

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: P141178

Luminaire Tested: **MEM-E01-LED-E-U-SL3-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141178
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33691)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: MEM-E01-LED-E-U-SL3-8030
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2442.4 lumens
Efficiency: N/A
Efficacy: 98.9 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

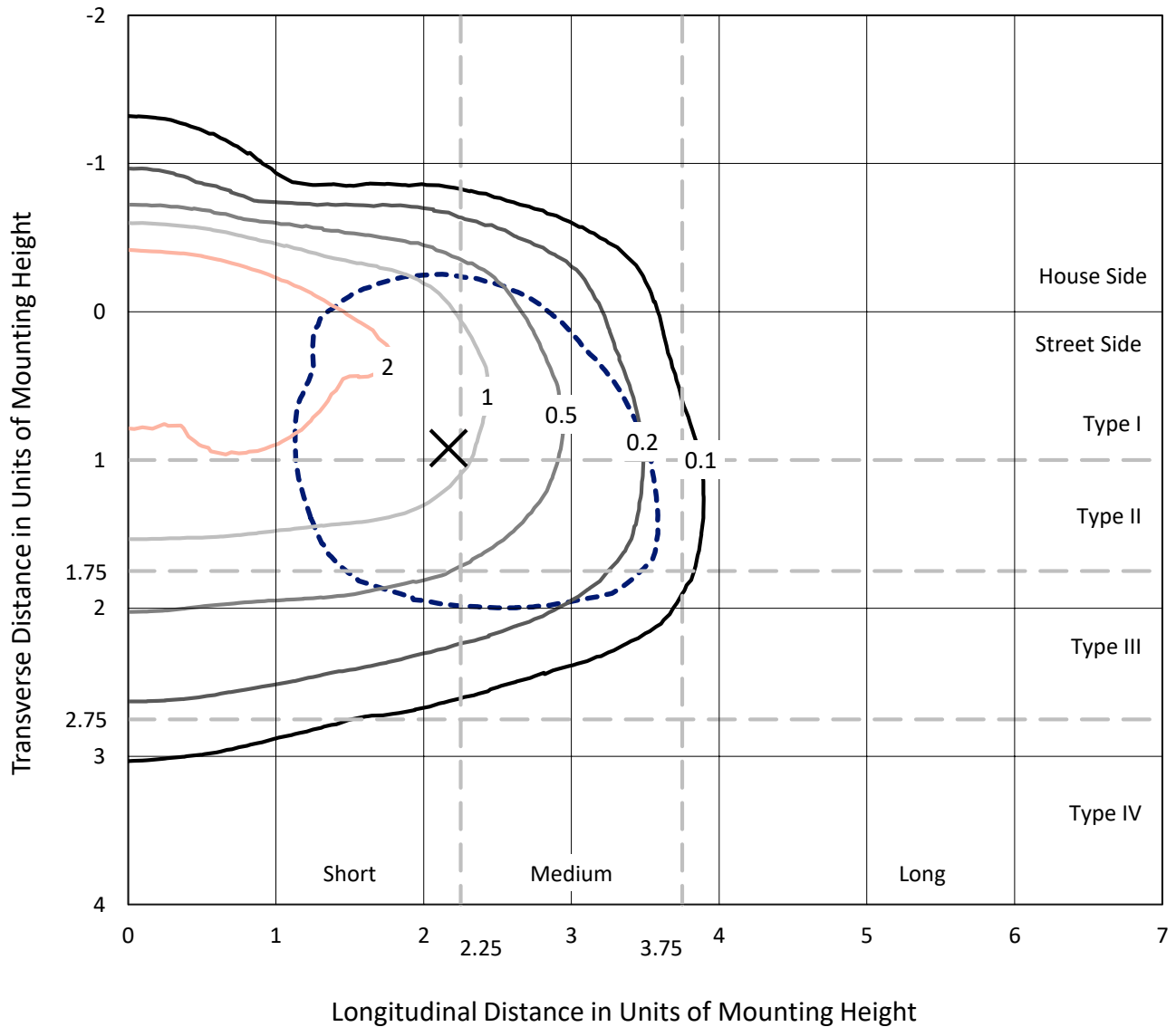
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

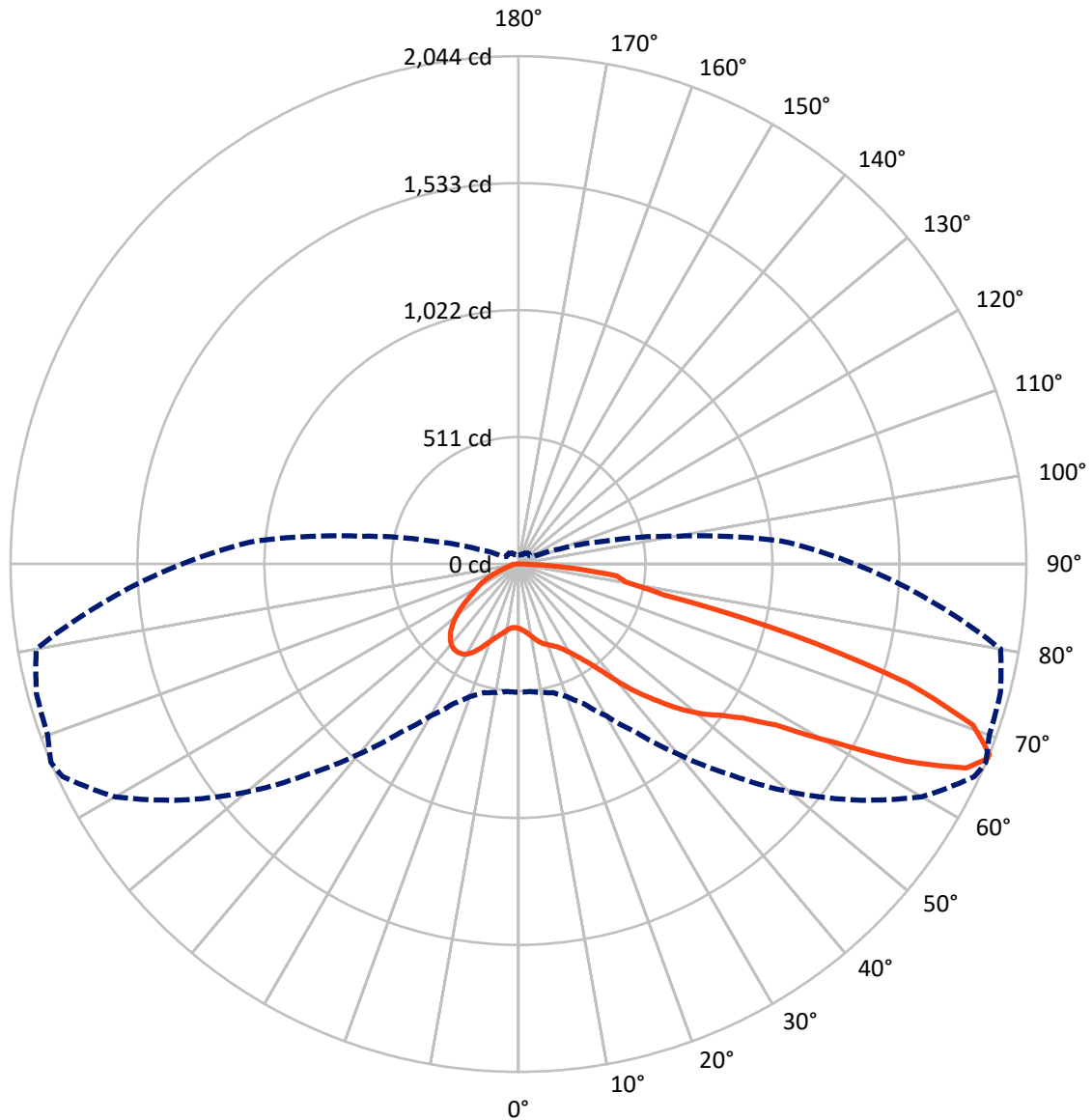
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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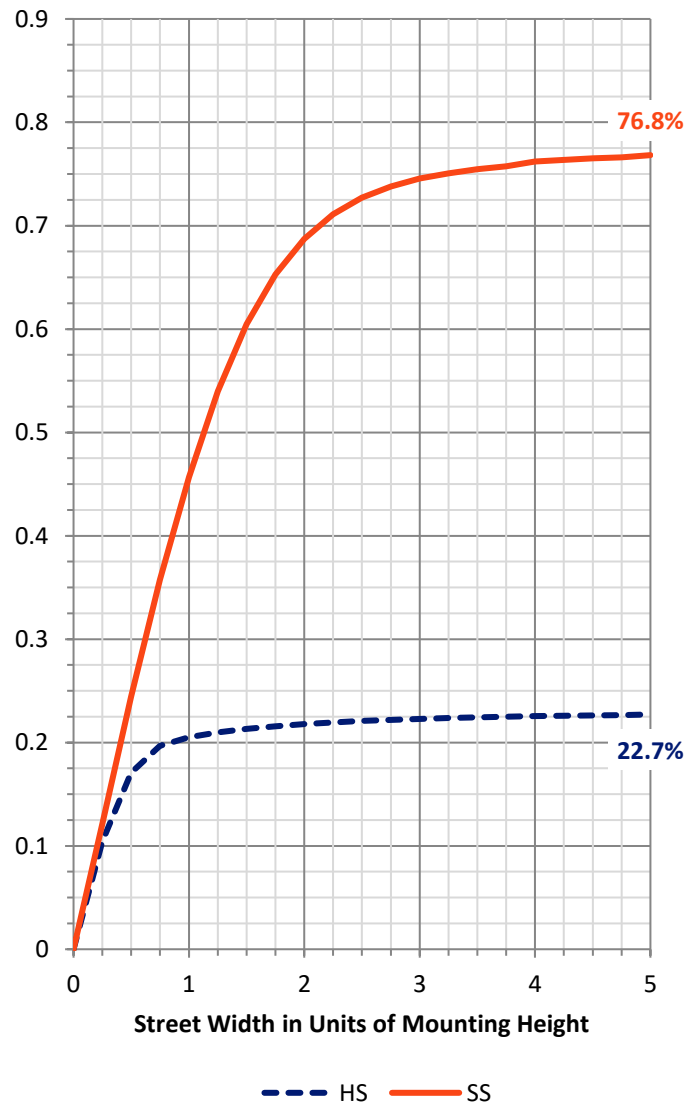
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 561.9 | 0.0 | 561.9 |
| | % Fixture | 23.0 | 0.0 | 23.0 |
| Street Side | Lumens | 1880.5 | 0.0 | 1880.5 |
| | % Fixture | 77.0 | 0.0 | 77.0 |
| Total | Lumens | 2442.4 | 0.0 | 2442.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 26.0 | 1.1 |
| 10°-20° | 89.8 | 3.7 |
| 20°-30° | 159.9 | 6.5 |
| 30°-40° | 229.8 | 9.4 |
| 40°-50° | 350.3 | 14.3 |
| 50°-60° | 511.7 | 20.9 |
| 60°-70° | 689.4 | 28.2 |
| 70°-80° | 338.5 | 13.9 |
| 80°-90° | 47.1 | 1.9 |
| 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° | 2442.4 | 100.0 |
| 0°-180° | 2442.4 | 100.0 |



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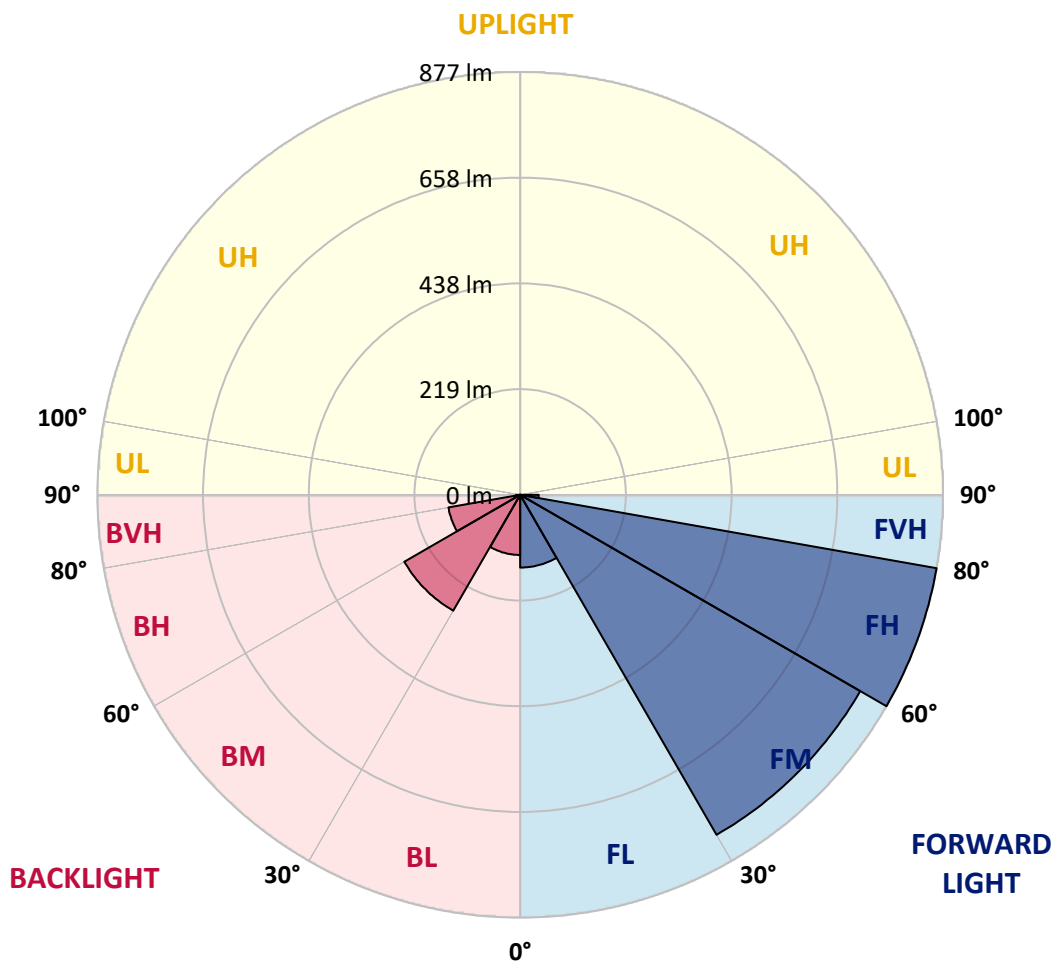
CATALOG NUMBER: MEM-E01-LED-E-U-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 150.9 | 6.2 | | | |
| FM | (30°-60°) | 814.2 | 33.3 | | | |
| FH | (60°-80°) | 876.8 | 35.9 | | | G1/1800 |
| FVH | (80°-90°) | 38.6 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 124.8 | 5.1 | B1/500 | | |
| BM | (30°-60°) | 277.5 | 11.4 | B1/1000 | | |
