

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: P154229

Luminaire Tested: **AVM-E05-LED-E-U-T2-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P154229
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-E05-LED-E-U-T2-HSS-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD
Light Source: (105) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7312.7 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

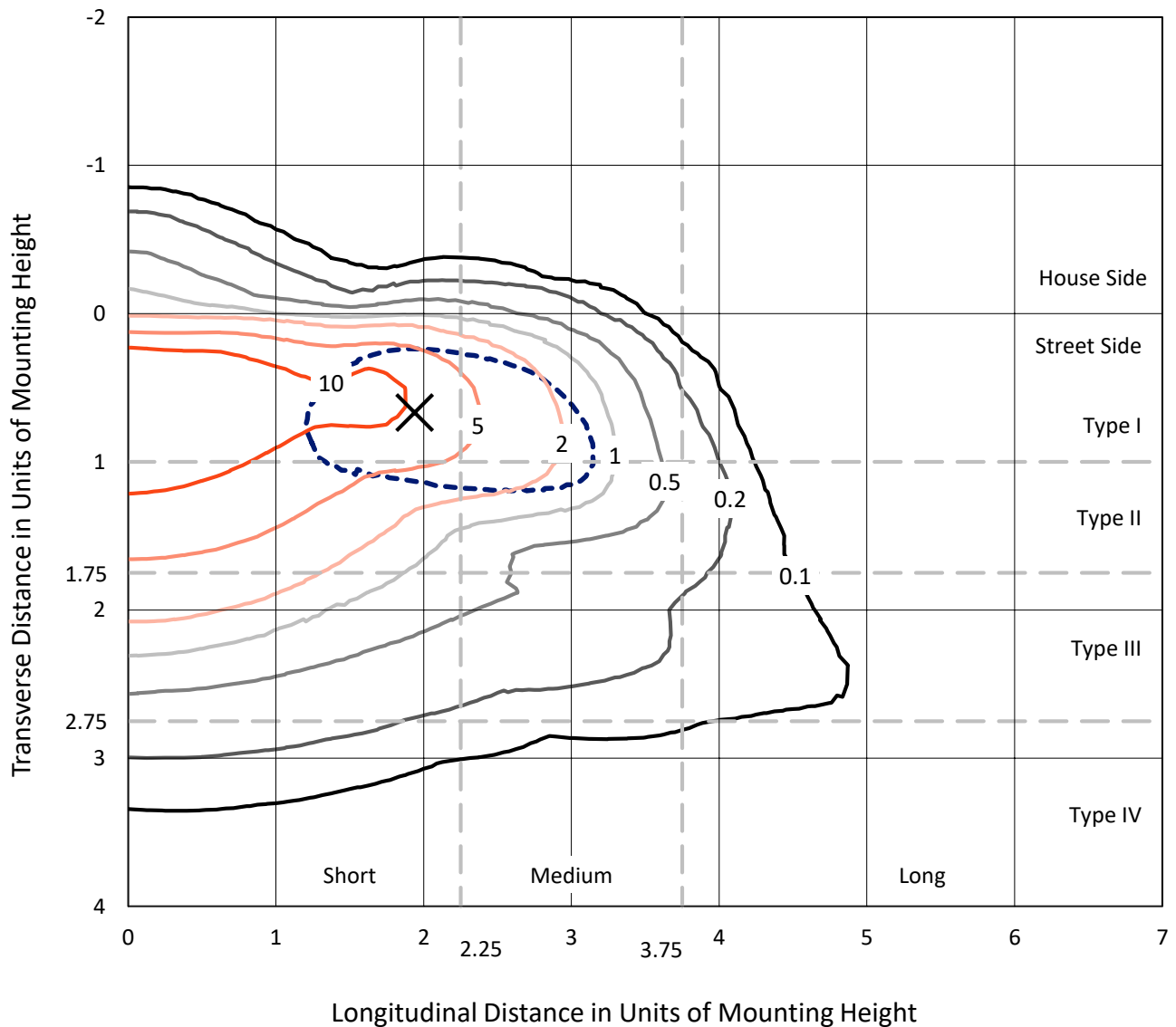
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

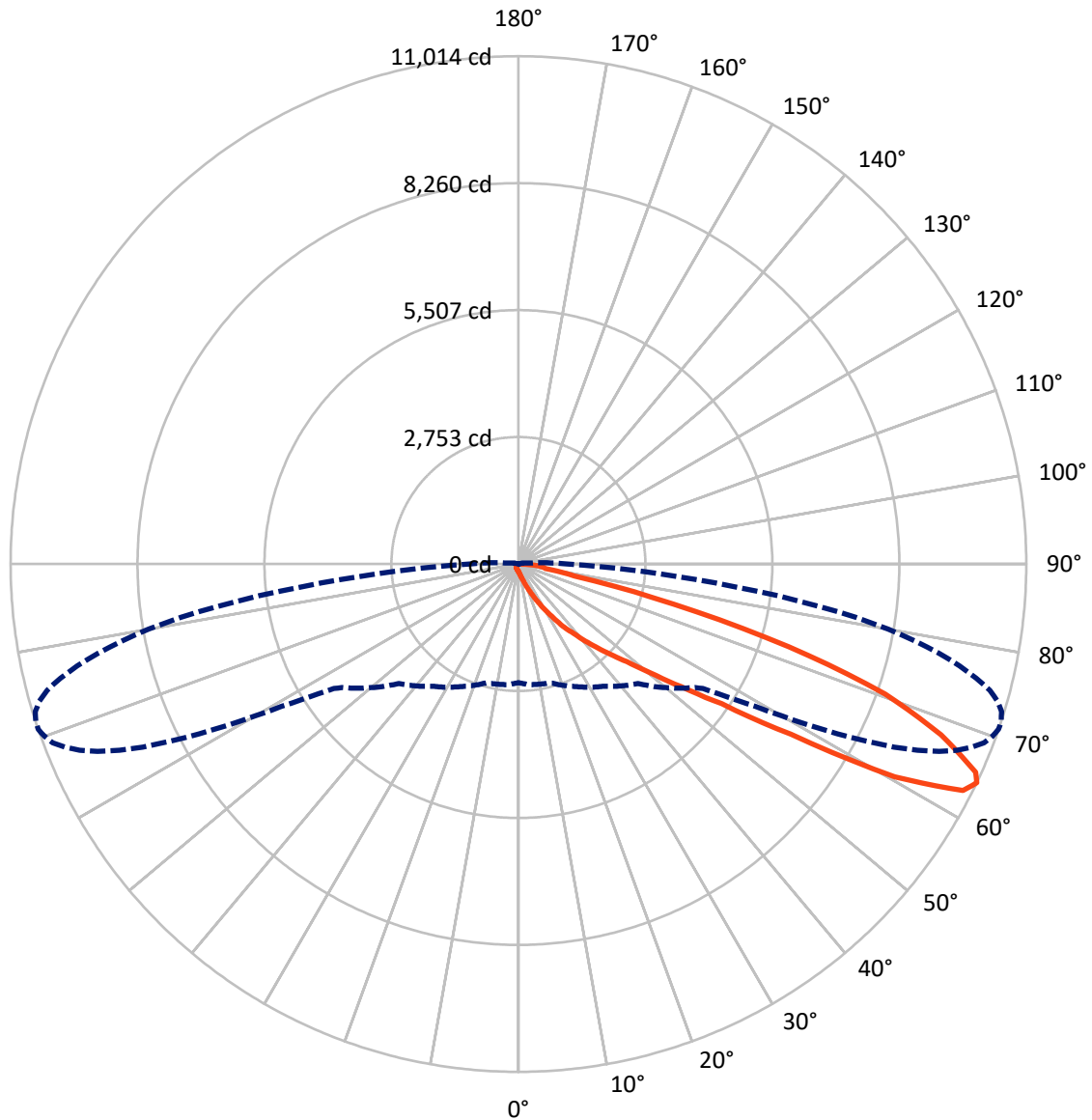


Based on 10 foot mounting height. Maximum calculated value = 14.2 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

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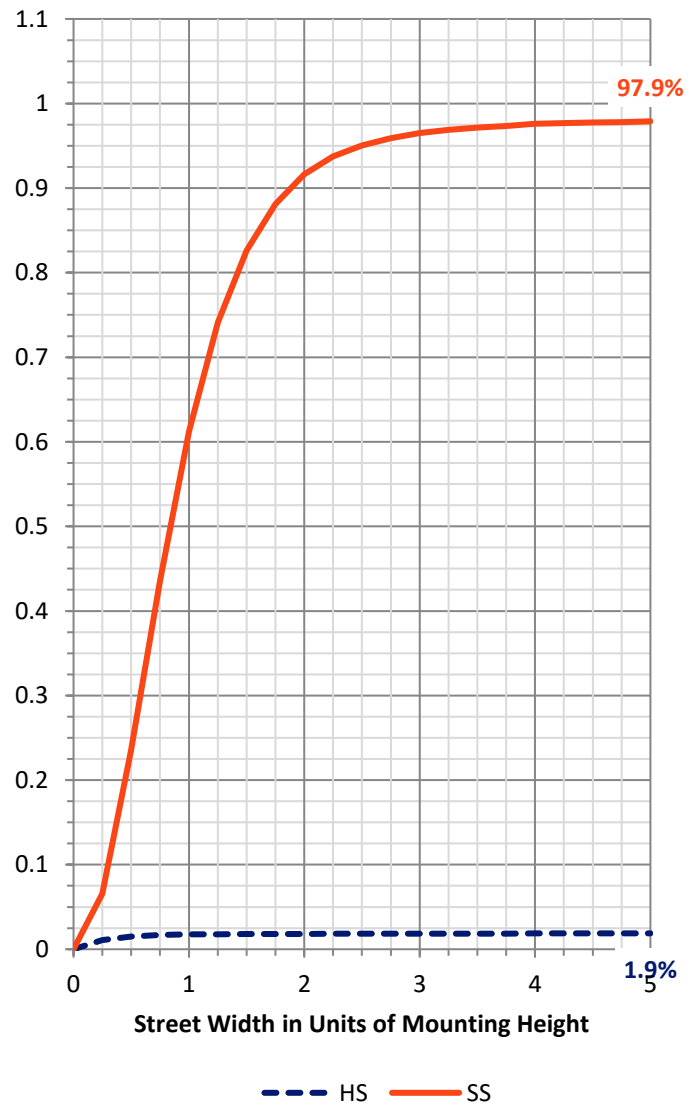
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 140.0 | 0.0 | 140.0 |
| | % Fixture | 1.9 | 0.0 | 1.9 |
| Street Side | Lumens | 7172.7 | 0.0 | 7172.7 |
| | % Fixture | 98.1 | 0.0 | 98.1 |
| Total | Lumens | 7312.7 | 0.0 | 7312.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 22.4 | 0.3 |
| 10°-20° | 132.2 | 1.8 |
| 20°-30° | 337.7 | 4.6 |
| 30°-40° | 683.1 | 9.3 |
| 40°-50° | 1248.6 | 17.1 |
| 50°-60° | 1945.3 | 26.6 |
| 60°-70° | 2162.3 | 29.6 |
| 70°-80° | 705.2 | 9.6 |
| 80°-90° | 75.9 | 1.0 |
| 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° | 7312.7 | 100.0 |
| 0°-180° | 7312.7 | 100.0 |



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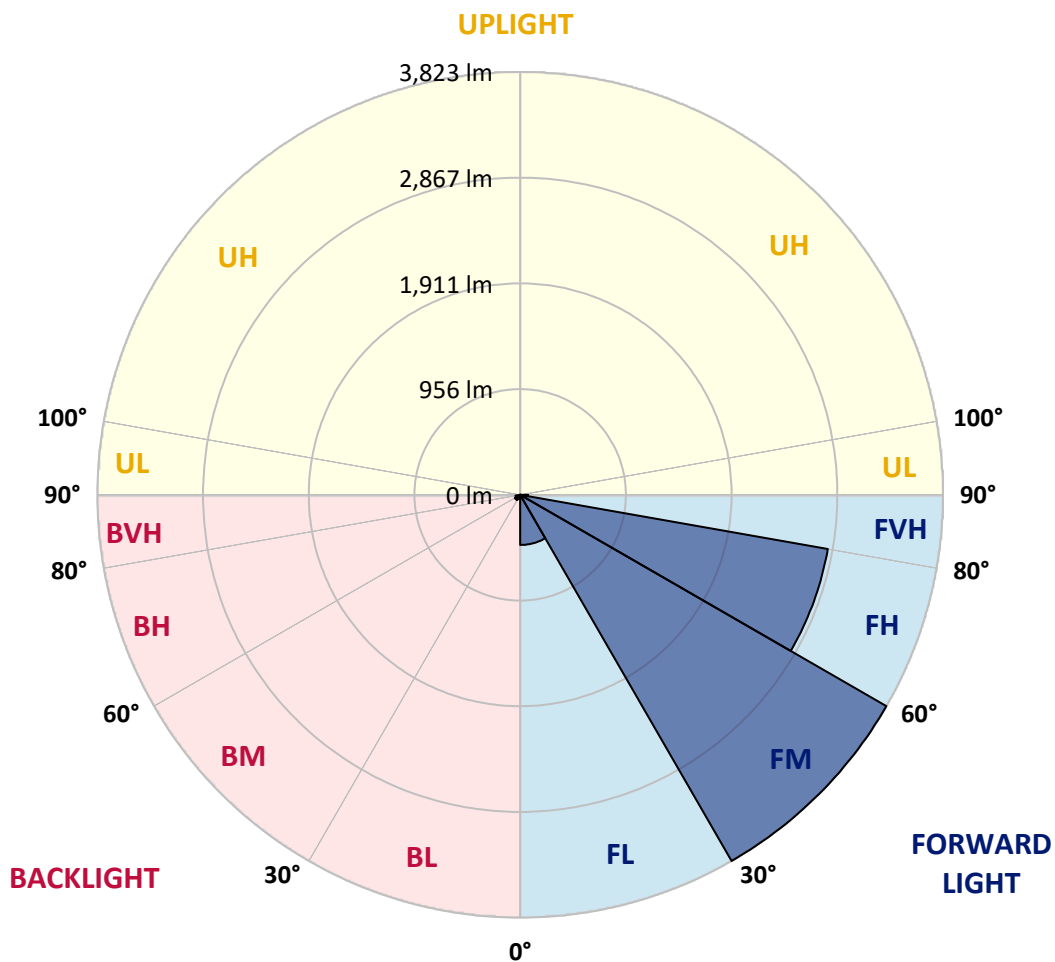
CATALOG NUMBER: AVM-E05-LED-E-U-T2-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 453.3 | 6.2 | | | |
| FM (30°-60°) | 3822.9 | 52.3 | | | |
| FH (60°-80°) | 2824.2 | 38.6 | | | G2/5000 |
| FVH (80°-90°) | 72.2 | 1.0 | | | G1/100 |
| BL (0°-30°) | 39.0 | 0.5 | B0/110 | | |
| BM (30°-60°) | 54.1 | 0.7 | B0/220 | | |
| BH (60°-80°) | 43.2 | 0.6 | B0/110 | | G0/110 |
| BVH (80°-90°) | 3.7 | 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 II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 |
| 2.5° | 219.2 | 216.2 | 216.2 | 211.6 | 205.5 | 199.4 | 193.3 | 191.8 | 190.3 | 188.8 | 188.8 |
| 5° | 344.0 | 331.9 | 327.3 | 310.5 | 289.2 | 263.3 | 240.5 | 234.4 | 234.4 | 229.9 | 226.8 |
| 7.5° | 540.4 | 534.3 | 502.3 | 485.6 | 435.4 | 373.0 | 307.5 | 301.4 | 299.9 | 293.8 | 284.7 |
| 10° | 791.6 | 779.4 | 756.6 | 707.8 | 616.5 | 508.4 | 415.6 | 400.4 | 389.7 | 377.5 | 365.3 |
| 12.5° | 1042.7 | 1027.5 | 994.0 | 914.9 | 823.5 | 685.0 | 535.8 | 522.1 | 505.4 | 488.6 | 468.9 |
