

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: McGRAW-EDISON

Report Number: P146224

Luminaire Tested: **VPL-F03-LED-E1-CPR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146224
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VPL-F03-LED-E1-CPR-7030
Description: VALET LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° FORWARD THROW PERIMETER RIGHT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6092.5 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

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: 25 FT

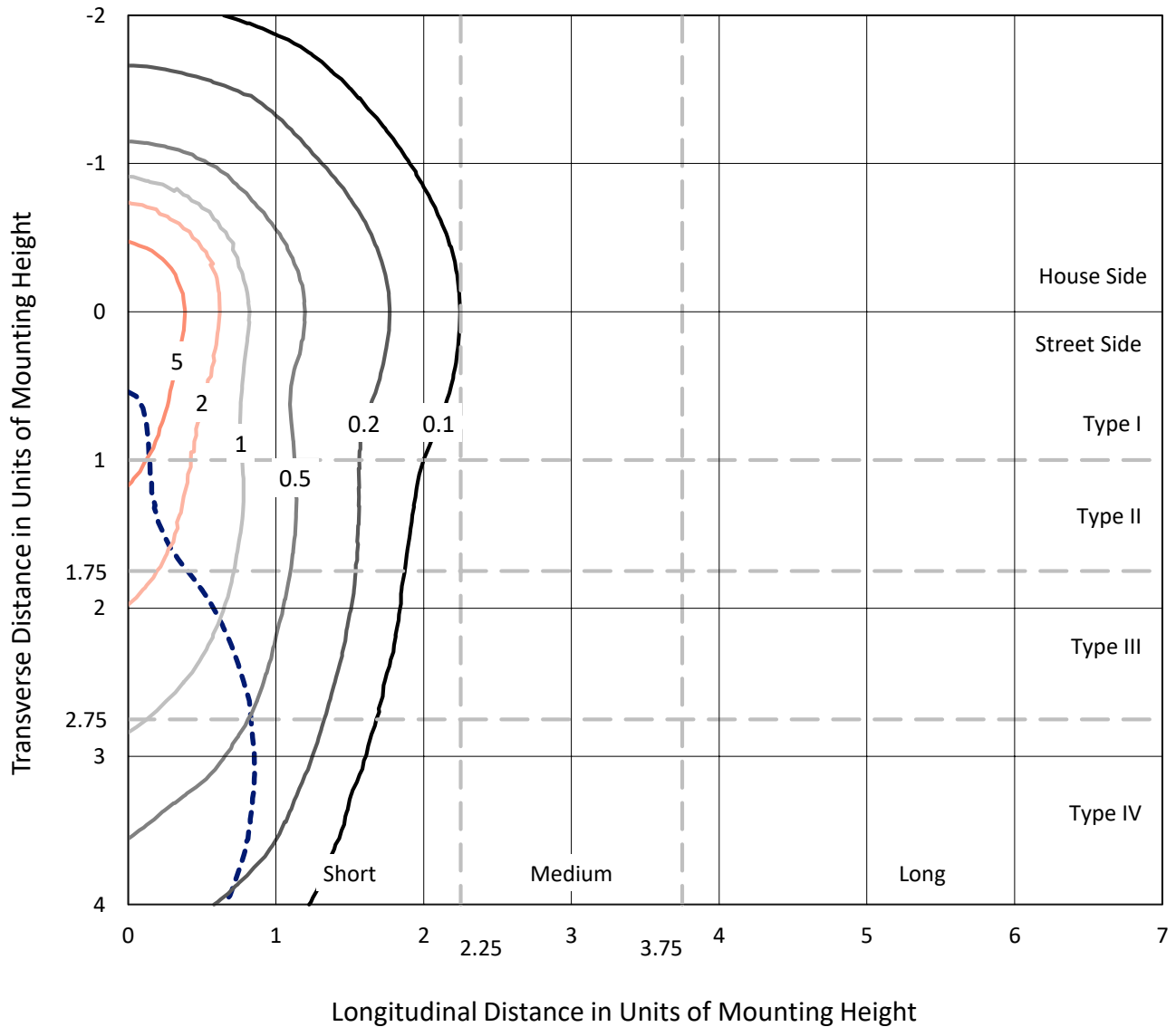


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Iso-Footcandle Lines of Horizontal Illumination

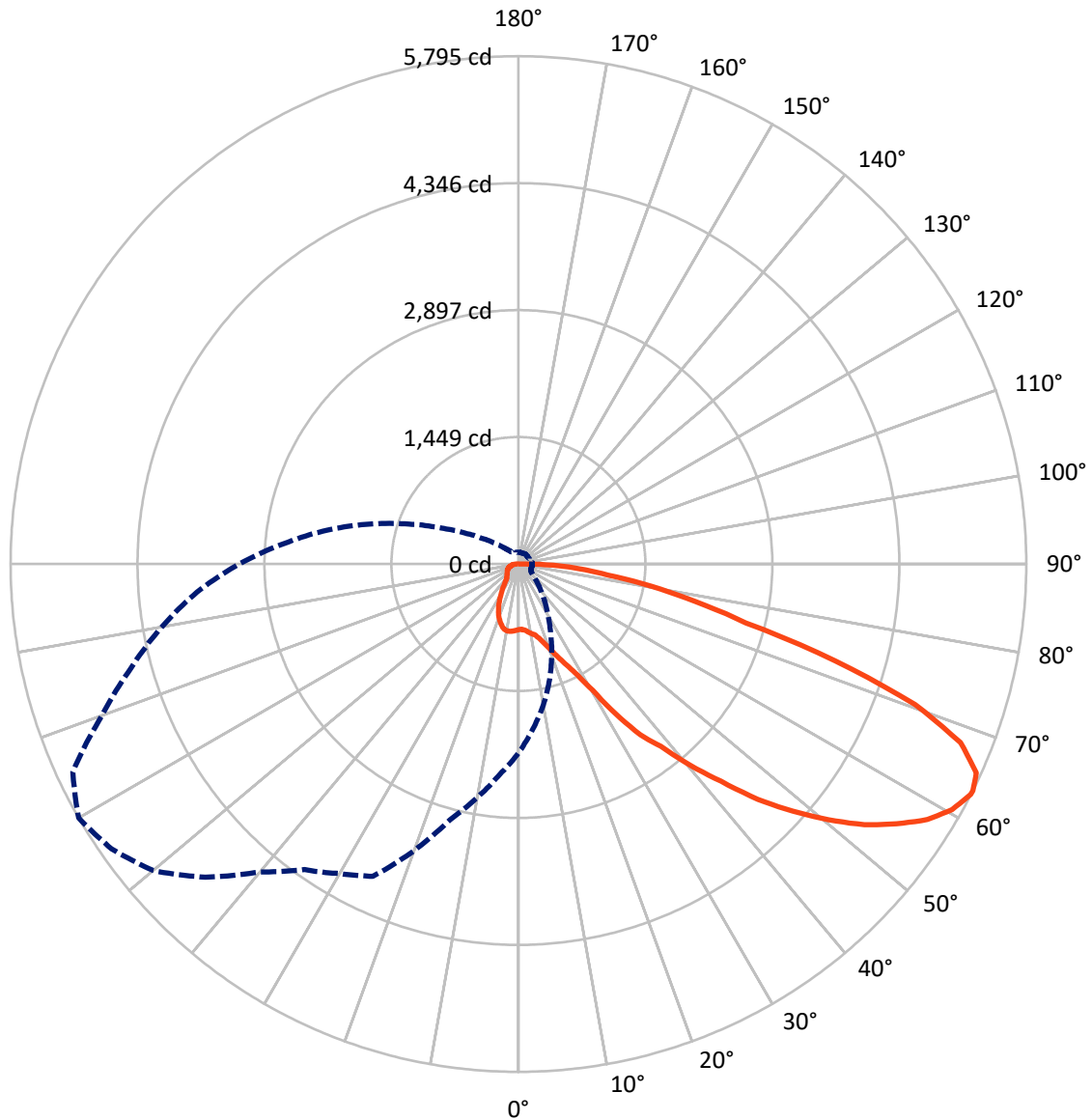
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1275.3 | 0.0 | 1275.3 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 4817.2 | 0.0 | 4817.2 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 6092.5 | 0.0 | 6092.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.5 | 1.2 |
| 10°-20° | 229.4 | 3.8 |
| 20°-30° | 405.6 | 6.7 |
| 30°-40° | 640.3 | 10.5 |
| 40°-50° | 941.6 | 15.5 |
| 50°-60° | 1240.4 | 20.4 |
| 60°-70° | 1382.5 | 22.7 |
| 70°-80° | 908.3 | 14.9 |
| 80°-90° | 270.9 | 4.4 |
| 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° | 6092.5 | 100.0 |
| 0°-180° | 6092.5 | 100.0 |

Coefficient of Utilization



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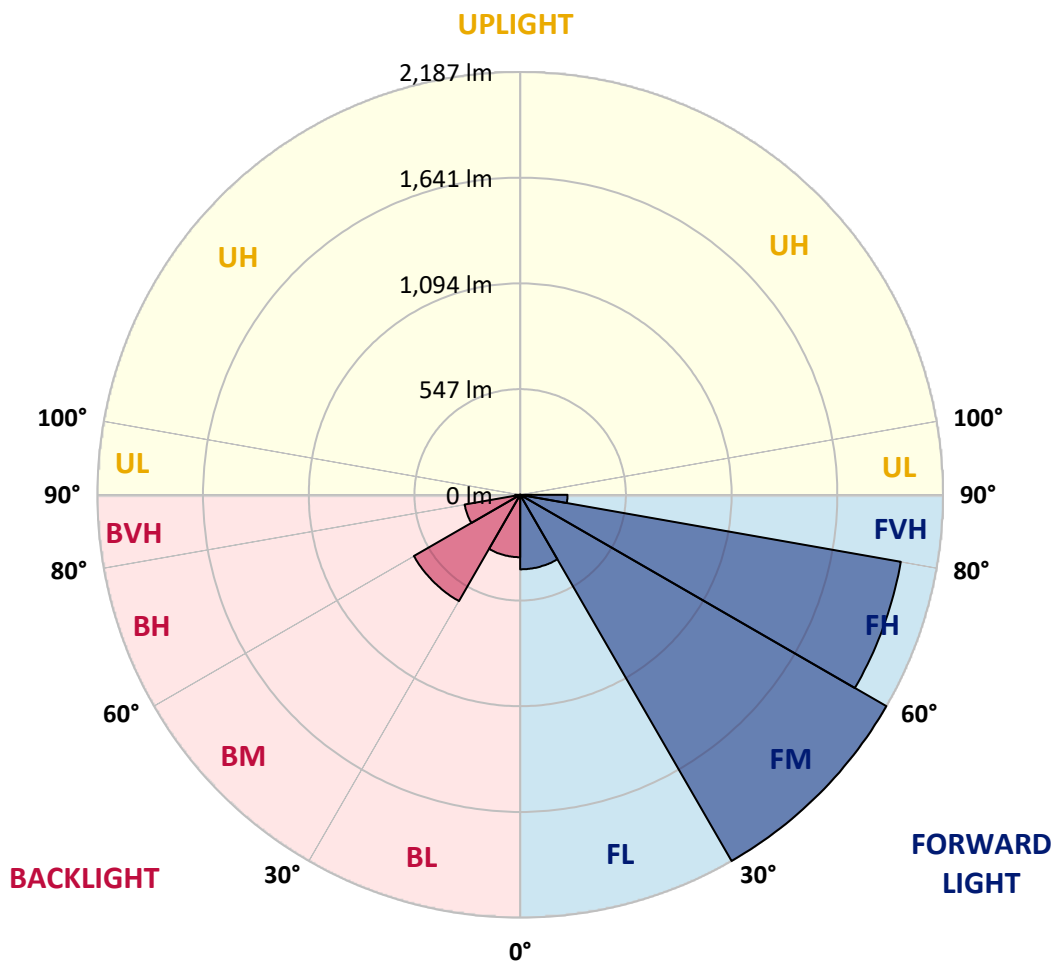
CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 385.6 | 6.3 | | | |
| FM | (30°-60°) | 2187.4 | 35.9 | | | |
| FH | (60°-80°) | 1999.4 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 244.8 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 322.8 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 635.0 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 291.5 | 4.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 26.1 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short





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CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 2.5° | 747.4 | 748.7 | 748.7 | 747.4 | 748.7 | 748.3 | 748.3 | 749.6 | 750.1 | 752.3 | 751.0 |
| 5° | 743.7 | 744.2 | 744.6 | 743.7 | 744.2 | 744.2 | 745.1 | 746.5 | 746.9 | 749.6 | 748.3 |
| 7.5° | 739.7 | 740.6 | 738.8 | 739.2 | 740.6 | 742.4 | 742.4 | 744.2 | 747.4 | 748.7 | 748.3 |
| 10° | 741.9 | 741.0 | 739.7 | 739.2 | 740.1 | 740.6 | 741.5 | 744.6 | 747.4 | 748.7 | 751.0 |
| 12.5° | 759.6 | 756.9 | 755.5 | 755.0 | 755.5 | 754.6 | 757.8 | 758.7 | 759.6 | 761.4 | 760.5 |
| 15° | 793.1 | 789.4 | 787.2 | 784.9 | 789.9 | 787.6 | 787.6 | 784.9 | 780.4 | 773.6 | 765.0 |
| 17.5° | 839.6 | 835.6 | 833.8 | 832.9 | 833.3 | 829.2 | 821.1 | 808.0 | 792.1 | 774.0 | 757.3 |
| 20° | 906.6 | 912.9 | 910.2 | 898.0 | 893.5 | 875.4 | 849.6 | 822.5 | 794.9 | 765.9 | 738.3 |
| 22.5° | 1022.4 | 1018.8 | 1006.6 | 976.3 | 949.1 | 908.4 | 862.3 | 818.4 | 777.7 | 735.6 | 699.4 |
| 25° | 1156.8 | 1126.5 | 1092.1 | 1032.4 | 969.9 | 903.0 | 836.5 | 784.5 | 730.2 | 684.0 | 640.6 |
| 27.5° | 1321.4 | 1255.9 | 1168.1 | 1070.8 | 977.6 | 888.5 | 809.8 | 741.0 | 679.0 | 629.7 | 581.3 |
| 30° | 1483.4 | 1373.9 | 1251.8 | 1122.8 | 997.1 | 876.7 | 772.7 | 693.1 | 621.6 | 558.3 | 509.4 |
| 32.5° | 1595.6 | 1463.0 | 1311.0 | 1151.8 | 998.9 | 857.7 | 732.0 | 637.0 | 556.4 | 492.7 | 433.8 |