| BH | (60°-80°) | 151.1 | 6.2 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 8.5 | 0.3 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type III Short





REPORT NUMBER: P141178

CATALOG NUMBER: MEM-E01-LED-E-U-SL3-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 |
| 2.5° | 272.6 | 271.2 | 272.3 | 272.0 | 271.2 | 270.1 | 270.6 | 269.8 | 269.2 | 268.4 | 267.5 |
| 5° | 290.3 | 289.5 | 288.9 | 288.1 | 287.5 | 286.7 | 286.1 | 284.7 | 282.7 | 281.3 | 280.2 |
| 7.5° | 307.8 | 307.5 | 306.7 | 305.5 | 303.3 | 302.7 | 300.7 | 299.3 | 297.6 | 294.8 | 292.6 |
| 10° | 328.3 | 328.0 | 326.6 | 324.9 | 322.4 | 319.9 | 317.6 | 314.2 | 310.9 | 308.3 | 306.4 |
| 12.5° | 353.1 | 351.7 | 348.8 | 346.6 | 343.8 | 339.8 | 336.2 | 332.3 | 327.5 | 323.5 | 321.3 |
| 15° | 377.8 | 376.1 | 373.9 | 370.8 | 366.6 | 361.2 | 355.9 | 350.0 | 342.7 | 337.6 | 334.5 |
| 17.5° | 398.1 | 397.0 | 394.4 | 390.2 | 386.0 | 379.5 | 372.5 | 364.3 | 355.3 | 347.7 | 342.9 |
| 20° | 412.7 | 411.6 | 407.6 | 402.6 | 397.0 | 389.6 | 382.0 | 373.0 | 362.4 | 353.1 | 347.7 |
| 22.5° | 418.9 | 417.2 | 412.7 | 406.0 | 398.4 | 389.4 | 381.2 | 373.6 | 363.8 | 356.7 | 351.1 |
| 25° | 420.9 | 418.9 | 413.0 | 404.6 | 394.7 | 383.2 | 373.9 | 368.0 | 362.1 | 359.5 | 357.6 |
| 27.5° | 419.7 | 418.1 | 411.6 | 401.2 | 388.0 | 374.5 | 364.6 | 360.4 | 360.7 | 365.4 | 367.7 |
| 30° | 415.8 | 413.8 | 407.9 | 396.4 | 382.3 | 367.7 | 359.0 | 357.6 | 364.0 | 376.1 | 385.1 |
| 32.5° | 409.3 | 407.9 | 403.1 | 393.3 | 380.6 | 368.0 | 361.8 | 364.9 | 376.1 | 395.0 | 410.5 |
| 35° | 407.6 | 407.4 | 405.1 | 399.8 | 390.5 | 382.3 | 379.8 | 388.5 | 407.1 | 433.0 | 452.7 |
| 37.5° | 407.4 | 408.8 | 409.9 | 409.9 | 407.9 | 407.4 | 415.0 | 427.1 | 454.6 | 487.0 | 519.1 |
| 40° | 413.0 | 415.5 | 421.2 | 428.5 | 435.5 | 445.6 | 461.1 | 483.9 | 512.6 | 552.0 | 591.9 |
