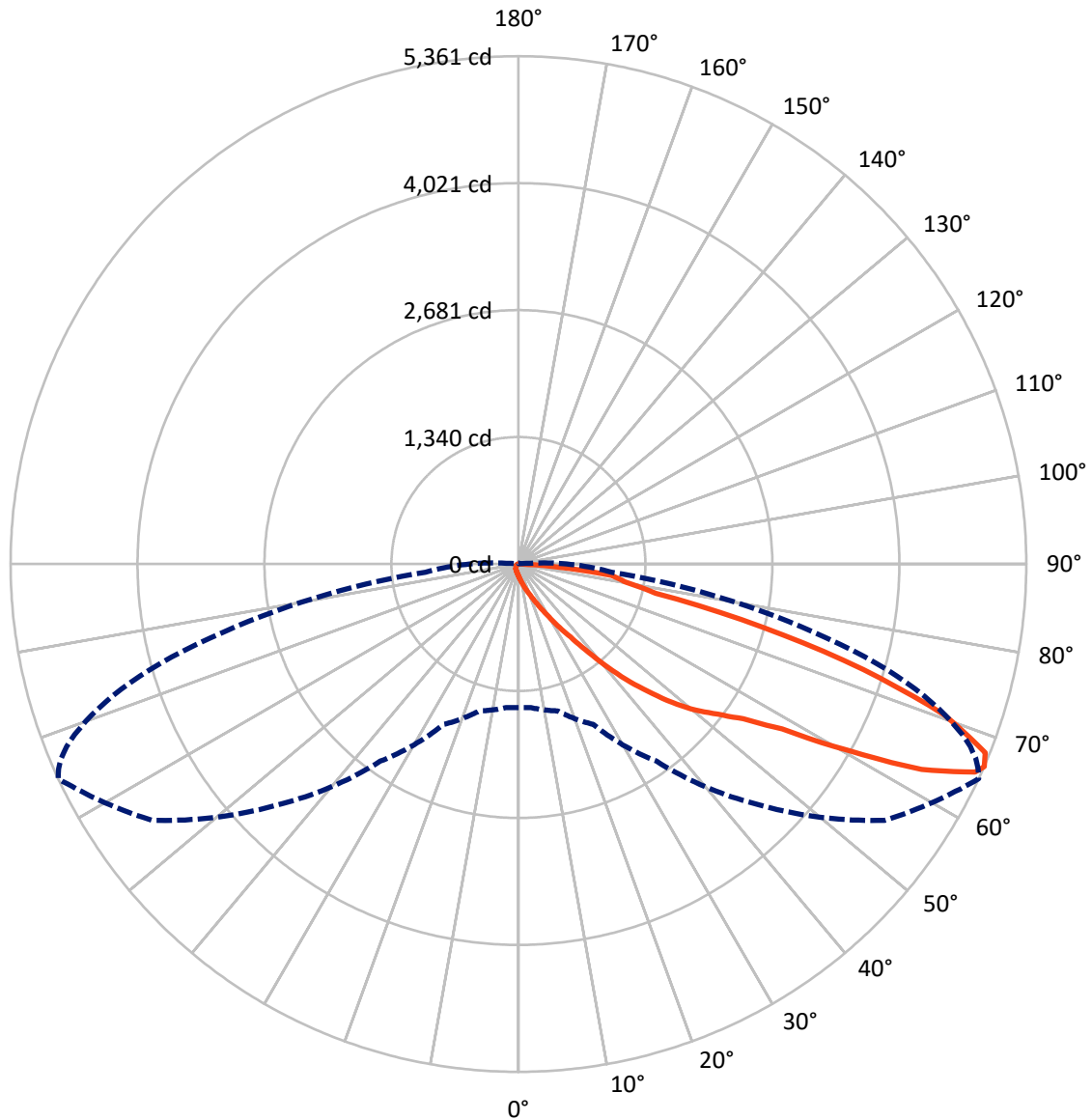
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 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 | 90.8 | 0.0 | 90.8 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 4098.3 | 0.0 | 4098.3 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 4189.1 | 0.0 | 4189.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.2 | 0.3 |
| 10°-20° | 60.0 | 1.4 |
| 20°-30° | 129.4 | 3.1 |
| 30°-40° | 276.4 | 6.6 |
| 40°-50° | 611.4 | 14.6 |
| 50°-60° | 1036.0 | 24.7 |
| 60°-70° | 1382.5 | 33.0 |
| 70°-80° | 609.0 | 14.5 |
| 80°-90° | 70.2 | 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° | 4189.1 | 100.0 |
| 0°-180° | 4189.1 | 100.0 |



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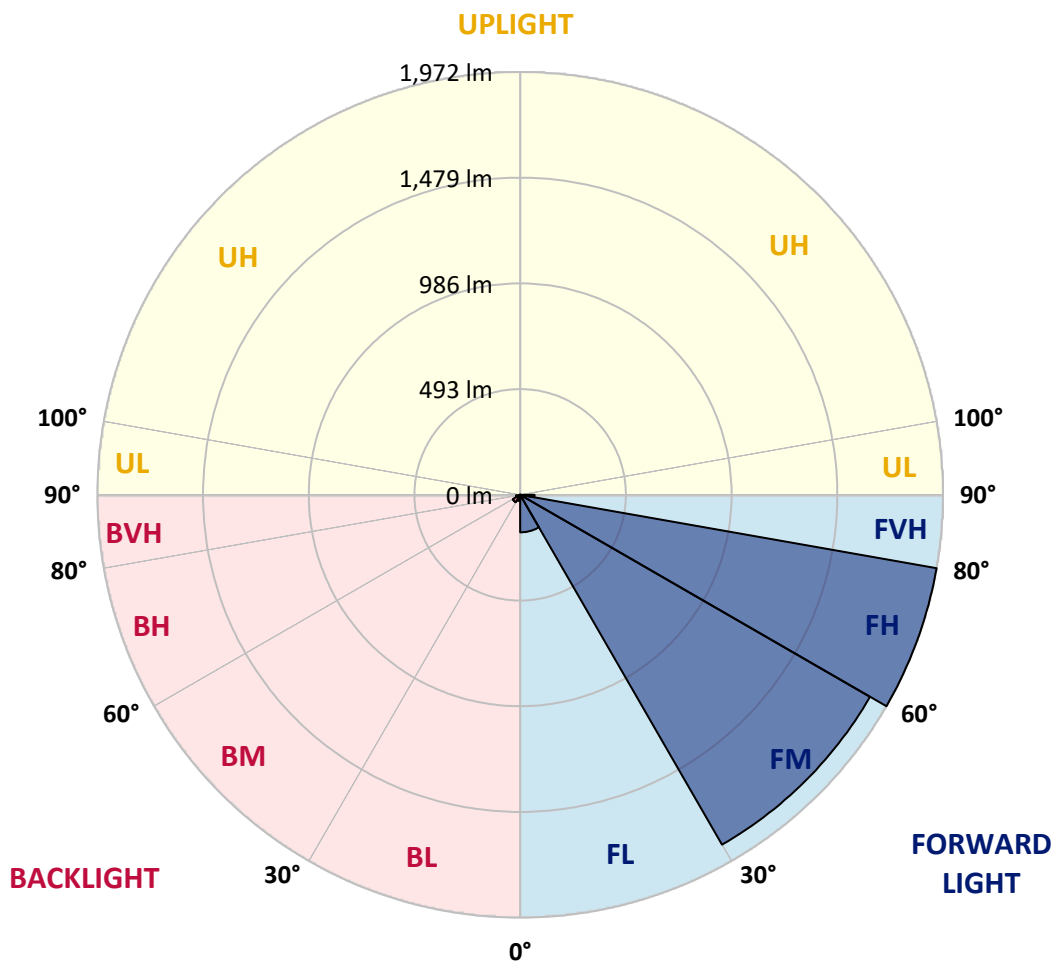
CATALOG NUMBER: CEM-F03-LED-E-U-SL3-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 175.0 | 4.2 | | | |
| FM | (30°-60°) | 1884.0 | 45.0 | | | |
| FH | (60°-80°) | 1972.0 | 47.1 | | | G2/5000 |
| FVH | (80°-90°) | 67.3 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 28.6 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 39.9 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 19.5 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 2.8 | 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: P162533

CATALOG NUMBER: CEM-F03-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 |
| 2.5° | 159.5 | 158.7 | 155.4 | 155.4 | 150.6 | 147.4 | 143.3 | 139.3 | 139.3 | 138.5 | 137.7 |
| 5° | 211.0 | 206.2 | 205.3 | 196.5 | 189.2 | 178.8 | 169.2 | 156.2 | 154.6 | 153.0 | 152.2 |
| 7.5° | 268.2 | 267.4 | 260.1 | 249.6 | 235.1 | 215.8 | 196.5 | 175.6 | 172.4 | 170.8 | 167.6 |
| 10° | 342.3 | 338.2 | 328.6 | 310.9 | 289.1 | 263.4 | 231.9 | 198.9 | 194.9 | 191.7 | 190.1 |