| 35° | 1687.9 | 1522.3 | 1331.9 | 1147.3 | 969.9 | 813.4 | 673.6 | 568.2 | 482.7 | 416.7 | 365.1 |
| 37.5° | 1751.2 | 1552.6 | 1330.5 | 1121.0 | 918.4 | 742.8 | 606.7 | 499.4 | 419.8 | 358.3 | 310.8 |
| 40° | 1795.6 | 1562.1 | 1312.9 | 1076.3 | 859.1 | 674.5 | 535.2 | 437.5 | 367.8 | 319.8 | 285.5 |
| 42.5° | 1816.8 | 1555.8 | 1286.6 | 1033.7 | 800.3 | 619.3 | 481.3 | 395.8 | 339.3 | 303.1 | 277.8 |
| 45° | 1825.9 | 1540.4 | 1257.2 | 992.1 | 752.3 | 571.8 | 453.8 | 383.2 | 338.8 | 307.6 | 280.0 |
| 47.5° | 1823.6 | 1523.7 | 1231.0 | 957.7 | 723.8 | 559.2 | 459.2 | 400.4 | 355.6 | 316.7 | 281.4 |
| 50° | 1817.3 | 1508.3 | 1214.2 | 945.1 | 723.4 | 578.2 | 489.5 | 429.3 | 375.0 | 324.8 | 280.0 |
| 52.5° | 1816.8 | 1506.9 | 1223.3 | 960.0 | 749.6 | 621.1 | 535.2 | 462.8 | 394.0 | 333.9 | 280.5 |
| 55° | 1827.7 | 1531.4 | 1261.7 | 1000.2 | 813.0 | 681.3 | 586.8 | 498.5 | 415.3 | 340.2 | 279.1 |
| 57.5° | 1871.6 | 1592.4 | 1334.6 | 1090.3 | 894.4 | 754.6 | 636.5 | 525.2 | 423.4 | 338.4 | 272.8 |
| 60° | 1967.9 | 1699.7 | 1446.8 | 1217.4 | 998.9 | 821.6 | 665.9 | 534.3 | 419.8 | 327.5 | 259.2 |
| 62.5° | 2118.1 | 1854.8 | 1600.6 | 1342.3 | 1091.6 | 861.8 | 672.7 | 527.0 | 405.3 | 309.4 | 242.5 |
| 63° | 2156.6 | 1890.6 | 1631.8 | 1368.0 | 1107.5 | 865.9 | 672.3 | 524.3 | 401.3 | 304.9 | 238.4 |
| 65° | 2317.2 | 2043.9 | 1757.1 | 1453.1 | 1150.0 | 874.0 | 661.9 | 507.1 | 383.2 | 283.7 | 219.9 |
| 67.5° | 2558.8 | 2213.1 | 1881.5 | 1532.3 | 1173.5 | 859.6 | 629.3 | 464.6 | 336.6 | 246.6 | 192.3 |
| 70° | 2719.8 | 2325.3 | 1955.7 | 1558.1 | 1145.9 | 793.5 | 554.6 | 389.5 | 275.1 | 203.1 | 164.2 |
| 72.5° | 2723.9 | 2224.9 | 1855.3 | 1424.1 | 989.4 | 654.6 | 434.3 | 294.5 | 214.0 | 165.1 | 141.6 |
| 75° | 2433.0 | 1880.2 | 1516.4 | 1169.4 | 761.4 | 462.8 | 305.4 | 214.9 | 164.2 | 136.2 | 122.6 |
| 77.5° | 1808.7 | 1371.7 | 1094.3 | 786.7 | 494.5 | 299.9 | 212.6 | 159.2 | 130.3 | 112.6 | 102.7 |
| 80° | 1122.4 | 857.3 | 664.1 | 470.5 | 296.3 | 199.5 | 155.6 | 126.7 | 109.5 | 94.1 | 86.0 |
| 82.5° | 676.8 | 480.0 | 375.0 | 284.1 | 189.6 | 143.9 | 119.9 | 106.8 | 92.7 | 79.2 | 72.8 |
| 85° | 495.8 | 343.4 | 251.5 | 175.5 | 117.2 | 95.0 | 84.1 | 81.4 | 71.9 | 61.1 | 57.5 |
| 87.5° | 156.1 | 163.8 | 170.1 | 103.6 | 56.5 | 43.0 | 36.6 | 43.0 | 41.2 | 29.0 | 31.7 |
| 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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CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 2.5° | 753.2 | 755.0 | 753.7 | 753.7 | 752.8 | 752.3 | 755.5 | 754.6 | 755.5 | 755.0 | 756.0 |
| 5° | 750.5 | 751.9 | 751.0 | 751.9 | 751.0 | 751.0 | 755.0 | 755.0 | 756.9 | 757.8 | 760.0 |
| 7.5° | 751.4 | 751.9 | 751.4 | 752.8 | 751.9 | 751.0 | 753.2 | 754.6 | 757.8 | 760.5 | 762.7 |
| 10° | 754.6 | 756.0 | 755.5 | 755.5 | 752.8 | 751.0 | 752.3 | 753.2 | 756.4 | 757.8 | 760.5 |
| 12.5° | 762.3 | 760.5 | 756.9 | 754.6 | 748.3 | 744.6 | 742.8 | 741.9 | 744.2 | 746.0 | 747.4 |
| 15° | 760.5 | 750.5 | 742.4 | 735.6 | 726.1 | 720.2 | 715.7 | 715.2 | 715.7 | 716.1 | 717.5 |
| 17.5° | 741.9 | 728.4 | 712.1 | 703.5 | 692.6 | 686.3 | 683.1 | 680.9 | 680.4 | 681.3 | 683.6 |
| 20° | 715.2 | 695.3 | 677.2 | 662.3 | 650.5 | 640.6 | 642.9 | 637.9 | 640.1 | 641.5 | 645.6 |
| 22.5° | 674.5 | 646.9 | 626.1 | 608.0 | 594.0 | 583.6 | 583.6 | 579.1 | 580.0 | 584.0 | 589.5 |