| 42.5° | 430.4 | 436.1 | 445.6 | 458.3 | 476.6 | 495.4 | 520.5 | 548.9 | 585.7 | 625.4 | 665.1 |
| 45° | 464.5 | 472.6 | 479.7 | 499.6 | 523.8 | 546.1 | 578.7 | 616.1 | 656.6 | 706.4 | 749.2 |
| 47.5° | 509.5 | 515.4 | 530.0 | 551.1 | 580.7 | 612.5 | 644.0 | 676.6 | 725.3 | 777.3 | 829.1 |
| 50° | 554.5 | 559.0 | 574.5 | 599.2 | 638.1 | 672.9 | 709.0 | 741.3 | 783.2 | 838.4 | 889.0 |
| 52.5° | 588.0 | 594.2 | 607.7 | 631.9 | 675.5 | 715.1 | 756.2 | 791.9 | 839.2 | 888.7 | 941.6 |
| 55° | 611.0 | 615.0 | 627.4 | 651.0 | 692.1 | 737.4 | 783.8 | 827.7 | 883.9 | 939.9 | 992.5 |
| 57.5° | 614.7 | 618.6 | 629.9 | 650.7 | 690.7 | 738.2 | 791.4 | 845.1 | 913.2 | 987.2 | 1056.1 |
| 60° | 610.5 | 613.6 | 623.4 | 640.6 | 678.3 | 730.3 | 793.6 | 861.2 | 945.0 | 1040.4 | 1138.8 |
| 62.5° | 591.6 | 594.7 | 603.7 | 617.8 | 651.3 | 707.5 | 786.9 | 884.8 | 990.3 | 1110.1 | 1254.5 |
| 65° | 556.2 | 558.2 | 566.6 | 577.9 | 611.6 | 668.7 | 756.2 | 880.0 | 1026.0 | 1189.2 | 1376.0 |
| 67° | 516.0 | 515.1 | 524.7 | 535.9 | 566.9 | 619.5 | 705.0 | 826.8 | 997.6 | 1195.4 | 1426.9 |
| 67.5° | 503.6 | 505.8 | 515.1 | 523.0 | 553.1 | 604.0 | 685.9 | 806.3 | 973.4 | 1181.3 | 1426.1 |
| 70° | 415.8 | 420.0 | 425.1 | 430.2 | 456.6 | 494.0 | 554.2 | 670.7 | 805.7 | 1002.7 | 1294.7 |
| 72.5° | 285.3 | 276.8 | 280.5 | 278.8 | 287.0 | 310.6 | 352.5 | 454.9 | 562.1 | 731.5 | 961.0 |
| 75° | 144.6 | 153.9 | 152.8 | 159.8 | 171.3 | 186.2 | 205.7 | 243.9 | 328.0 | 427.6 | 594.7 |
| 77.5° | 81.0 | 78.8 | 86.6 | 88.3 | 95.1 | 110.8 | 145.2 | 195.5 | 234.1 | 274.9 | 336.2 |
| 80° | 36.9 | 40.8 | 43.3 | 39.4 | 40.8 | 44.2 | 57.4 | 90.0 | 151.4 | 230.4 | 265.0 |
| 82.5° | 20.5 | 21.9 | 25.6 | 25.9 | 27.0 | 27.9 | 30.1 | 34.9 | 47.0 | 95.1 | 187.1 |
| 85° | 12.9 | 13.5 | 17.2 | 18.8 | 19.7 | 19.7 | 19.7 | 20.8 | 23.9 | 28.1 | 48.4 |