| 12.5° | 413.1 | 405.9 | 400.2 | 377.7 | 350.4 | 312.5 | 274.6 | 227.1 | 223.9 | 219.9 | 213.5 |
| 15° | 479.2 | 472.8 | 463.1 | 443.8 | 413.1 | 365.6 | 321.4 | 263.4 | 255.3 | 249.6 | 244.8 |
| 17.5° | 530.8 | 526.7 | 515.4 | 493.7 | 460.6 | 418.8 | 365.6 | 300.4 | 293.9 | 286.7 | 277.8 |
| 20° | 579.8 | 574.2 | 556.5 | 526.7 | 491.3 | 459.0 | 417.9 | 348.7 | 339.8 | 331.0 | 321.4 |
| 22.5° | 626.6 | 620.9 | 591.9 | 542.8 | 504.9 | 491.3 | 476.7 | 403.5 | 389.8 | 382.5 | 372.9 |
| 25° | 691.8 | 679.7 | 634.6 | 556.5 | 505.8 | 516.2 | 541.2 | 474.4 | 461.5 | 451.0 | 435.7 |
| 27.5° | 779.6 | 763.5 | 692.7 | 576.6 | 509.0 | 543.7 | 615.3 | 560.5 | 546.9 | 534.8 | 517.8 |
| 30° | 878.7 | 868.2 | 783.6 | 625.0 | 532.4 | 583.9 | 698.2 | 670.0 | 653.9 | 639.5 | 619.3 |
| 32.5° | 978.5 | 964.1 | 880.3 | 716.8 | 595.2 | 662.0 | 802.2 | 797.4 | 776.3 | 762.7 | 740.9 |
| 35° | 1066.3 | 1059.0 | 997.0 | 867.4 | 738.5 | 799.0 | 940.7 | 946.3 | 927.8 | 913.3 | 889.1 |
| 37.5° | 1125.9 | 1125.9 | 1113.8 | 1029.3 | 966.4 | 1011.6 | 1144.4 | 1145.2 | 1126.7 | 1093.7 | 1081.6 |
| 40° | 1156.5 | 1165.3 | 1208.9 | 1225.0 | 1221.7 | 1279.8 | 1411.8 | 1397.3 | 1382.0 | 1365.1 | 1324.8 |
| 42.5° | 1219.4 | 1227.4 | 1320.0 | 1431.1 | 1503.6 | 1580.1 | 1671.1 | 1666.3 | 1647.8 | 1617.2 | 1580.1 |
| 45° | 1325.7 | 1336.1 | 1446.5 | 1622.8 | 1771.8 | 1880.5 | 1938.5 | 1916.0 | 1897.4 | 1868.5 | 1849.1 |
| 47.5° | 1461.0 | 1481.0 | 1605.9 | 1824.2 | 2003.8 | 2183.3 | 2243.7 | 2184.2 | 2168.0 | 2145.5 | 2114.0 |
| 50° | 1605.1 | 1624.4 | 1757.3 | 2007.0 | 2209.9 | 2424.2 | 2524.8 | 2424.2 | 2400.8 | 2393.6 | 2358.1 |
| 52.5° | 1729.9 | 1746.0 | 1874.1 | 2147.9 | 2367.7 | 2619.1 | 2765.6 | 2632.7 | 2615.9 | 2591.6 | 2565.9 |