| 25° | 608.5 | 582.7 | 552.8 | 540.2 | 524.3 | 517.1 | 515.7 | 514.8 | 518.4 | 523.4 | 526.6 |
| 27.5° | 548.8 | 513.5 | 484.1 | 467.3 | 450.6 | 452.4 | 443.3 | 448.8 | 452.8 | 456.9 | 460.5 |
| 30° | 468.2 | 439.3 | 412.6 | 395.8 | 375.9 | 376.4 | 377.8 | 378.7 | 382.3 | 387.7 | 394.9 |
| 32.5° | 390.9 | 359.7 | 334.8 | 316.7 | 304.9 | 301.3 | 296.3 | 304.5 | 309.0 | 314.4 | 321.7 |
| 35° | 327.1 | 294.5 | 273.7 | 257.9 | 251.1 | 246.1 | 244.7 | 243.8 | 247.9 | 250.6 | 256.5 |
| 37.5° | 281.4 | 259.2 | 243.8 | 232.5 | 226.2 | 220.8 | 219.4 | 218.5 | 218.1 | 217.2 | 220.8 |
| 40° | 262.8 | 245.2 | 232.1 | 221.7 | 215.8 | 212.6 | 211.3 | 209.5 | 207.6 | 205.4 | 204.9 |
| 42.5° | 257.4 | 238.4 | 223.0 | 212.6 | 208.1 | 207.6 | 207.6 | 206.7 | 204.9 | 201.8 | 199.5 |
| 45° | 255.2 | 232.1 | 214.4 | 206.3 | 203.1 | 203.6 | 203.6 | 203.6 | 202.2 | 199.1 | 195.4 |
| 47.5° | 251.1 | 224.4 | 206.3 | 199.5 | 198.1 | 199.1 | 200.0 | 200.0 | 199.1 | 196.3 | 192.3 |
| 50° | 243.4 | 212.6 | 193.6 | 187.3 | 186.8 | 187.3 | 187.3 | 188.2 | 187.3 | 185.0 | 181.4 |
| 52.5° | 237.5 | 203.6 | 184.1 | 179.1 | 179.1 | 178.7 | 178.2 | 178.2 | 177.8 | 176.0 | 173.3 |
| 55° | 232.1 | 197.7 | 180.1 | 176.0 | 176.9 | 176.9 | 176.0 | 175.5 | 173.7 | 171.5 | 168.7 |
| 57.5° | 224.4 | 191.4 | 176.0 | 173.3 | 174.2 | 173.7 | 173.3 | 172.8 | 171.0 | 168.3 | 164.7 |
| 60° | 210.8 | 180.1 | 167.8 | 166.0 | 167.4 | 167.8 | 169.6 | 170.1 | 169.2 | 166.0 | 161.1 |
| 62.5° | 195.9 | 166.0 | 157.0 | 155.6 | 157.0 | 158.3 | 159.7 | 158.8 | 158.8 | 155.6 | 151.1 |
| 63° | 190.9 | 163.8 | 153.8 | 153.8 | 155.2 | 156.5 | 157.4 | 156.5 | 157.0 | 153.4 | 148.8 |
| 65° | 179.6 | 155.6 | 147.9 | 148.4 | 149.7 | 150.6 | 151.1 | 151.1 | 150.6 | 147.9 | 143.9 |
| 67.5° | 160.6 | 143.9 | 139.3 | 141.6 | 143.4 | 143.9 | 143.9 | 144.8 | 143.9 | 142.1 | 138.4 |
| 70° | 143.4 | 132.6 | 129.4 | 132.1 | 133.0 | 133.5 | 133.5 | 133.5 | 132.6 | 130.7 | 127.6 |
| 72.5° | 130.3 | 124.9 | 124.4 | 124.0 | 124.4 | 123.1 | 123.1 | 122.1 | 119.9 | 118.5 | 115.8 |
| 75° | 115.8 | 113.1 | 113.6 | 113.1 | 112.2 | 111.7 | 109.5 | 108.6 | 105.9 | 104.1 | 100.4 |
| 77.5° | 99.5 | 100.0 | 99.5 | 100.0 | 100.9 | 101.3 | 98.2 | 95.9 | 93.6 | 91.8 | 90.0 |
| 80° | 82.8 | 83.7 | 82.8 | 83.7 | 84.1 | 84.1 | 81.0 | 77.4 | 75.6 | 76.9 | 77.4 |
| 82.5° | 73.7 | 73.7 | 70.1 | 71.0 | 70.1 | 68.8 | 66.5 | 65.1 | 63.8 | 62.9 | 65.1 |
| 85° | 58.4 | 58.8 | 59.7 | 58.8 | 57.0 | 55.6 | 53.4 | 51.6 | 50.2 | 51.6 | 54.7 |
| 87.5° | 34.8 | 37.5 | 36.2 | 36.2 | 35.7 | 35.7 | 33.9 | 33.0 | 31.7 | 37.1 | 39.8 |
| 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: VPL-F03-LED-E1-CPR-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 2.5° | 755.5 | 756.9 | 757.3 | 756.9 | 757.3 | 758.2 | 754.6 | 758.2 | 758.7 | 756.0 | 756.9 |
| 5° | 761.8 | 764.1 | 767.3 | 767.3 | 769.5 | 770.9 | 769.1 | 774.0 | 775.0 | 774.5 | 776.8 |
| 7.5° | 766.4 | 769.5 | 773.6 | 775.9 | 779.9 | 781.7 | 783.1 | 787.6 | 788.5 | 790.3 | 792.1 |
| 10° | 765.9 | 770.4 | 774.0 | 780.4 | 785.4 | 789.0 | 791.7 | 796.7 | 798.5 | 801.2 | 802.6 |
| 12.5° | 752.8 | 757.8 | 764.5 | 773.6 | 782.6 | 788.5 | 795.8 | 803.0 | 805.7 | 809.3 | 811.6 |
| 15° | 723.4 | 727.5 | 737.0 | 748.7 | 760.9 | 775.9 | 786.3 | 797.6 | 802.6 | 806.2 | 809.3 |
| 17.5° | 684.9 | 688.5 | 697.1 | 707.5 | 723.8 | 738.3 | 754.1 | 771.3 | 779.9 | 784.0 | 785.4 |