| 87.5° | 4.8 | 5.1 | 7.9 | 10.4 | 10.7 | 10.1 | 9.6 | 11.0 | 10.1 | 10.4 | 15.8 |
| 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: MEM-E01-LED-E-U-SL3-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 |
| 2.5° | 267.0 | 265.9 | 264.7 | 264.5 | 263.6 | 263.0 | 261.6 | 260.5 | 259.4 | 258.5 | 257.7 |
| 5° | 277.7 | 275.4 | 273.5 | 272.6 | 271.5 | 270.1 | 267.3 | 265.3 | 263.6 | 261.9 | 260.2 |
| 7.5° | 289.8 | 287.0 | 284.1 | 283.0 | 281.3 | 278.8 | 275.7 | 273.5 | 270.6 | 268.1 | 265.9 |
| 10° | 303.3 | 300.2 | 297.9 | 296.8 | 295.4 | 291.7 | 289.8 | 285.8 | 282.7 | 279.4 | 276.5 |
| 12.5° | 317.9 | 316.5 | 313.4 | 312.3 | 310.9 | 308.3 | 305.5 | 302.1 | 298.2 | 294.6 | 291.2 |
| 15° | 331.1 | 328.9 | 326.9 | 326.6 | 325.8 | 324.4 | 320.7 | 317.1 | 313.7 | 308.9 | 306.1 |
| 17.5° | 339.3 | 338.4 | 338.2 | 337.9 | 337.3 | 336.5 | 334.8 | 330.8 | 327.7 | 323.8 | 319.9 |
| 20° | 344.3 | 345.2 | 346.6 | 347.7 | 348.3 | 348.8 | 348.0 | 344.1 | 341.0 | 337.6 | 334.2 |
| 22.5° | 349.7 | 351.9 | 355.6 | 357.3 | 359.3 | 362.1 | 361.5 | 359.0 | 357.3 | 353.4 | 350.8 |
| 25° | 357.3 | 361.8 | 368.0 | 370.2 | 373.9 | 377.5 | 378.4 | 377.0 | 375.3 | 372.5 | 372.5 |
| 27.5° | 370.2 | 376.7 | 384.9 | 389.6 | 393.3 | 398.4 | 400.1 | 399.2 | 399.5 | 397.8 | 401.7 |
| 30° | 390.5 | 399.5 | 410.5 | 415.5 | 420.0 | 425.9 | 427.1 | 428.7 | 427.6 | 430.7 | 435.5 |
| 32.5° | 421.2 | 432.4 | 443.7 | 448.4 | 452.4 | 458.6 | 462.2 | 461.1 | 465.0 | 467.0 | 473.8 |
| 35° | 468.4 | 479.7 | 488.4 | 489.2 | 493.7 | 497.1 | 500.5 | 499.4 | 510.1 | 514.3 | 517.9 |
| 37.5° | 533.7 | 543.2 | 548.6 | 546.6 | 541.3 | 547.8 | 552.3 | 559.0 | 565.8 | 573.4 | 559.8 |
| 40° | 618.4 | 633.6 | 631.3 | 628.5 | 618.4 | 619.8 | 621.7 | 625.4 | 636.7 | 634.1 | 595.6 |