| 55° | 1804.0 | 1816.9 | 1936.9 | 2215.5 | 2474.9 | 2794.6 | 2998.4 | 2881.6 | 2856.6 | 2846.9 | 2809.9 |
| 57.5° | 1829.0 | 1841.9 | 1949.8 | 2224.4 | 2532.8 | 2954.9 | 3281.1 | 3285.1 | 3255.3 | 3220.7 | 3209.4 |
| 60° | 1829.0 | 1843.5 | 1934.5 | 2202.7 | 2589.3 | 3125.6 | 3658.0 | 3993.8 | 3929.4 | 3923.0 | 3881.9 |
| 62.5° | 1753.3 | 1767.0 | 1858.8 | 2135.8 | 2665.0 | 3355.9 | 4183.0 | 4775.8 | 4757.3 | 4715.4 | 4647.7 |
| 65° | 1588.9 | 1597.1 | 1687.2 | 1965.1 | 2635.9 | 3567.8 | 4638.1 | 5296.1 | 5266.3 | 5184.1 | 5097.2 |
| 66° | 1514.9 | 1521.3 | 1605.9 | 1867.6 | 2540.9 | 3596.8 | 4718.6 | 5361.3 | 5312.2 | 5242.9 | 5144.7 |
| 67.5° | 1407.8 | 1419.0 | 1478.7 | 1686.4 | 2313.0 | 3496.1 | 4667.9 | 5315.4 | 5272.7 | 5188.9 | 5090.8 |
| 70° | 939.8 | 931.8 | 1142.0 | 1294.2 | 1762.2 | 2848.5 | 4187.9 | 4772.6 | 4773.4 | 4734.0 | 4694.5 |
| 72.5° | 446.2 | 451.0 | 512.2 | 796.5 | 1153.3 | 1903.0 | 3333.4 | 3809.4 | 3864.1 | 3793.3 | 3744.2 |
| 75° | 320.5 | 327.8 | 364.8 | 487.2 | 687.7 | 1142.0 | 2160.8 | 2664.1 | 2665.7 | 2540.1 | 2428.1 |
| 77.5° | 93.4 | 97.4 | 136.9 | 300.4 | 515.4 | 770.8 | 1241.1 | 1481.0 | 1446.5 | 1356.3 | 1271.7 |
| 80° | 38.6 | 38.6 | 40.2 | 95.8 | 206.9 | 523.5 | 868.2 | 1140.4 | 1136.4 | 1101.7 | 1051.8 |
| 82.5° | 14.5 | 15.3 | 19.3 | 39.5 | 49.1 | 128.8 | 579.1 | 989.8 | 987.4 | 938.2 | 902.8 |
| 85° | 1.6 | 1.6 | 4.8 | 16.9 | 18.6 | 24.1 | 116.0 | 436.5 | 434.1 | 436.5 | 382.5 |
| 87.5° | 0.0 | 0.0 | 0.8 | 1.6 | 2.5 | 3.2 | 4.8 | 16.9 | 18.6 | 17.7 | 16.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: CEM-F03-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 |
| 2.5° | 137.7 | 136.1 | 136.1 | 135.3 | 135.3 | 135.3 | 134.5 | 133.7 | 133.7 | 132.9 | 132.1 |