| 20° | 649.2 | 654.6 | 656.9 | 669.1 | 674.5 | 689.0 | 702.6 | 721.6 | 732.4 | 739.7 | 744.2 |
| 22.5° | 593.1 | 595.8 | 607.6 | 612.5 | 616.6 | 625.7 | 642.4 | 659.1 | 673.6 | 685.4 | 689.0 |
| 25° | 531.1 | 538.4 | 544.7 | 548.8 | 558.3 | 558.7 | 572.3 | 584.0 | 602.1 | 613.4 | 622.5 |
| 27.5° | 462.8 | 473.7 | 477.3 | 480.0 | 487.2 | 495.8 | 500.8 | 512.6 | 523.0 | 536.1 | 552.4 |
| 30° | 394.0 | 404.4 | 411.7 | 415.8 | 422.5 | 430.7 | 434.3 | 442.0 | 455.6 | 470.0 | 482.7 |
| 32.5° | 329.8 | 340.7 | 344.3 | 357.4 | 359.2 | 366.9 | 369.6 | 381.8 | 389.5 | 401.7 | 416.7 |
| 35° | 266.9 | 278.2 | 289.1 | 296.3 | 304.5 | 304.0 | 311.2 | 322.6 | 329.3 | 342.0 | 352.0 |
| 37.5° | 223.9 | 230.7 | 238.4 | 246.6 | 255.6 | 262.4 | 269.2 | 274.2 | 279.6 | 288.2 | 297.2 |
| 40° | 204.9 | 206.7 | 209.9 | 214.9 | 221.2 | 226.2 | 231.2 | 235.2 | 239.3 | 246.1 | 252.0 |
| 42.5° | 197.2 | 195.9 | 195.9 | 195.0 | 197.2 | 200.0 | 204.0 | 205.4 | 211.7 | 215.8 | 218.1 |
| 45° | 191.8 | 188.6 | 186.4 | 183.7 | 182.8 | 183.7 | 185.9 | 189.1 | 193.2 | 194.5 | 194.5 |
| 47.5° | 188.6 | 183.7 | 180.1 | 176.0 | 173.7 | 173.7 | 175.1 | 177.3 | 179.6 | 180.1 | 179.6 |
| 50° | 177.8 | 172.8 | 168.3 | 164.7 | 162.9 | 162.9 | 163.3 | 166.5 | 166.9 | 166.0 | 166.5 |
| 52.5° | 169.6 | 164.7 | 160.1 | 157.0 | 154.7 | 155.2 | 156.5 | 157.9 | 159.2 | 158.3 | 157.4 |
| 55° | 164.7 | 158.8 | 154.7 | 151.1 | 148.4 | 149.3 | 150.6 | 152.5 | 154.7 | 153.4 | 152.0 |
| 57.5° | 160.1 | 155.2 | 150.2 | 146.6 | 143.4 | 144.3 | 145.7 | 148.4 | 151.1 | 148.4 | 146.6 |
| 60° | 156.1 | 151.1 | 146.1 | 142.5 | 138.9 | 139.8 | 141.6 | 144.3 | 146.6 | 143.0 | 140.7 |
| 62.5° | 146.1 | 141.6 | 138.0 | 136.2 | 133.9 | 135.3 | 136.6 | 139.8 | 138.9 | 135.3 | 132.6 |
| 63° | 144.3 | 139.8 | 136.6 | 134.8 | 133.0 | 134.8 | 135.3 | 138.4 | 137.1 | 133.5 | 131.2 |
| 65° | 138.9 | 135.3 | 132.1 | 130.3 | 128.5 | 129.4 | 129.4 | 130.7 | 128.9 | 126.2 | 124.4 |
| 67.5° | 133.9 | 129.8 | 126.7 | 123.1 | 121.2 | 120.3 | 119.9 | 119.4 | 118.1 | 116.7 | 116.3 |
| 70° | 123.1 | 120.3 | 117.6 | 114.5 | 111.7 | 109.9 | 109.0 | 108.1 | 107.2 | 106.8 | 106.3 |
| 72.5° | 111.3 | 109.0 | 106.3 | 104.5 | 102.2 | 100.9 | 98.6 | 98.2 | 97.3 | 96.4 | 95.9 |
| 75° | 98.6 | 95.9 | 95.0 | 93.2 | 91.8 | 90.9 | 89.1 | 88.7 | 87.8 | 86.4 | 86.0 |
| 77.5° | 87.3 | 86.4 | 85.1 | 84.6 | 82.3 | 81.0 | 80.1 | 79.6 | 78.7 | 77.8 | 76.9 |
| 80° | 77.8 | 77.4 | 76.5 | 76.0 | 74.6 | 72.8 | 71.9 | 72.4 | 71.0 | 70.6 | 69.2 |
| 82.5° | 70.1 | 70.6 | 70.6 | 69.2 | 67.9 | 65.6 | 64.7 | 66.0 | 65.1 | 63.3 | 61.5 |
| 85° | 59.7 | 59.3 | 59.7 | 59.3 | 56.5 | 54.3 | 53.4 | 54.3 | 53.8 | 51.1 | 50.7 |
| 87.5° | 42.5 | 42.1 | 41.2 | 43.9 | 40.3 | 32.6 | 33.5 | 38.0 | 36.6 | 35.3 | 34.4 |
| 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: P146224

CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 2.5° | 758.7 | 757.3 | 758.2 | 758.7 | 757.3 | 760.5 | 757.3 | 757.8 | 758.7 | 756.0 | 755.5 |
| 5° | 778.6 | 778.6 | 782.2 | 782.6 | 782.2 | 786.3 | 785.8 | 786.3 | 785.4 | 784.9 | 783.1 |
| 7.5° | 794.9 | 796.7 | 799.4 | 803.5 | 804.8 | 808.0 | 808.9 | 809.3 | 811.1 | 813.0 | 812.1 |
| 10° | 806.6 | 811.6 | 813.9 | 817.9 | 822.0 | 824.3 | 826.5 | 830.1 | 831.5 | 832.9 | 831.1 |
| 12.5° | 814.8 | 820.6 | 824.3 | 829.2 | 834.2 | 837.8 | 841.9 | 846.4 | 851.0 | 852.3 | 850.1 |