| 42.5° | 698.8 | 714.3 | 711.8 | 708.7 | 695.2 | 688.1 | 693.5 | 699.9 | 706.1 | 682.2 | 624.8 |
| 45° | 780.1 | 794.2 | 782.1 | 786.3 | 774.2 | 771.1 | 781.5 | 785.2 | 778.2 | 734.3 | 649.6 |
| 47.5° | 864.5 | 879.7 | 873.8 | 869.6 | 860.9 | 860.0 | 865.9 | 871.6 | 843.7 | 772.0 | 668.2 |
| 50° | 929.2 | 951.7 | 948.6 | 946.1 | 936.5 | 935.4 | 949.5 | 953.4 | 903.4 | 811.9 | 686.7 |
| 52.5° | 979.0 | 1008.3 | 1013.9 | 1010.5 | 1008.3 | 1008.9 | 1049.4 | 1043.5 | 974.2 | 860.3 | 708.4 |
| 55° | 1037.8 | 1068.2 | 1088.7 | 1093.0 | 1098.6 | 1106.8 | 1186.9 | 1178.2 | 1072.1 | 930.1 | 731.2 |
| 57.5° | 1115.8 | 1172.0 | 1203.0 | 1222.1 | 1237.6 | 1290.5 | 1392.3 | 1358.8 | 1207.8 | 1020.1 | 758.2 |
| 60° | 1230.5 | 1342.2 | 1406.4 | 1455.0 | 1485.7 | 1578.0 | 1701.5 | 1578.3 | 1365.3 | 1128.1 | 793.6 |
| 62.5° | 1414.8 | 1597.1 | 1719.8 | 1747.3 | 1760.3 | 1848.1 | 1936.4 | 1746.2 | 1479.0 | 1199.6 | 799.3 |
| 65° | 1593.5 | 1821.3 | 1964.5 | 1980.6 | 1971.0 | 1994.6 | 2019.4 | 1751.3 | 1452.5 | 1165.8 | 733.4 |
| 67° | 1656.5 | 1874.2 | 2024.7 | 2044.1 | 2016.0 | 2008.4 | 1970.7 | 1659.0 | 1353.8 | 1062.3 | 641.7 |
| 67.5° | 1653.1 | 1868.0 | 2024.2 | 2043.9 | 2016.0 | 2003.9 | 1948.5 | 1621.9 | 1314.9 | 1037.0 | 624.0 |
| 70° | 1523.7 | 1730.2 | 1904.0 | 1940.9 | 1925.4 | 1893.4 | 1745.9 | 1373.7 | 1089.6 | 850.7 | 481.1 |
| 72.5° | 1237.0 | 1460.1 | 1598.0 | 1638.7 | 1649.7 | 1567.3 | 1300.3 | 961.6 | 785.5 | 608.0 | 348.8 |
| 75° | 830.5 | 1052.2 | 1165.0 | 1144.5 | 1077.8 | 937.4 | 686.4 | 507.2 | 430.4 | 353.6 | 215.8 |
| 77.5° | 470.9 | 642.0 | 633.3 | 597.8 | 541.6 | 400.9 | 194.7 | 105.5 | 100.7 | 117.6 | 91.4 |
| 80° | 314.5 | 395.8 | 422.8 | 436.6 | 433.5 | 296.5 | 80.5 | 40.8 | 35.2 | 35.2 | 34.6 |
| 82.5° | 262.5 | 342.1 | 387.4 | 399.5 | 372.2 | 225.3 | 48.1 | 26.7 | 21.4 | 23.9 | 26.7 |