| 5° | 150.6 | 149.0 | 148.2 | 146.5 | 145.8 | 144.9 | 143.3 | 142.6 | 141.0 | 140.1 | 139.3 |
| 7.5° | 165.9 | 162.7 | 161.9 | 159.5 | 157.0 | 155.4 | 153.8 | 151.4 | 149.8 | 146.5 | 145.8 |
| 10° | 185.3 | 181.2 | 178.0 | 174.8 | 172.4 | 168.3 | 165.9 | 162.7 | 159.5 | 157.0 | 154.6 |
| 12.5° | 210.2 | 204.6 | 199.7 | 196.5 | 190.8 | 186.0 | 181.2 | 178.8 | 172.4 | 169.2 | 165.1 |
| 15° | 237.6 | 231.2 | 225.5 | 219.1 | 215.1 | 206.9 | 200.5 | 193.3 | 190.1 | 184.4 | 178.0 |
| 17.5° | 273.0 | 262.5 | 253.7 | 247.3 | 239.2 | 231.2 | 223.9 | 216.7 | 206.9 | 200.5 | 192.5 |
| 20° | 310.9 | 302.0 | 290.0 | 278.7 | 269.0 | 259.3 | 248.9 | 239.2 | 230.3 | 219.9 | 210.2 |
| 22.5° | 359.2 | 346.3 | 331.8 | 320.5 | 307.7 | 297.2 | 282.7 | 269.8 | 255.3 | 241.6 | 230.3 |
| 25° | 420.4 | 403.5 | 389.8 | 373.7 | 358.4 | 342.3 | 324.6 | 308.4 | 290.0 | 277.1 | 257.7 |
| 27.5° | 496.1 | 480.0 | 461.5 | 440.6 | 425.2 | 401.1 | 377.7 | 357.6 | 335.9 | 315.7 | 293.9 |
| 30° | 592.8 | 569.4 | 550.1 | 529.9 | 499.4 | 476.0 | 448.6 | 421.2 | 391.4 | 371.3 | 338.2 |
| 32.5° | 708.7 | 683.8 | 654.8 | 625.7 | 597.6 | 564.6 | 530.8 | 496.9 | 463.9 | 426.8 | 393.0 |
| 35° | 850.5 | 820.6 | 787.6 | 756.3 | 712.7 | 677.3 | 634.6 | 588.0 | 550.9 | 508.2 | 465.5 |
| 37.5° | 1038.1 | 989.0 | 960.0 | 927.0 | 868.2 | 819.9 | 772.4 | 725.6 | 660.4 | 615.3 | 554.9 |
| 40° | 1273.3 | 1244.3 | 1196.7 | 1143.6 | 1090.4 | 1026.8 | 962.4 | 900.4 | 824.7 | 761.9 | 691.8 |
| 42.5° | 1549.6 | 1506.9 | 1458.5 | 1382.0 | 1328.0 | 1253.2 | 1179.9 | 1097.7 | 1005.1 | 924.6 | 842.4 |
| 45° | 1808.8 | 1758.1 | 1721.1 | 1644.6 | 1588.2 | 1499.6 | 1411.0 | 1324.0 | 1216.9 | 1113.1 | 1018.0 |
| 47.5° | 2089.1 | 2047.2 | 1986.1 | 1924.0 | 1866.9 | 1767.0 | 1671.1 | 1565.6 | 1452.9 | 1329.7 | 1206.4 |