| 15° | 1293.9 | 1283.3 | 1231.5 | 1152.3 | 1033.6 | 867.7 | 678.9 | 654.6 | 640.9 | 607.4 | 592.2 |
| 17.5° | 1511.6 | 1497.9 | 1456.8 | 1367.0 | 1243.7 | 1061.0 | 837.2 | 806.8 | 784.0 | 764.2 | 727.6 |
| 20° | 1700.4 | 1686.7 | 1647.1 | 1572.5 | 1434.0 | 1254.3 | 1007.7 | 992.5 | 951.4 | 921.0 | 899.7 |
| 22.5° | 1816.0 | 1811.5 | 1785.6 | 1714.1 | 1590.8 | 1430.9 | 1202.6 | 1178.2 | 1150.8 | 1109.7 | 1085.4 |
| 25° | 1887.6 | 1883.0 | 1867.8 | 1817.6 | 1733.8 | 1616.6 | 1417.2 | 1386.8 | 1362.4 | 1325.9 | 1295.4 |
| 27.5° | 1962.2 | 1959.1 | 1947.0 | 1902.8 | 1858.7 | 1785.6 | 1634.9 | 1618.2 | 1564.9 | 1543.6 | 1514.6 |
| 30° | 2085.5 | 2071.8 | 2082.4 | 2061.1 | 2004.8 | 1959.1 | 1854.1 | 1829.7 | 1806.9 | 1770.4 | 1744.5 |
| 32.5° | 2281.9 | 2259.0 | 2281.9 | 2259.0 | 2234.7 | 2179.9 | 2079.4 | 2071.8 | 2048.9 | 2026.1 | 1989.6 |
| 35° | 2522.4 | 2513.2 | 2531.5 | 2551.3 | 2531.5 | 2458.4 | 2336.7 | 2313.8 | 2304.7 | 2268.2 | 2254.5 |
| 37.5° | 2764.4 | 2781.2 | 2814.6 | 2858.8 | 2846.6 | 2793.3 | 2621.3 | 2600.0 | 2583.3 | 2551.3 | 2526.9 |
| 40° | 3024.7 | 3026.2 | 3097.8 | 3161.7 | 3193.7 | 3161.7 | 2934.9 | 2918.2 | 2895.3 | 2849.7 | 2843.6 |
| 42.5° | 3307.9 | 3295.7 | 3349.0 | 3420.5 | 3486.0 | 3530.1 | 3349.0 | 3317.0 | 3285.0 | 3233.3 | 3198.2 |
| 45° | 3559.0 | 3559.0 | 3601.6 | 3668.6 | 3769.1 | 3880.2 | 3785.8 | 3752.3 | 3721.9 | 3679.3 | 3639.7 |
| 47.5° | 3744.7 | 3746.3 | 3772.1 | 3869.6 | 4026.4 | 4192.3 | 4195.3 | 4201.4 | 4178.6 | 4128.3 | 4129.9 |
| 50° | 3875.6 | 3858.9 | 3893.9 | 3988.3 | 4169.4 | 4429.7 | 4617.0 | 4627.6 | 4645.9 | 4604.8 | 4617.0 |
| 52.5° | 3971.6 | 3963.9 | 3986.8 | 4065.9 | 4247.1 | 4565.2 | 4962.5 | 5008.2 | 5035.6 | 5041.7 | 5091.9 |
| 55° | 3921.3 | 3925.9 | 3980.7 | 4094.9 | 4289.7 | 4655.0 | 5256.3 | 5330.9 | 5394.9 | 5449.7 | 5512.1 |
| 57.5° | 3755.4 | 3769.1 | 3865.0 | 4043.1 | 4298.8 | 4728.1 | 5568.4 | 5682.6 | 5802.8 | 5949.0 | 6072.3 |
| 60° | 3490.5 | 3522.5 | 3651.9 | 3901.5 | 4210.5 | 4632.2 | 5661.2 | 5836.3 | 6020.5 | 6242.7 | 6490.9 |
| 62.5° | 3102.3 | 3108.4 | 3193.7 | 3435.7 | 3776.7 | 4122.3 | 5235.0 | 5458.8 | 5702.4 | 6023.5 | 6370.6 |
| 64° | 2571.1 | 2625.9 | 2665.5 | 2931.9 | 3236.3 | 3667.1 | 4671.8 | 4827.1 | 5166.5 | 5560.8 | 5997.7 |
| 65° | 2122.0 | 2187.5 | 2219.4 | 2485.8 | 2834.4 | 3245.4 | 4181.6 | 4347.5 | 4705.3 | 5105.6 | 5650.6 |
| 67.5° | 1251.3 | 1207.1 | 1300.0 | 1456.8 | 1749.1 | 2236.2 | 2820.7 | 2947.1 | 3213.5 | 3689.9 | 4125.3 |