| 85° | 110.6 | 172.5 | 228.2 | 219.4 | 174.4 | 87.8 | 24.5 | 14.1 | 14.1 | 18.6 | 23.4 |
| 87.5° | 26.7 | 39.7 | 56.0 | 54.3 | 43.6 | 20.3 | 12.4 | 8.7 | 8.7 | 14.3 | 20.3 |
| 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: MEM-E01-LED-E-U-SL3-8030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 |
| 2.5° | 257.4 | 256.3 | 256.3 | 255.2 | 254.6 | 254.0 | 253.8 | 254.0 | 253.2 | 252.4 | 252.6 |
| 5° | 258.8 | 257.1 | 256.3 | 254.3 | 253.2 | 252.1 | 251.2 | 250.9 | 249.5 | 248.7 | 248.7 |
| 7.5° | 263.6 | 261.4 | 259.7 | 257.4 | 255.2 | 253.5 | 252.1 | 251.2 | 249.3 | 247.9 | 247.6 |
| 10° | 273.5 | 270.4 | 267.8 | 264.5 | 261.4 | 259.1 | 256.6 | 255.2 | 252.9 | 251.5 | 250.9 |
| 12.5° | 288.1 | 283.6 | 279.6 | 274.6 | 270.9 | 267.5 | 266.1 | 263.9 | 263.0 | 262.2 | 262.5 |
| 15° | 301.9 | 296.5 | 292.9 | 288.9 | 284.7 | 282.7 | 279.9 | 279.6 | 279.9 | 278.5 | 278.5 |
| 17.5° | 315.9 | 311.7 | 307.5 | 306.1 | 302.1 | 300.7 | 298.8 | 297.6 | 295.1 | 292.6 | 289.5 |
| 20° | 330.6 | 328.3 | 326.6 | 324.9 | 324.1 | 320.7 | 315.7 | 309.7 | 301.6 | 294.3 | 288.1 |
| 22.5° | 349.4 | 348.0 | 348.3 | 346.9 | 342.4 | 333.9 | 322.4 | 310.0 | 296.8 | 285.0 | 275.7 |
| 25° | 373.3 | 374.7 | 373.0 | 366.0 | 353.1 | 335.9 | 318.2 | 300.7 | 283.3 | 269.2 | 256.6 |
| 27.5° | 403.7 | 402.6 | 394.7 | 376.7 | 354.5 | 330.0 | 307.2 | 286.4 | 265.6 | 249.3 | 233.5 |
| 30° | 436.9 | 428.7 | 408.2 | 380.1 | 348.8 | 319.3 | 291.2 | 267.0 | 242.8 | 223.7 | 205.9 |
| 32.5° | 470.4 | 447.0 | 413.8 | 376.1 | 339.0 | 304.1 | 272.6 | 244.2 | 216.3 | 195.0 | 174.4 |
| 35° | 495.7 | 458.3 | 413.0 | 367.7 | 324.1 | 284.1 | 247.6 | 212.4 | 180.1 | 154.5 | 133.6 |
| 37.5° | 519.1 | 464.5 | 407.4 | 354.8 | 303.6 | 257.7 | 212.1 | 174.1 | 141.5 | 115.9 | 97.9 |
| 40° | 533.4 | 463.9 | 396.4 | 333.4 | 275.1 | 218.9 | 169.4 | 130.3 | 101.6 | 82.7 | 72.9 |