| 50° | 2335.6 | 2302.5 | 2260.7 | 2185.8 | 2122.2 | 2038.4 | 1925.7 | 1810.5 | 1667.9 | 1545.5 | 1405.4 |
| 52.5° | 2545.0 | 2519.2 | 2460.4 | 2407.2 | 2350.0 | 2271.1 | 2170.5 | 2060.1 | 1906.3 | 1771.8 | 1612.3 |
| 55° | 2792.2 | 2773.7 | 2722.2 | 2689.1 | 2638.4 | 2562.7 | 2468.5 | 2366.1 | 2203.5 | 2056.9 | 1876.5 |
| 57.5° | 3197.3 | 3182.8 | 3137.7 | 3124.0 | 3074.1 | 3008.1 | 2892.1 | 2782.6 | 2592.5 | 2410.4 | 2204.3 |
| 60° | 3868.2 | 3839.2 | 3773.1 | 3739.3 | 3633.8 | 3545.2 | 3394.7 | 3244.0 | 3014.5 | 2782.6 | 2534.5 |
| 62.5° | 4586.6 | 4505.3 | 4379.6 | 4271.6 | 4121.9 | 3968.0 | 3766.7 | 3536.4 | 3267.3 | 2992.0 | 2706.8 |
| 65° | 4973.9 | 4835.4 | 4676.8 | 4505.3 | 4311.1 | 4084.9 | 3831.2 | 3554.9 | 3265.7 | 2975.0 | 2673.8 |
| 66° | 5018.2 | 4862.0 | 4693.6 | 4502.8 | 4287.0 | 4046.1 | 3788.5 | 3498.5 | 3198.1 | 2914.6 | 2613.4 |
| 67.5° | 4962.7 | 4799.2 | 4621.2 | 4409.4 | 4175.8 | 3926.2 | 3655.6 | 3354.3 | 3065.2 | 2777.7 | 2484.6 |
| 70° | 4573.7 | 4411.0 | 4252.3 | 4029.3 | 3780.4 | 3529.1 | 3273.0 | 2936.4 | 2662.5 | 2398.4 | 2137.4 |
| 72.5° | 3652.3 | 3542.0 | 3384.9 | 3194.1 | 2951.6 | 2656.9 | 2443.5 | 2142.3 | 1904.6 | 1648.6 | 1446.5 |
| 75° | 2282.4 | 2127.0 | 1932.9 | 1689.7 | 1504.4 | 1265.2 | 1140.4 | 911.7 | 776.3 | 658.0 | 543.7 |
| 77.5° | 1167.0 | 1050.2 | 914.1 | 777.2 | 645.9 | 515.4 | 398.6 | 281.9 | 190.1 | 132.1 | 98.3 |
| 80° | 964.1 | 861.0 | 748.2 | 623.4 | 507.4 | 393.8 | 283.5 | 193.3 | 123.2 | 80.6 | 62.9 |
| 82.5° | 796.5 | 709.5 | 608.9 | 492.9 | 392.2 | 309.3 | 215.1 | 140.1 | 87.0 | 56.4 | 44.3 |
| 85° | 339.1 | 307.7 | 237.6 | 188.5 | 141.7 | 104.7 | 73.3 | 49.1 | 34.6 | 28.2 | 25.8 |