| 15° | 810.7 | 817.5 | 822.9 | 828.3 | 836.0 | 842.8 | 850.5 | 858.6 | 864.5 | 866.8 | 864.1 |
| 17.5° | 785.4 | 792.1 | 800.3 | 808.4 | 816.6 | 829.2 | 840.1 | 853.7 | 863.2 | 870.0 | 870.9 |
| 20° | 750.5 | 754.6 | 766.4 | 774.5 | 787.6 | 802.6 | 818.8 | 834.7 | 845.5 | 857.7 | 865.0 |
| 22.5° | 699.0 | 707.1 | 720.2 | 734.2 | 747.4 | 766.8 | 784.0 | 804.8 | 823.4 | 840.1 | 855.9 |
| 25° | 636.1 | 647.4 | 662.8 | 682.2 | 699.4 | 720.2 | 745.1 | 768.2 | 799.4 | 825.6 | 859.6 |
| 27.5° | 568.2 | 589.0 | 610.3 | 630.6 | 649.6 | 673.2 | 699.0 | 724.7 | 760.5 | 802.6 | 846.9 |
| 30° | 504.0 | 521.2 | 547.9 | 571.4 | 593.5 | 622.5 | 649.2 | 677.7 | 711.6 | 761.4 | 811.6 |
| 32.5° | 437.0 | 451.0 | 471.8 | 500.8 | 526.6 | 560.5 | 584.0 | 618.0 | 657.3 | 709.8 | 766.8 |
| 35° | 367.8 | 387.3 | 404.0 | 423.9 | 443.3 | 477.3 | 512.6 | 550.1 | 595.4 | 651.5 | 713.9 |
| 37.5° | 306.7 | 318.9 | 327.1 | 347.4 | 364.6 | 393.6 | 434.8 | 480.0 | 529.8 | 586.8 | 653.7 |
| 40° | 256.1 | 263.7 | 272.8 | 286.4 | 300.8 | 327.1 | 365.1 | 415.8 | 467.8 | 524.8 | 591.7 |
| 42.5° | 221.2 | 226.2 | 227.1 | 237.5 | 251.1 | 276.9 | 307.2 | 353.8 | 411.2 | 470.9 | 537.9 |
| 45° | 197.2 | 197.2 | 196.8 | 201.3 | 212.2 | 234.3 | 261.9 | 303.6 | 358.3 | 420.7 | 490.4 |
| 47.5° | 180.5 | 181.9 | 181.4 | 183.2 | 190.5 | 206.7 | 231.6 | 266.9 | 316.7 | 377.8 | 447.9 |
| 50° | 167.8 | 169.6 | 170.1 | 170.6 | 173.3 | 186.8 | 208.1 | 236.6 | 280.9 | 339.3 | 409.9 |
| 52.5° | 157.9 | 158.3 | 158.3 | 157.9 | 158.8 | 166.5 | 184.1 | 210.4 | 251.5 | 304.0 | 371.9 |
| 55° | 152.5 | 152.9 | 152.9 | 152.9 | 152.9 | 157.9 | 170.6 | 191.8 | 224.8 | 274.2 | 335.7 |
| 57.5° | 146.1 | 146.1 | 147.0 | 147.0 | 147.0 | 148.8 | 157.9 | 175.5 | 200.9 | 240.2 | 295.0 |
| 60° | 140.7 | 142.1 | 143.9 | 144.3 | 143.9 | 143.9 | 148.4 | 160.1 | 176.9 | 205.4 | 251.5 |
| 62.5° | 132.6 | 134.4 | 136.6 | 137.5 | 138.0 | 137.1 | 139.3 | 144.3 | 154.3 | 169.2 | 200.4 |
| 63° | 131.2 | 133.0 | 134.8 | 135.7 | 136.2 | 135.3 | 137.1 | 141.1 | 149.3 | 161.5 | 189.6 |
| 65° | 125.3 | 127.6 | 128.0 | 128.5 | 128.0 | 127.6 | 127.1 | 127.1 | 129.4 | 133.9 | 148.8 |
| 67.5° | 117.2 | 118.5 | 118.5 | 119.4 | 117.2 | 116.3 | 115.4 | 114.5 | 113.1 | 113.6 | 119.0 |
| 70° | 107.7 | 108.6 | 108.1 | 107.7 | 106.8 | 105.4 | 104.5 | 103.1 | 100.4 | 99.5 | 102.2 |
| 72.5° | 96.8 | 97.7 | 97.7 | 97.7 | 95.9 | 95.0 | 94.1 | 93.2 | 92.3 | 93.2 | 94.1 |
| 75° | 86.9 | 86.9 | 87.8 | 87.3 | 86.0 | 85.1 | 84.6 | 84.1 | 84.1 | 84.1 | 83.7 |
| 77.5° | 77.4 | 76.9 | 76.9 | 75.6 | 74.6 | 74.2 | 75.1 | 75.6 | 75.1 | 74.2 | 73.7 |
| 80° | 69.2 | 67.0 | 64.7 | 62.9 | 62.4 | 63.3 | 64.2 | 67.0 | 65.6 | 65.6 | 64.7 |
| 82.5° | 58.8 | 53.8 | 50.7 | 51.1 | 49.8 | 50.2 | 51.1 | 54.3 | 53.4 | 53.8 | 55.6 |
| 85° | 47.0 | 42.5 | 37.5 | 38.5 | 38.5 | 37.5 | 39.8 | 40.7 | 41.6 | 43.9 | 42.1 |
| 87.5° | 33.0 | 29.0 | 24.0 | 20.8 | 21.7 | 22.6 | 23.5 | 22.6 | 19.9 | 20.8 | 20.4 |
| 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: P146224

CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 2.5° | 754.6 | 755.0 | 755.0 | 751.9 | 751.0 | 751.9 | 751.4 | 751.4 | 748.7 | 749.2 | 748.3 |
| 5° | 782.2 | 783.1 | 780.4 | 778.1 | 775.0 | 774.5 | 774.0 | 772.2 | 770.4 | 766.8 | 765.0 |
| 7.5° | 811.6 | 807.5 | 806.6 | 802.6 | 801.2 | 797.6 | 794.9 | 792.1 | 789.9 | 788.1 | 786.7 |