| 42.5° | 541.8 | 458.0 | 377.5 | 305.0 | 236.0 | 175.3 | 124.9 | 89.7 | 72.3 | 64.1 | 59.6 |
| 45° | 546.1 | 445.3 | 354.2 | 267.0 | 188.8 | 125.2 | 86.1 | 64.7 | 57.7 | 55.4 | 54.3 |
| 47.5° | 543.5 | 427.6 | 320.7 | 224.2 | 140.7 | 85.8 | 61.6 | 54.6 | 52.3 | 51.2 | 50.9 |
| 50° | 537.6 | 404.6 | 285.6 | 177.8 | 99.9 | 61.6 | 51.8 | 49.8 | 49.0 | 48.7 | 48.1 |
| 52.5° | 529.2 | 377.3 | 245.3 | 137.9 | 70.9 | 51.2 | 48.4 | 47.5 | 47.0 | 46.1 | 45.9 |
| 55° | 515.1 | 343.5 | 204.2 | 101.6 | 56.8 | 48.4 | 47.0 | 46.7 | 45.6 | 44.7 | 44.2 |
| 57.5° | 498.2 | 307.5 | 165.4 | 79.6 | 52.3 | 47.3 | 46.4 | 46.1 | 45.0 | 43.9 | 42.8 |
| 60° | 489.8 | 282.2 | 136.2 | 68.9 | 51.5 | 47.8 | 47.3 | 46.7 | 45.3 | 43.6 | 42.2 |
| 62.5° | 469.0 | 254.9 | 117.3 | 65.5 | 52.6 | 49.8 | 49.5 | 48.4 | 46.4 | 44.7 | 42.5 |
| 65° | 415.2 | 216.3 | 99.9 | 62.2 | 54.3 | 52.9 | 53.5 | 52.0 | 49.8 | 47.0 | 43.3 |
| 67° | 350.8 | 175.8 | 84.4 | 59.6 | 56.3 | 57.1 | 58.0 | 57.1 | 53.5 | 49.2 | 44.5 |
| 67.5° | 333.4 | 163.7 | 80.2 | 58.8 | 56.8 | 58.0 | 59.4 | 58.5 | 54.6 | 49.8 | 45.0 |
| 70° | 250.7 | 117.3 | 63.6 | 55.7 | 58.8 | 61.9 | 64.7 | 64.4 | 60.5 | 54.6 | 47.0 |
| 72.5° | 173.3 | 80.2 | 51.5 | 52.0 | 57.1 | 62.7 | 66.4 | 68.1 | 64.1 | 57.1 | 48.1 |
| 75° | 104.4 | 51.2 | 43.3 | 47.0 | 52.0 | 57.7 | 63.6 | 64.1 | 59.6 | 52.6 | 45.0 |
| 77.5° | 51.2 | 36.9 | 35.7 | 37.1 | 41.9 | 46.7 | 49.2 | 46.1 | 43.3 | 38.5 | 35.7 |
| 80° | 30.9 | 29.0 | 28.4 | 31.5 | 34.3 | 33.5 | 31.5 | 29.0 | 27.6 | 26.4 | 25.3 |
| 82.5° | 25.9 | 26.2 | 26.7 | 27.3 | 26.7 | 23.6 | 20.3 | 18.6 | 17.4 | 17.4 | 17.7 |
| 85° | 26.4 | 27.0 | 24.8 | 22.8 | 20.3 | 16.9 | 13.8 | 11.8 | 12.1 | 12.4 | 12.4 |
| 87.5° | 20.5 | 19.7 | 17.4 | 14.3 | 11.5 | 8.4 | 6.8 | 5.6 | 6.2 | 5.9 | 6.5 |