| 87.5° | 14.5 | 16.1 | 15.3 | 12.1 | 8.9 | 8.9 | 8.0 | 6.4 | 6.4 | 6.4 | 6.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: CEM-F03-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 |
| 2.5° | 132.1 | 131.3 | 130.4 | 130.4 | 129.7 | 128.8 | 124.0 | 120.0 | 115.2 | 112.0 | 108.8 |
| 5° | 137.7 | 136.9 | 135.3 | 134.5 | 132.9 | 132.1 | 121.6 | 112.7 | 105.5 | 99.9 | 95.8 |
| 7.5° | 143.3 | 142.6 | 140.1 | 137.7 | 136.9 | 135.3 | 118.4 | 107.2 | 97.4 | 91.0 | 87.0 |
| 10° | 150.6 | 148.2 | 145.8 | 142.6 | 140.1 | 137.7 | 115.2 | 100.6 | 90.2 | 84.5 | 80.6 |
| 12.5° | 161.1 | 157.0 | 153.0 | 149.0 | 145.8 | 141.7 | 113.6 | 95.0 | 84.5 | 78.1 | 74.1 |
| 15° | 173.1 | 167.6 | 162.7 | 157.8 | 152.2 | 148.2 | 110.4 | 90.2 | 79.7 | 73.3 | 68.4 |
| 17.5° | 184.4 | 178.0 | 170.8 | 163.5 | 157.8 | 152.2 | 107.2 | 85.4 | 74.9 | 68.4 | 63.6 |
| 20° | 200.5 | 190.8 | 182.0 | 173.1 | 165.1 | 157.8 | 102.2 | 80.6 | 70.9 | 63.6 | 58.8 |
| 22.5° | 218.3 | 206.9 | 195.7 | 183.6 | 173.1 | 163.5 | 98.3 | 76.5 | 66.8 | 59.6 | 54.0 |
| 25° | 240.8 | 227.1 | 211.8 | 196.5 | 184.4 | 171.5 | 94.2 | 72.5 | 62.9 | 55.6 | 49.9 |
| 27.5° | 272.3 | 252.9 | 236.0 | 216.7 | 198.1 | 183.6 | 91.0 | 69.3 | 58.8 | 51.5 | 45.9 |
| 30° | 314.9 | 286.7 | 260.1 | 239.2 | 217.4 | 196.5 | 87.8 | 65.2 | 55.6 | 47.5 | 41.1 |
| 32.5° | 362.4 | 329.4 | 298.8 | 267.4 | 240.0 | 215.8 | 84.5 | 62.0 | 51.5 | 43.5 | 37.9 |
| 35° | 421.2 | 379.3 | 338.2 | 302.0 | 269.0 | 236.8 | 81.3 | 58.8 | 48.3 | 39.5 | 33.8 |
| 37.5° | 505.8 | 453.4 | 399.5 | 352.7 | 310.0 | 267.4 | 78.9 | 55.6 | 44.3 | 35.4 | 29.8 |
| 40° | 621.8 | 554.1 | 488.1 | 424.5 | 368.8 | 315.7 | 75.7 | 52.3 | 41.1 | 32.2 | 26.6 |
| 42.5° | 747.4 | 665.2 | 578.2 | 506.6 | 430.1 | 363.2 | 72.5 | 49.1 | 37.9 | 29.0 | 23.4 |