| 70° | 806.8 | 806.8 | 892.0 | 1051.9 | 1322.8 | 1695.8 | 1937.8 | 1884.5 | 1940.9 | 2125.1 | 2432.6 |
| 72.5° | 517.6 | 545.0 | 596.7 | 732.2 | 983.4 | 1421.8 | 1980.4 | 1729.3 | 1598.4 | 1537.5 | 1534.4 |
| 75° | 235.9 | 251.2 | 307.5 | 388.2 | 525.2 | 927.1 | 1997.2 | 1887.6 | 1767.3 | 1651.6 | 1561.8 |
| 77.5° | 50.2 | 57.8 | 97.4 | 200.9 | 255.7 | 427.8 | 1417.2 | 1581.6 | 1712.5 | 1750.6 | 1750.6 |
| 80° | 25.9 | 27.4 | 41.1 | 94.4 | 109.6 | 144.6 | 546.5 | 718.5 | 885.9 | 1106.7 | 1338.1 |
| 82.5° | 10.7 | 12.2 | 24.4 | 42.6 | 45.7 | 44.1 | 144.6 | 182.7 | 251.2 | 365.3 | 545.0 |
| 85° | 3.0 | 3.0 | 10.7 | 16.7 | 24.4 | 19.8 | 32.0 | 36.5 | 47.2 | 68.5 | 130.9 |
| 87.5° | 0.0 | 0.0 | 1.5 | 3.0 | 4.6 | 7.6 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| 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: AVM-E05-LED-E-U-T2-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0° | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 |
| 2.5° | 187.2 | 187.2 | 185.7 | 184.2 | 184.2 | 181.1 | 181.1 | 179.6 | 179.6 | 178.1 | 178.1 |
| 5° | 225.3 | 222.2 | 219.2 | 214.6 | 213.1 | 210.1 | 207.0 | 204.0 | 200.9 | 199.4 | 196.4 |
| 7.5° | 280.1 | 277.0 | 267.9 | 261.8 | 254.2 | 249.6 | 243.6 | 239.0 | 234.4 | 231.4 | 225.3 |
| 10° | 353.2 | 342.5 | 337.9 | 316.6 | 312.1 | 301.4 | 292.3 | 286.2 | 274.0 | 266.4 | 258.8 |
| 12.5° | 456.7 | 436.9 | 429.3 | 392.7 | 382.1 | 366.9 | 356.2 | 341.0 | 327.3 | 318.2 | 304.5 |
| 15° | 573.9 | 558.7 | 529.7 | 493.2 | 473.4 | 456.7 | 430.8 | 418.6 | 400.4 | 380.6 | 360.8 |
| 17.5° | 713.9 | 686.5 | 654.6 | 607.4 | 583.0 | 557.1 | 532.8 | 506.9 | 476.5 | 458.2 | 436.9 |
| 20° | 876.8 | 847.9 | 808.3 | 748.9 | 720.0 | 694.1 | 651.5 | 633.3 | 596.7 | 560.2 | 532.8 |
| 22.5° | 1054.9 | 1026.0 | 987.9 | 921.0 | 882.9 | 840.3 | 805.3 | 773.3 | 730.7 | 694.1 | 662.2 |
| 25° | 1255.9 | 1222.4 | 1193.4 | 1115.8 | 1068.6 | 1024.5 | 986.4 | 930.1 | 893.6 | 850.9 | 806.8 |
| 27.5° | 1484.2 | 1444.6 | 1406.6 | 1321.3 | 1277.2 | 1228.5 | 1182.8 | 1123.4 | 1088.4 | 1018.4 | 977.3 |
| 30° | 1718.6 | 1669.9 | 1630.3 | 1543.6 | 1504.0 | 1453.7 | 1391.3 | 1338.1 | 1278.7 | 1231.5 | 1164.5 |
| 32.5° | 1965.2 | 1925.6 | 1893.7 | 1802.3 | 1752.1 | 1689.7 | 1633.4 | 1577.1 | 1525.3 | 1449.2 | 1388.3 |
| 35° | 2228.6 | 2193.6 | 2158.6 | 2079.4 | 2035.2 | 1988.1 | 1924.1 | 1855.6 | 1784.1 | 1704.9 | 1650.1 |