| 10° | 830.1 | 827.0 | 826.1 | 818.8 | 816.6 | 812.1 | 809.3 | 806.2 | 803.5 | 800.7 | 800.3 |
| 12.5° | 846.9 | 841.5 | 838.3 | 828.3 | 823.8 | 818.8 | 816.6 | 813.9 | 813.0 | 812.5 | 814.3 |
| 15° | 860.0 | 852.3 | 846.4 | 837.4 | 833.8 | 831.1 | 831.5 | 830.1 | 835.6 | 838.7 | 844.6 |
| 17.5° | 868.6 | 865.4 | 864.1 | 857.3 | 859.6 | 859.6 | 865.9 | 869.1 | 879.0 | 887.1 | 895.3 |
| 20° | 873.1 | 879.0 | 890.3 | 892.6 | 898.0 | 903.9 | 913.4 | 918.8 | 929.2 | 941.0 | 952.3 |
| 22.5° | 877.2 | 902.1 | 925.1 | 942.3 | 954.6 | 968.1 | 974.9 | 986.2 | 993.5 | 1002.1 | 1019.2 |
| 25° | 899.8 | 941.4 | 982.2 | 1004.3 | 1033.3 | 1052.7 | 1068.1 | 1079.4 | 1092.1 | 1099.3 | 1118.8 |
| 27.5° | 893.5 | 946.4 | 1000.7 | 1041.4 | 1086.7 | 1123.3 | 1155.9 | 1177.6 | 1193.9 | 1220.1 | 1236.4 |
| 30° | 864.5 | 926.1 | 991.7 | 1049.6 | 1112.9 | 1172.6 | 1229.2 | 1279.8 | 1323.3 | 1358.5 | 1382.5 |
| 32.5° | 823.4 | 893.9 | 970.8 | 1042.3 | 1123.3 | 1202.9 | 1284.4 | 1361.7 | 1435.5 | 1493.8 | 1530.5 |
| 35° | 777.2 | 853.2 | 938.3 | 1022.9 | 1120.1 | 1224.2 | 1334.1 | 1438.2 | 1544.9 | 1638.1 | 1711.4 |
| 37.5° | 721.1 | 803.5 | 896.6 | 994.8 | 1106.6 | 1231.4 | 1369.9 | 1511.5 | 1647.6 | 1788.8 | 1891.9 |
| 40° | 662.3 | 742.8 | 839.6 | 951.8 | 1080.8 | 1227.8 | 1397.5 | 1581.1 | 1778.4 | 1960.2 | 2117.2 |
| 42.5° | 612.1 | 690.8 | 792.1 | 903.0 | 1041.9 | 1214.2 | 1416.0 | 1643.6 | 1886.5 | 2122.2 | 2330.7 |
| 45° | 562.8 | 646.9 | 749.2 | 866.3 | 1017.9 | 1208.8 | 1440.0 | 1697.8 | 1975.2 | 2254.7 | 2520.8 |
| 47.5° | 523.9 | 607.1 | 710.3 | 836.0 | 998.4 | 1205.6 | 1462.6 | 1748.5 | 2047.5 | 2353.4 | 2668.7 |
| 50° | 486.8 | 566.4 | 666.8 | 799.4 | 978.1 | 1200.7 | 1476.2 | 1788.8 | 2104.1 | 2430.7 | 2773.6 |
| 52.5° | 448.8 | 531.6 | 629.3 | 757.8 | 951.4 | 1190.7 | 1480.2 | 1820.4 | 2162.5 | 2504.9 | 2871.8 |
| 55° | 410.3 | 493.1 | 590.8 | 723.8 | 915.2 | 1171.3 | 1477.1 | 1843.5 | 2223.5 | 2583.2 | 2961.4 |
| 57.5° | 363.3 | 444.7 | 546.9 | 680.9 | 868.6 | 1132.3 | 1461.7 | 1853.5 | 2261.5 | 2656.5 | 3051.4 |
| 60° | 310.3 | 387.3 | 484.1 | 620.7 | 811.6 | 1076.3 | 1427.3 | 1839.4 | 2278.7 | 2704.9 | 3146.9 |
| 62.5° | 243.8 | 310.8 | 399.9 | 535.6 | 728.8 | 995.3 | 1352.2 | 1777.5 | 2237.1 | 2692.7 | 3188.0 |
| 63° | 228.9 | 293.6 | 385.4 | 513.0 | 704.4 | 967.2 | 1330.0 | 1756.2 | 2218.6 | 2681.4 | 3183.1 |
| 65° | 174.6 | 222.6 | 298.6 | 412.6 | 595.4 | 837.8 | 1213.3 | 1635.9 | 2101.8 | 2568.7 | 3104.8 |
| 67.5° | 128.9 | 153.8 | 200.4 | 276.9 | 418.9 | 651.9 | 994.4 | 1412.8 | 1853.9 | 2292.7 | 2838.3 |
| 70° | 106.8 | 116.3 | 138.0 | 177.3 | 259.2 | 432.5 | 702.6 | 1075.3 | 1490.2 | 1867.9 | 2360.6 |
| 72.5° | 95.5 | 102.2 | 112.2 | 129.8 | 163.8 | 253.8 | 456.9 | 698.0 | 1037.8 | 1364.4 | 1780.6 |
| 75° | 85.5 | 90.0 | 98.2 | 108.6 | 124.0 | 158.8 | 241.6 | 413.9 | 634.3 | 919.3 | 1221.5 |
| 77.5° | 75.1 | 79.6 | 87.8 | 95.9 | 105.9 | 120.8 | 149.7 | 235.7 | 379.6 | 536.5 | 749.6 |
| 80° | 65.1 | 67.4 | 74.2 | 86.0 | 93.2 | 105.4 | 114.9 | 147.5 | 206.7 | 280.9 | 399.5 |
| 82.5° | 53.8 | 54.3 | 58.8 | 67.9 | 76.9 | 81.4 | 84.1 | 92.7 | 119.0 | 148.4 | 195.9 |
| 85° | 38.5 | 36.6 | 39.4 | 43.0 | 50.2 | 46.1 | 49.3 | 52.0 | 63.3 | 76.5 | 140.2 |
| 87.5° | 17.2 | 13.6 | 15.8 | 17.6 | 15.8 | 10.9 | 15.8 | 13.1 | 16.3 | 32.1 | 36.2 |