| 45° | 903.7 | 801.3 | 695.9 | 598.4 | 504.9 | 418.8 | 69.3 | 45.9 | 33.8 | 25.8 | 20.2 |
| 47.5° | 1074.3 | 943.9 | 824.7 | 702.3 | 591.2 | 488.1 | 65.2 | 43.5 | 30.6 | 22.5 | 17.7 |
| 50° | 1249.9 | 1112.2 | 961.6 | 822.3 | 690.2 | 557.3 | 61.2 | 39.5 | 27.4 | 20.2 | 14.5 |
| 52.5° | 1439.2 | 1276.5 | 1122.7 | 949.5 | 795.7 | 648.4 | 57.2 | 36.3 | 25.0 | 17.7 | 12.1 |
| 55° | 1680.0 | 1498.0 | 1317.5 | 1123.5 | 938.2 | 753.8 | 53.2 | 32.2 | 21.8 | 15.3 | 9.7 |
| 57.5° | 1982.8 | 1767.0 | 1545.5 | 1326.4 | 1101.7 | 892.3 | 49.9 | 28.2 | 18.6 | 12.9 | 8.0 |
| 60° | 2268.7 | 2016.6 | 1748.4 | 1496.4 | 1242.7 | 998.6 | 45.1 | 25.0 | 16.1 | 10.5 | 8.0 |
| 62.5° | 2416.9 | 2129.4 | 1840.3 | 1562.4 | 1291.8 | 1036.5 | 40.2 | 20.9 | 13.7 | 8.9 | 7.3 |
| 65° | 2380.6 | 2087.5 | 1807.2 | 1526.9 | 1262.0 | 1012.3 | 35.4 | 18.6 | 12.1 | 8.0 | 7.3 |
| 66° | 2328.3 | 2038.4 | 1756.5 | 1489.9 | 1237.1 | 986.6 | 33.0 | 17.7 | 11.3 | 8.0 | 6.4 |
| 67.5° | 2213.9 | 1933.7 | 1664.7 | 1416.6 | 1168.6 | 937.5 | 29.8 | 16.1 | 10.5 | 7.3 | 6.4 |
| 70° | 1891.0 | 1636.5 | 1421.5 | 1200.8 | 998.6 | 790.1 | 24.1 | 13.7 | 8.9 | 6.4 | 6.4 |
| 72.5° | 1251.6 | 1078.4 | 935.0 | 804.6 | 672.5 | 521.9 | 20.2 | 11.3 | 7.3 | 6.4 | 5.7 |
| 75° | 471.9 | 426.8 | 366.4 | 329.4 | 287.5 | 252.1 | 16.1 | 7.3 | 5.7 | 5.7 | 5.7 |
| 77.5° | 83.8 | 77.3 | 68.4 | 62.9 | 58.0 | 53.2 | 12.9 | 4.8 | 4.8 | 5.7 | 5.7 |
| 80° | 56.4 | 52.3 | 47.5 | 43.5 | 40.2 | 36.3 | 8.9 | 4.1 | 4.8 | 4.8 | 5.7 |
| 82.5° | 40.2 | 37.9 | 35.4 | 32.2 | 29.8 | 26.6 | 5.7 | 4.1 | 4.8 | 4.8 | 4.8 |
| 85° | 24.1 | 22.5 | 20.9 | 19.3 | 16.9 | 16.1 | 4.1 | 4.1 | 4.1 | 4.8 | 4.8 |
| 87.5° | 6.4 | 5.7 | 6.4 | 6.4 | 4.8 | 5.7 | 3.2 | 3.2 | 3.2 | 4.1 | 4.1 |