| 37.5° | 2505.6 | 2478.2 | 2450.8 | 2354.9 | 2303.2 | 2252.9 | 2179.9 | 2111.4 | 2047.4 | 1963.7 | 1870.8 |
| 40° | 2796.4 | 2770.5 | 2726.4 | 2647.2 | 2592.4 | 2546.7 | 2479.7 | 2415.8 | 2329.0 | 2236.2 | 2154.0 |
| 42.5° | 3161.7 | 3105.4 | 3067.3 | 2980.6 | 2922.7 | 2872.5 | 2813.1 | 2717.2 | 2644.1 | 2533.0 | 2453.9 |
| 45° | 3589.5 | 3536.2 | 3473.8 | 3385.5 | 3313.9 | 3231.7 | 3148.0 | 3082.6 | 2991.2 | 2890.8 | 2788.8 |
| 47.5° | 4070.5 | 4027.9 | 3954.8 | 3868.0 | 3796.5 | 3714.3 | 3615.3 | 3531.6 | 3420.5 | 3303.3 | 3164.8 |
| 50° | 4600.2 | 4556.1 | 4507.4 | 4410.0 | 4338.4 | 4260.8 | 4183.1 | 4084.2 | 3983.7 | 3843.7 | 3700.6 |
| 52.5° | 5091.9 | 5101.1 | 5072.1 | 5026.5 | 4991.5 | 4910.8 | 4839.2 | 4744.9 | 4656.6 | 4528.7 | 4417.6 |
| 55° | 5577.5 | 5656.7 | 5687.1 | 5731.3 | 5746.5 | 5681.0 | 5679.5 | 5541.0 | 5487.7 | 5413.1 | 5349.2 |
| 57.5° | 6218.4 | 6393.5 | 6532.0 | 6799.9 | 6912.5 | 7026.7 | 7048.0 | 6950.6 | 7051.1 | 6921.7 | 6965.8 |
| 60° | 6763.4 | 7084.6 | 7428.6 | 8121.2 | 8468.3 | 8730.1 | 8940.2 | 9095.4 | 9195.9 | 9366.4 | 9375.5 |
| 62.5° | 6812.1 | 7317.5 | 7841.1 | 8851.9 | 9326.8 | 9724.1 | 10103.2 | 10368.0 | 10578.1 | 10771.4 | 10818.6 |
| 64° | 6579.2 | 7204.8 | 7841.1 | 9063.5 | 9549.1 | 9990.5 | 10336.1 | 10599.4 | 10814.1 | 10934.3 | 11013.5 |
| 65° | 6156.0 | 6856.2 | 7588.4 | 8923.4 | 9424.3 | 9893.1 | 10223.4 | 10488.3 | 10690.8 | 10811.0 | 10893.2 |
| 67.5° | 4560.7 | 5238.1 | 5973.3 | 7527.5 | 8316.1 | 8745.3 | 9168.5 | 9539.9 | 9702.8 | 9855.1 | 9884.0 |
| 70° | 2779.6 | 3271.3 | 3778.2 | 5219.8 | 5952.0 | 6723.8 | 7200.2 | 7743.7 | 8124.3 | 8358.7 | 8436.3 |
| 72.5° | 1677.5 | 1848.0 | 2150.9 | 2925.8 | 3627.5 | 4169.4 | 4828.6 | 5347.7 | 5773.9 | 6009.8 | 6128.6 |
| 75° | 1493.3 | 1472.0 | 1511.6 | 1834.3 | 2084.0 | 2409.7 | 2648.7 | 2974.5 | 3237.8 | 3320.0 | 3473.8 |
| 77.5° | 1726.2 | 1665.3 | 1602.9 | 1542.0 | 1529.9 | 1499.4 | 1450.7 | 1462.9 | 1347.2 | 1236.1 | 1239.1 |
| 80° | 1537.5 | 1683.6 | 1770.4 | 1706.4 | 1561.8 | 1415.7 | 1236.1 | 1012.3 | 791.6 | 654.6 | 596.7 |
| 82.5° | 771.8 | 1097.5 | 1411.1 | 1721.7 | 1700.4 | 1571.0 | 1373.1 | 1128.0 | 873.8 | 671.3 | 535.8 |
| 85° | 237.5 | 421.7 | 593.7 | 825.1 | 957.5 | 939.2 | 825.1 | 802.2 | 572.4 | 446.0 | 344.0 |
| 87.5° | 10.7 | 10.7 | 10.7 | 9.1 | 10.7 | 10.7 | 10.7 | 12.2 | 12.2 | 13.7 | 13.7 |
| 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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CANDELA DISTRIBUTION (continued):

| | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0° | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 |
| 2.5° | 178.1 | 176.6 | 175.1 | 173.5 | 173.5 | 173.5 | 172.0 | 172.0 | 170.5 | 170.5 | 169.0 |
| 5° | 196.4 | 193.3 | 191.8 | 188.8 | 188.8 | 185.7 | 184.2 | 182.7 | 179.6 | 178.1 | 176.6 |
| 7.5° | 220.7 | 217.7 | 213.1 | 208.5 | 207.0 | 202.5 | 197.9 | 194.8 | 191.8 | 188.8 | 185.7 |
| 10° | 252.7 | 246.6 | 237.5 | 231.4 | 226.8 | 220.7 | 214.6 | 210.1 | 204.0 | 197.9 | 194.8 |
| 12.5° | 293.8 | 281.6 | 272.5 | 261.8 | 252.7 | 243.6 | 232.9 | 226.8 | 220.7 | 211.6 | 205.5 |
| 15° | 341.0 | 328.8 | 318.2 | 299.9 | 284.7 | 272.5 | 263.3 | 249.6 | 239.0 | 226.8 | 217.7 |
| 17.5° | 421.7 | 389.7 | 368.4 | 350.1 | 334.9 | 312.1 | 293.8 | 278.6 | 264.9 | 249.6 | 239.0 |
| 20° | 500.8 | 473.4 | 444.5 | 423.2 | 389.7 | 369.9 | 345.6 | 324.2 | 299.9 | 281.6 | 263.3 |
| 22.5° | 616.5 | 581.5 | 545.0 | 513.0 | 467.3 | 439.9 | 408.0 | 380.6 | 350.1 | 319.7 | 299.9 |
| 25° | 762.6 | 710.9 | 662.2 | 616.5 | 573.9 | 532.8 | 491.7 | 447.5 | 415.6 | 379.0 | 345.6 |
| 27.5° | 916.4 | 858.5 | 811.4 | 752.0 | 697.2 | 647.0 | 595.2 | 548.0 | 493.2 | 446.0 | 406.4 |
| 30° | 1109.7 | 1030.6 | 975.8 | 904.2 | 849.4 | 779.4 | 715.5 | 653.0 | 586.1 | 531.3 | 474.9 |
| 32.5° | 1306.1 | 1252.8 | 1160.0 | 1099.1 | 1016.9 | 933.1 | 866.2 | 794.6 | 712.4 | 640.9 | 572.4 |
| 35° | 1564.9 | 1473.5 | 1395.9 | 1310.7 | 1220.8 | 1134.1 | 1047.3 | 945.3 | 861.6 | 773.3 | 689.6 |
| 37.5° | 1793.2 | 1700.4 | 1610.5 | 1499.4 | 1397.4 | 1306.1 | 1201.1 | 1094.5 | 995.6 | 890.5 | 790.0 |
| 40° | 2058.1 | 1942.4 | 1835.8 | 1732.3 | 1606.0 | 1497.9 | 1388.3 | 1255.9 | 1141.7 | 1026.0 | 907.3 |
| 42.5° | 2347.3 | 2230.1 | 2103.8 | 1985.0 | 1846.5 | 1714.1 | 1578.6 | 1446.1 | 1318.3 | 1178.2 | 1039.7 |
| 45° | 2663.9 | 2540.6 | 2399.1 | 2263.6 | 2112.9 | 1966.7 | 1805.4 | 1653.2 | 1502.5 | 1345.7 | 1185.8 |
| 47.5° | 3056.7 | 2898.4 | 2767.5 | 2598.5 | 2411.2 | 2257.5 | 2059.6 | 1886.1 | 1714.1 | 1531.4 | 1351.8 |
| 50° | 3565.1 | 3385.5 | 3196.7 | 3009.5 | 2802.5 | 2607.6 | 2388.4 | 2182.9 | 1953.0 | 1749.1 | 1543.6 |
| 52.5° | 4239.5 | 4105.5 | 3886.3 | 3671.7 | 3419.0 | 3170.8 | 2869.4 | 2603.0 | 2307.7 | 2047.4 | 1796.3 |
| 55° | 5197.0 | 5108.7 | 4918.4 | 4684.0 | 4463.2 | 4100.9 | 3753.9 | 3339.8 | 2956.2 | 2581.7 | 2228.6 |
| 57.5° | 6930.8 | 6834.9 | 6623.3 | 6567.0 | 6227.5 | 5961.1 | 5554.7 | 5018.9 | 4368.9 | 3796.5 | 3225.6 |