| 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: P146224
 CATALOG NUMBER: VPL-F03-LED-E1-CPR-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 0° |
| 2.5° | 749.2 | 746.5 | 746.5 | 746.0 | 746.5 | 745.5 | 743.7 | 743.7 | 745.1 | 744.6 | 744.6 | 2.5° |
| 5° | 765.0 | 761.4 | 760.5 | 760.0 | 760.0 | 757.8 | 755.0 | 753.7 | 753.2 | 751.4 | 750.1 | 5° |
| 7.5° | 785.8 | 783.6 | 784.9 | 782.2 | 781.3 | 780.8 | 777.2 | 774.5 | 770.4 | 768.6 | 761.8 | 7.5° |
| 10° | 803.0 | 801.6 | 805.3 | 804.8 | 805.3 | 805.3 | 800.3 | 797.6 | 791.7 | 788.5 | 779.9 | 10° |
| 12.5° | 817.9 | 818.8 | 825.6 | 825.6 | 827.0 | 828.8 | 826.1 | 820.2 | 817.9 | 814.8 | 805.7 | 12.5° |
| 15° | 855.9 | 859.6 | 864.5 | 872.7 | 874.9 | 875.4 | 877.6 | 872.7 | 866.8 | 858.6 | 847.8 | 15° |
| 17.5° | 907.5 | 914.7 | 931.5 | 943.2 | 945.5 | 947.8 | 946.4 | 945.5 | 934.7 | 927.9 | 916.6 | 17.5° |
| 20° | 972.2 | 989.8 | 1013.4 | 1029.7 | 1036.9 | 1037.8 | 1046.8 | 1040.5 | 1030.6 | 1017.0 | 1000.7 | 20° |
| 22.5° | 1044.6 | 1074.0 | 1103.8 | 1127.8 | 1141.8 | 1148.2 | 1157.7 | 1148.6 | 1135.5 | 1127.4 | 1105.7 | 22.5° |
| 25° | 1143.7 | 1175.8 | 1210.2 | 1229.2 | 1264.9 | 1275.3 | 1280.7 | 1278.0 | 1264.4 | 1270.3 | 1250.4 | 25° |
| 27.5° | 1279.4 | 1307.0 | 1355.4 | 1379.4 | 1412.8 | 1432.3 | 1428.2 | 1450.8 | 1454.9 | 1468.9 | 1471.2 | 27.5° |
| 30° | 1427.3 | 1473.0 | 1538.1 | 1586.6 | 1637.7 | 1670.7 | 1696.9 | 1716.8 | 1739.9 | 1778.8 | 1802.3 | 30° |
| 32.5° | 1587.0 | 1653.1 | 1736.3 | 1839.0 | 1947.6 | 2036.2 | 2136.2 | 2153.4 | 2205.0 | 2190.0 | 2180.1 | 32.5° |
| 35° | 1764.8 | 1848.0 | 1954.8 | 2089.6 | 2247.5 | 2394.1 | 2490.4 | 2538.8 | 2559.2 | 2570.5 | 2501.8 | 35° |
| 37.5° | 2002.8 | 2115.4 | 2234.4 | 2381.4 | 2502.2 | 2639.3 | 2750.1 | 2870.5 | 2925.6 | 2899.4 | 2767.8 | 37.5° |
| 40° | 2266.5 | 2371.9 | 2533.0 | 2653.3 | 2795.8 | 3021.6 | 3171.7 | 3316.5 | 3361.8 | 3274.4 | 3068.2 | 40° |
| 42.5° | 2531.2 | 2675.9 | 2850.5 | 3021.6 | 3185.3 | 3389.8 | 3588.9 | 3731.8 | 3781.6 | 3632.3 | 3387.5 | 42.5° |
| 45° | 2766.9 | 2952.3 | 3157.7 | 3333.3 | 3562.2 | 3829.5 | 4073.4 | 4188.3 | 4179.2 | 3939.5 | 3664.0 | 45° |
| 47.5° | 2972.2 | 3212.9 | 3444.5 | 3681.1 | 3911.9 | 4213.6 | 4455.2 | 4587.3 | 4493.7 | 4241.7 | 3929.5 | 47.5° |
| 50° | 3141.9 | 3432.8 | 3712.4 | 3984.3 | 4267.5 | 4588.2 | 4821.2 | 4943.3 | 4800.8 | 4481.9 | 4133.1 | 50° |
| 52.5° | 3270.8 | 3631.4 | 3953.5 | 4257.5 | 4595.9 | 4942.4 | 5149.6 | 5223.4 | 5001.2 | 4667.8 | 4285.5 | 52.5° |
| 55° | 3392.5 | 3800.1 | 4156.6 | 4501.8 | 4923.0 | 5233.8 | 5427.8 | 5414.3 | 5127.5 | 4748.8 | 4381.0 | 55° |
| 57.5° | 3484.4 | 3944.0 | 4323.5 | 4716.7 | 5170.4 | 5502.5 | 5614.7 | 5525.1 | 5179.9 | 4772.8 | 4408.6 | 57.5° |
| 60° | 3600.2 | 4056.2 | 4471.9 | 4910.8 | 5405.7 | 5686.6 | 5701.5 | 5540.9 | 5165.0 | 4727.5 | 4369.7 | 60° |
| 62.5° | 3674.4 | 4126.3 | 4566.5 | 5043.8 | 5584.8 | 5790.2 | 5683.5 | 5472.6 | 5079.1 | 4615.8 | 4280.6 | 62.5° |
| 63° | 3681.6 | 4133.1 | 4574.2 | 5056.9 | 5610.2 | 5794.7 | 5666.7 | 5441.9 | 5053.7 | 4585.0 | 4257.0 | 63° |
| 65° | 3649.0 | 4113.6 | 4538.9 | 5033.4 | 5616.5 | 5741.4 | 5544.1 | 5315.7 | 4913.9 | 4428.1 | 4118.6 | 65° |
| 67.5° | 3421.5 | 3904.6 | 4310.4 | 4774.1 | 5372.2 | 5441.4 | 5243.7 | 4995.4 | 4618.1 | 4089.7 | 3816.0 | 67.5° |
| 70° | 3013.9 | 3473.0 | 3760.8 | 4191.4 | 4717.6 | 4800.4 | 4623.5 | 4431.2 | 4096.0 | 3654.5 | 3427.4 | 70° |