| 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: P162533

CATALOG NUMBER: CEM-F03-LED-E-U-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 126.5 | 126.5 | 126.5 | 126.5 | 126.5 |
| 2.5° | 107.2 | 107.2 | 105.5 | 107.9 | 107.9 |
| 5° | 92.6 | 92.6 | 91.8 | 92.6 | 92.6 |
| 7.5° | 84.5 | 83.8 | 83.8 | 83.8 | 84.5 |
| 10° | 77.3 | 76.5 | 76.5 | 76.5 | 76.5 |
| 12.5° | 70.9 | 70.1 | 69.3 | 70.1 | 70.1 |
| 15° | 65.2 | 63.6 | 63.6 | 63.6 | 63.6 |
| 17.5° | 60.4 | 58.8 | 58.0 | 58.0 | 58.0 |
| 20° | 55.6 | 53.2 | 53.2 | 53.2 | 53.2 |
| 22.5° | 50.7 | 48.3 | 48.3 | 48.3 | 48.3 |
| 25° | 45.9 | 43.5 | 43.5 | 43.5 | 43.5 |
| 27.5° | 41.8 | 39.5 | 39.5 | 39.5 | 39.5 |
| 30° | 37.0 | 35.4 | 35.4 | 36.3 | 35.4 |
| 32.5° | 33.8 | 31.4 | 31.4 | 32.2 | 32.2 |
| 35° | 29.8 | 28.2 | 28.2 | 28.2 | 28.2 |
| 37.5° | 25.8 | 24.1 | 24.1 | 24.1 | 24.1 |
| 40° | 22.5 | 20.9 | 20.2 | 20.9 | 20.9 |
| 42.5° | 19.3 | 17.7 | 16.9 | 16.9 | 16.9 |
| 45° | 16.9 | 14.5 | 13.7 | 14.5 | 14.5 |
| 47.5° | 13.7 | 12.1 | 12.1 | 12.9 | 12.9 |
| 50° | 10.5 | 10.5 | 11.3 | 12.9 | 12.9 |
| 52.5° | 9.7 | 9.7 | 11.3 | 12.9 | 12.9 |
| 55° | 8.9 | 9.7 | 11.3 | 12.1 | 12.9 |
| 57.5° | 8.0 | 9.7 | 11.3 | 12.1 | 12.1 |
| 60° | 8.0 | 8.9 | 10.5 | 12.1 | 12.1 |
| 62.5° | 7.3 | 8.0 | 9.7 | 11.3 | 11.3 |
| 65° | 7.3 | 8.0 | 9.7 | 11.3 | 11.3 |
| 66° | 7.3 | 8.0 | 9.7 | 11.3 | 11.3 |
| 67.5° | 7.3 | 8.0 | 9.7 | 11.3 | 11.3 |
| 70° | 7.3 | 8.0 | 9.7 | 10.5 | 10.5 |
| 72.5° | 6.4 | 7.3 | 8.9 | 10.5 | 10.5 |
| 75° | 6.4 | 7.3 | 8.9 | 10.5 | 10.5 |
| 77.5° | 6.4 | 7.3 | 8.9 | 10.5 | 10.5 |
| 80° | 6.4 | 7.3 | 8.9 | 9.7 | 10.5 |
| 82.5° | 5.7 | 7.3 | 8.0 | 9.7 | 9.7 |
| 85° | 5.7 | 6.4 | 8.0 | 8.9 | 9.7 |
| 87.5° | 4.8 | 5.7 | 6.4 | 8.0 | 8.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)