| 60° | 9427.3 | 9240.1 | 9033.0 | 8995.0 | 8596.1 | 8316.1 | 7912.7 | 7341.8 | 6729.9 | 5816.5 | 5038.6 |
| 62.5° | 10821.7 | 10765.4 | 10597.9 | 10392.4 | 10046.9 | 9631.3 | 9177.6 | 8625.1 | 8004.0 | 7203.3 | 6277.8 |
| 64° | 11008.9 | 10957.2 | 10812.5 | 10581.2 | 10234.1 | 9821.6 | 9319.2 | 8768.2 | 8145.6 | 7414.9 | 6570.0 |
| 65° | 10891.7 | 10818.6 | 10695.3 | 10482.2 | 10159.5 | 9763.7 | 9258.3 | 8699.7 | 8067.9 | 7364.6 | 6579.2 |
| 67.5° | 9946.4 | 9912.9 | 9800.2 | 9602.4 | 9399.9 | 9043.7 | 8599.2 | 8099.9 | 7583.9 | 6886.7 | 6242.7 |
| 70° | 8445.4 | 8421.1 | 8278.0 | 8198.8 | 7863.9 | 7638.7 | 7279.4 | 6886.7 | 6430.0 | 5944.4 | 5396.4 |
| 72.5° | 6261.0 | 6178.8 | 6063.1 | 5942.9 | 5716.1 | 5407.0 | 5126.9 | 4708.3 | 4472.4 | 4062.9 | 3753.9 |
| 75° | 3320.0 | 3268.3 | 3088.6 | 2837.5 | 2557.4 | 2412.8 | 2122.0 | 1861.7 | 1654.7 | 1561.8 | 1338.1 |
| 77.5° | 1147.8 | 1045.8 | 945.3 | 832.7 | 660.7 | 520.6 | 415.6 | 331.9 | 261.8 | 231.4 | 193.3 |
| 80° | 572.4 | 543.4 | 511.5 | 447.5 | 376.0 | 302.9 | 237.5 | 187.2 | 153.7 | 130.9 | 117.2 |
| 82.5° | 464.3 | 411.0 | 366.9 | 321.2 | 257.3 | 211.6 | 167.4 | 137.0 | 112.6 | 98.9 | 86.8 |
| 85° | 274.0 | 210.1 | 159.8 | 144.6 | 112.6 | 97.4 | 83.7 | 71.5 | 60.9 | 57.8 | 53.3 |
| 87.5° | 10.7 | 13.7 | 13.7 | 10.7 | 13.7 | 12.2 | 12.2 | 10.7 | 10.7 | 10.7 | 10.7 |
| 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: P154229

CATALOG NUMBER: AVM-E05-LED-E-U-T2-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 |
| 2.5° | 169.0 | 167.4 | 167.4 | 165.9 | 164.4 | 164.4 | 164.4 | 162.9 | 159.8 | 153.7 | 149.2 |
| 5° | 175.1 | 173.5 | 172.0 | 169.0 | 167.4 | 165.9 | 164.4 | 164.4 | 156.8 | 146.1 | 138.5 |
| 7.5° | 182.7 | 179.6 | 176.6 | 173.5 | 172.0 | 169.0 | 165.9 | 164.4 | 153.7 | 140.0 | 132.4 |
| 10° | 190.3 | 185.7 | 181.1 | 179.6 | 175.1 | 172.0 | 167.4 | 164.4 | 152.2 | 135.5 | 124.8 |
| 12.5° | 199.4 | 193.3 | 187.2 | 182.7 | 176.6 | 173.5 | 169.0 | 164.4 | 149.2 | 130.9 | 118.7 |
| 15° | 210.1 | 200.9 | 193.3 | 188.8 | 182.7 | 175.1 | 169.0 | 164.4 | 146.1 | 126.3 | 112.6 |
| 17.5° | 223.8 | 213.1 | 204.0 | 194.8 | 185.7 | 178.1 | 172.0 | 165.9 | 141.6 | 120.3 | 105.0 |
| 20° | 245.1 | 231.4 | 216.2 | 205.5 | 193.3 | 184.2 | 173.5 | 165.9 | 138.5 | 114.2 | 98.9 |
| 22.5° | 274.0 | 252.7 | 235.9 | 217.7 | 202.5 | 190.3 | 178.1 | 169.0 | 134.0 | 108.1 | 91.3 |
| 25° | 315.1 | 287.7 | 260.3 | 237.5 | 217.7 | 200.9 | 185.7 | 173.5 | 130.9 | 103.5 | 86.8 |