| 72.5° | 2428.0 | 2879.0 | 3051.9 | 3381.7 | 3799.7 | 3781.6 | 3657.2 | 3633.2 | 3456.8 | 3086.2 | 2949.6 | 72.5° |
| 75° | 1815.0 | 2244.3 | 2317.2 | 2451.5 | 2685.0 | 2679.1 | 2708.0 | 2811.2 | 2899.4 | 2680.4 | 2505.4 | 75° |
| 77.5° | 1197.0 | 1624.1 | 1669.3 | 1825.9 | 1890.6 | 2067.9 | 2276.0 | 2535.2 | 2663.7 | 2574.1 | 2359.2 | 77.5° |
| 80° | 662.3 | 1111.1 | 1102.0 | 1163.1 | 1277.6 | 1535.4 | 1850.8 | 2235.7 | 2492.7 | 2428.5 | 2193.2 | 80° |
| 82.5° | 344.3 | 702.1 | 691.7 | 702.6 | 808.9 | 1025.6 | 1265.4 | 1580.2 | 1845.8 | 1851.7 | 1772.5 | 82.5° |
| 85° | 256.1 | 504.0 | 533.8 | 558.3 | 628.8 | 704.4 | 748.3 | 849.1 | 994.8 | 1130.5 | 1178.9 | 85° |
| 87.5° | 94.1 | 302.7 | 376.8 | 404.9 | 406.7 | 397.2 | 323.5 | 356.0 | 323.9 | 383.2 | 535.2 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P146224

NUMBER: VPL-F03-LED-E1-CPR-7030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 | 748.3 |
| 745.5 | 745.5 | 745.1 | 746.0 | 746.5 | 747.8 | 747.4 |
| 748.7 | 747.4 | 746.0 | 745.1 | 744.2 | 744.6 | 743.7 |
| 756.9 | 752.3 | 748.7 | 745.5 | 742.8 | 742.4 | 739.7 |
| 775.0 | 766.8 | 760.0 | 755.0 | 749.6 | 746.9 | 741.9 |
| 798.0 | 789.0 | 780.4 | 773.1 | 766.8 | 763.2 | 759.6 |
| 838.3 | 825.2 | 814.8 | 807.1 | 800.7 | 796.7 | 793.1 |
| 898.0 | 881.7 | 865.9 | 851.0 | 849.1 | 839.6 | 839.6 |
| 980.3 | 958.2 | 937.8 | 925.1 | 919.3 | 906.6 | 906.6 |
| 1094.3 | 1072.6 | 1042.3 | 1026.9 | 1028.3 | 1017.4 | 1022.4 |
| 1241.8 | 1223.7 | 1192.5 | 1186.2 | 1186.2 | 1174.4 | 1156.8 |
| 1463.0 | 1456.7 | 1422.3 | 1430.9 | 1412.8 | 1369.0 | 1321.4 |
| 1791.5 | 1791.5 | 1725.0 | 1677.0 | 1635.4 | 1567.1 | 1483.4 |
| 2120.4 | 2077.4 | 1975.6 | 1894.2 | 1807.8 | 1703.3 | 1595.6 |
| 2398.2 | 2283.7 | 2180.5 | 2081.0 | 1951.2 | 1839.0 | 1687.9 |
| 2632.5 | 2523.9 | 2405.8 | 2254.3 | 2101.8 | 1945.3 | 1751.2 |
| 2922.9 | 2790.8 | 2613.5 | 2423.0 | 2235.7 | 2020.4 | 1795.6 |
| 3188.5 | 3022.9 | 2799.0 | 2557.8 | 2319.4 | 2079.2 | 1816.8 |
| 3438.2 | 3224.7 | 2948.3 | 2658.7 | 2387.3 | 2115.4 | 1825.9 |
| 3673.5 | 3387.1 | 3065.4 | 2730.7 | 2433.9 | 2134.9 | 1823.6 |
| 3828.6 | 3506.1 | 3139.2 | 2774.1 | 2461.9 | 2141.6 | 1817.3 |
| 3925.9 | 3578.9 | 3182.6 | 2798.1 | 2476.0 | 2143.0 | 1816.8 |
| 3980.6 | 3620.1 | 3206.1 | 2814.8 | 2491.3 | 2151.1 | 1827.7 |
| 4023.2 | 3652.6 | 3232.4 | 2843.3 | 2528.0 | 2189.1 | 1871.6 |
| 4063.4 | 3738.1 | 3300.7 | 2895.8 | 2591.8 | 2260.2 | 1967.9 |
| 4080.2 | 3900.6 | 3439.6 | 2992.6 | 2680.9 | 2374.2 | 2118.1 |
| 4078.8 | 3931.3 | 3479.8 | 3019.3 | 2704.4 | 2404.5 | 2156.6 |
| 4029.5 | 4029.0 | 3663.1 | 3146.9 | 2813.9 | 2544.7 | 2317.2 |
| 3883.4 | 4077.9 | 3865.7 | 3315.2 | 2984.0 | 2775.9 | 2558.8 |
| 3652.2 | 4018.6 | 3893.3 | 3359.5 | 3104.8 | 2988.1 | 2719.8 |
| 3254.1 | 3735.4 | 3635.0 | 3170.4 | 3063.6 | 3029.7 | 2723.9 |
| 2632.0 | 3003.0 | 2960.0 | 2708.5 | 2747.9 | 2817.5 | 2433.0 |
| 2120.4 | 2108.6 | 2102.3 | 2010.9 | 2178.3 | 2319.9 | 1808.7 |
| 1771.1 | 1459.0 | 1354.9 | 1319.6 | 1595.6 | 1704.2 | 1122.4 |
| 1655.8 | 1310.6 | 1051.4 | 1007.0 | 1195.7 | 1253.6 | 676.8 |
| 1265.4 | 1272.6 | 1101.6 | 944.2 | 930.1 | 851.4 | 495.8 |
| 619.3 | 629.7 | 665.5 | 607.6 | 521.2 | 439.3 | 156.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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