| 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):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 259.1 | 259.1 | 259.1 | 259.1 | 259.1 |
| 2.5° | 252.6 | 252.4 | 252.6 | 252.6 | 252.9 |
| 5° | 248.1 | 247.6 | 247.6 | 247.9 | 247.9 |
| 7.5° | 247.0 | 246.4 | 246.4 | 246.7 | 246.4 |
| 10° | 250.9 | 250.7 | 251.2 | 250.9 | 250.9 |
| 12.5° | 262.8 | 262.8 | 263.9 | 264.5 | 263.9 |
| 15° | 278.8 | 278.2 | 279.1 | 279.4 | 279.6 |
| 17.5° | 287.8 | 285.3 | 284.4 | 285.0 | 283.9 |
| 20° | 282.7 | 278.5 | 276.8 | 276.5 | 274.6 |
| 22.5° | 268.4 | 262.2 | 259.7 | 258.5 | 256.3 |
| 25° | 248.1 | 240.8 | 237.4 | 234.6 | 233.2 |
| 27.5° | 223.9 | 214.9 | 210.2 | 207.9 | 207.1 |
| 30° | 193.6 | 184.8 | 177.8 | 174.1 | 173.0 |
| 32.5° | 159.8 | 147.1 | 139.8 | 135.3 | 132.2 |
| 35° | 119.3 | 107.2 | 101.8 | 98.5 | 94.5 |
| 37.5° | 86.6 | 79.3 | 74.8 | 72.6 | 71.7 |
| 40° | 67.0 | 63.3 | 61.0 | 60.8 | 60.5 |
| 42.5° | 58.0 | 56.3 | 56.0 | 55.4 | 54.9 |
| 45° | 53.5 | 52.9 | 53.2 | 52.3 | 51.8 |
| 47.5° | 50.4 | 50.1 | 50.1 | 49.5 | 49.2 |
| 50° | 47.8 | 47.8 | 47.5 | 47.3 | 47.3 |
| 52.5° | 45.6 | 45.9 | 45.9 | 45.3 | 45.3 |
| 55° | 43.6 | 43.6 | 43.9 | 43.6 | 43.6 |
| 57.5° | 42.2 | 41.9 | 42.2 | 42.2 | 42.2 |
| 60° | 41.4 | 40.8 | 40.5 | 40.8 | 40.8 |
| 62.5° | 40.5 | 39.7 | 39.4 | 39.4 | 39.7 |
| 65° | 40.5 | 39.1 | 38.5 | 38.5 | 38.3 |
| 67° | 40.8 | 38.5 | 37.4 | 36.9 | 36.6 |
| 67.5° | 40.8 | 38.3 | 36.9 | 36.6 | 36.3 |
| 70° | 40.8 | 37.1 | 35.2 | 33.8 | 33.8 |
| 72.5° | 40.5 | 36.0 | 32.9 | 31.5 | 30.9 |
| 75° | 38.5 | 34.0 | 31.2 | 29.5 | 29.0 |
| 77.5° | 32.4 | 29.5 | 28.1 | 26.7 | 26.4 |
| 80° | 24.5 | 23.1 | 21.9 | 18.8 | 17.4 |
| 82.5° | 17.4 | 16.6 | 14.6 | 13.5 | 12.7 |
| 85° | 12.4 | 11.5 | 10.7 | 9.6 | 9.6 |
| 87.5° | 6.8 | 6.5 | 6.2 | 5.6 | 5.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)