| 27.5° | 360.8 | 328.8 | 292.3 | 264.9 | 237.5 | 213.1 | 196.4 | 181.1 | 130.9 | 100.5 | 82.2 |
| 30° | 424.7 | 379.0 | 334.9 | 299.9 | 263.3 | 235.9 | 211.6 | 191.8 | 130.9 | 98.9 | 77.6 |
| 32.5° | 502.3 | 450.6 | 394.3 | 344.0 | 301.4 | 261.8 | 231.4 | 205.5 | 134.0 | 95.9 | 74.6 |
| 35° | 610.4 | 534.3 | 467.3 | 404.9 | 348.6 | 302.9 | 263.3 | 228.3 | 138.5 | 94.4 | 70.0 |
| 37.5° | 695.7 | 604.3 | 519.1 | 447.5 | 382.1 | 325.8 | 275.5 | 237.5 | 134.0 | 88.3 | 65.5 |
| 40° | 797.7 | 694.1 | 590.6 | 500.8 | 426.2 | 353.2 | 295.3 | 249.6 | 130.9 | 80.7 | 59.4 |
| 42.5° | 921.0 | 791.6 | 671.3 | 569.3 | 476.5 | 389.7 | 321.2 | 264.9 | 130.9 | 76.1 | 54.8 |
| 45° | 1036.7 | 895.1 | 761.1 | 633.3 | 525.2 | 429.3 | 345.6 | 281.6 | 129.4 | 71.5 | 48.7 |
| 47.5° | 1179.7 | 1012.3 | 855.5 | 707.8 | 583.0 | 465.8 | 371.4 | 296.8 | 127.9 | 67.0 | 44.1 |
| 50° | 1348.7 | 1144.7 | 968.2 | 791.6 | 639.3 | 510.0 | 401.9 | 313.6 | 124.8 | 62.4 | 39.6 |
| 52.5° | 1536.0 | 1316.7 | 1091.5 | 887.5 | 709.4 | 557.1 | 430.8 | 328.8 | 120.3 | 57.8 | 35.0 |
| 55° | 1867.8 | 1566.4 | 1300.0 | 1047.3 | 815.9 | 627.2 | 473.4 | 351.6 | 115.7 | 53.3 | 30.4 |
| 57.5° | 2663.9 | 2164.6 | 1787.1 | 1406.6 | 1074.7 | 805.3 | 589.1 | 417.1 | 109.6 | 47.2 | 24.4 |
| 60° | 4183.1 | 3359.6 | 2718.7 | 2132.7 | 1625.8 | 1236.1 | 867.7 | 616.5 | 117.2 | 39.6 | 21.3 |
| 62.5° | 5365.9 | 4419.1 | 3603.2 | 2867.9 | 2227.1 | 1692.7 | 1263.5 | 921.0 | 169.0 | 35.0 | 16.7 |
| 64° | 5675.0 | 4715.9 | 3845.2 | 3074.9 | 2408.2 | 1857.1 | 1409.6 | 1041.2 | 217.7 | 35.0 | 15.2 |
| 65° | 5720.6 | 4807.3 | 3932.0 | 3151.1 | 2470.6 | 1901.3 | 1452.2 | 1080.8 | 237.5 | 36.5 | 13.7 |
| 67.5° | 5531.9 | 4754.0 | 3957.9 | 3183.0 | 2517.8 | 1962.2 | 1510.1 | 1143.2 | 267.9 | 35.0 | 10.7 |
| 70° | 4831.6 | 4259.3 | 3604.7 | 2977.5 | 2374.7 | 1864.8 | 1452.2 | 1108.2 | 280.1 | 33.5 | 9.1 |
| 72.5° | 3288.1 | 2893.8 | 2507.1 | 2062.6 | 1653.2 | 1362.4 | 1059.5 | 780.9 | 196.4 | 27.4 | 7.6 |
| 75° | 1096.0 | 1068.6 | 956.0 | 724.6 | 608.9 | 494.7 | 395.8 | 304.5 | 74.6 | 16.7 | 7.6 |
| 77.5° | 182.7 | 156.8 | 137.0 | 130.9 | 109.6 | 106.6 | 92.9 | 74.6 | 32.0 | 10.7 | 7.6 |
| 80° | 106.6 | 97.4 | 85.2 | 76.1 | 67.0 | 59.4 | 50.2 | 42.6 | 19.8 | 7.6 | 9.1 |
| 82.5° | 79.2 | 70.0 | 62.4 | 54.8 | 47.2 | 41.1 | 35.0 | 28.9 | 10.7 | 7.6 | 9.1 |
| 85° | 45.7 | 39.6 | 35.0 | 30.4 | 24.4 | 21.3 | 18.3 | 15.2 | 7.6 | 7.6 | 7.6 |
| 87.5° | 9.1 | 9.1 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 6.1 | 7.6 | 7.6 | 6.1 |
| 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: P154229

CATALOG NUMBER: AVM-E05-LED-E-U-T2-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 | 162.9 |
| 2.5° | 146.1 | 141.6 | 140.0 | 140.0 | 140.0 | 140.0 | 140.0 |
| 5° | 134.0 | 129.4 | 126.3 | 124.8 | 124.8 | 124.8 | 124.8 |
| 7.5° | 124.8 | 118.7 | 115.7 | 112.6 | 112.6 | 111.1 | 111.1 |
| 10° | 115.7 | 109.6 | 105.0 | 102.0 | 100.5 | 100.5 | 100.5 |
| 12.5° | 108.1 | 102.0 | 95.9 | 92.9 | 92.9 | 91.3 | 91.3 |
| 15° | 102.0 | 92.9 | 88.3 | 85.2 | 85.2 | 83.7 | 83.7 |
| 17.5° | 94.4 | 86.8 | 82.2 | 79.2 | 77.6 | 77.6 | 77.6 |
| 20° | 86.8 | 79.2 | 74.6 | 73.1 | 71.5 | 71.5 | 70.0 |
| 22.5° | 80.7 | 73.1 | 68.5 | 67.0 | 65.5 | 65.5 | 63.9 |
| 25° | 74.6 | 67.0 | 62.4 | 60.9 | 59.4 | 57.8 | 57.8 |
| 27.5° | 70.0 | 62.4 | 57.8 | 54.8 | 53.3 | 51.8 | 51.8 |
| 30° | 65.5 | 56.3 | 51.8 | 48.7 | 47.2 | 45.7 | 45.7 |
| 32.5° | 60.9 | 51.8 | 45.7 | 42.6 | 41.1 | 39.6 | 39.6 |
| 35° | 54.8 | 45.7 | 39.6 | 38.1 | 36.5 | 35.0 | 33.5 |
| 37.5° | 50.2 | 39.6 | 35.0 | 32.0 | 30.4 | 28.9 | 28.9 |
| 40° | 44.1 | 35.0 | 30.4 | 27.4 | 24.4 | 22.8 | 22.8 |
| 42.5° | 39.6 | 30.4 | 25.9 | 21.3 | 19.8 | 18.3 | 18.3 |
| 45° | 35.0 | 27.4 | 21.3 | 16.7 | 15.2 | 13.7 | 13.7 |
| 47.5° | 30.4 | 22.8 | 16.7 | 13.7 | 12.2 | 10.7 | 10.7 |
| 50° | 25.9 | 18.3 | 12.2 | 9.1 | 10.7 | 9.1 | 9.1 |
| 52.5° | 22.8 | 13.7 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| 55° | 18.3 | 10.7 | 7.6 | 7.6 | 9.1 | 9.1 | 9.1 |
| 57.5° | 15.2 | 7.6 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 60° | 10.7 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 62.5° | 9.1 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 64° | 7.6 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 65° | 7.6 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 67.5° | 7.6 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 70° | 6.1 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 72.5° | 6.1 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 75° | 6.1 | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 |
| 77.5° | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 80° | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 82.5° | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 85° | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 87.5° | 6.1 | 6.1 | 6.1 | 7.6 | 7.6 | 7.6 | 7.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)