

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P937063

Luminaire Tested: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P937063
REPORT IS A COMBINATION OF REPORTS P933509 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

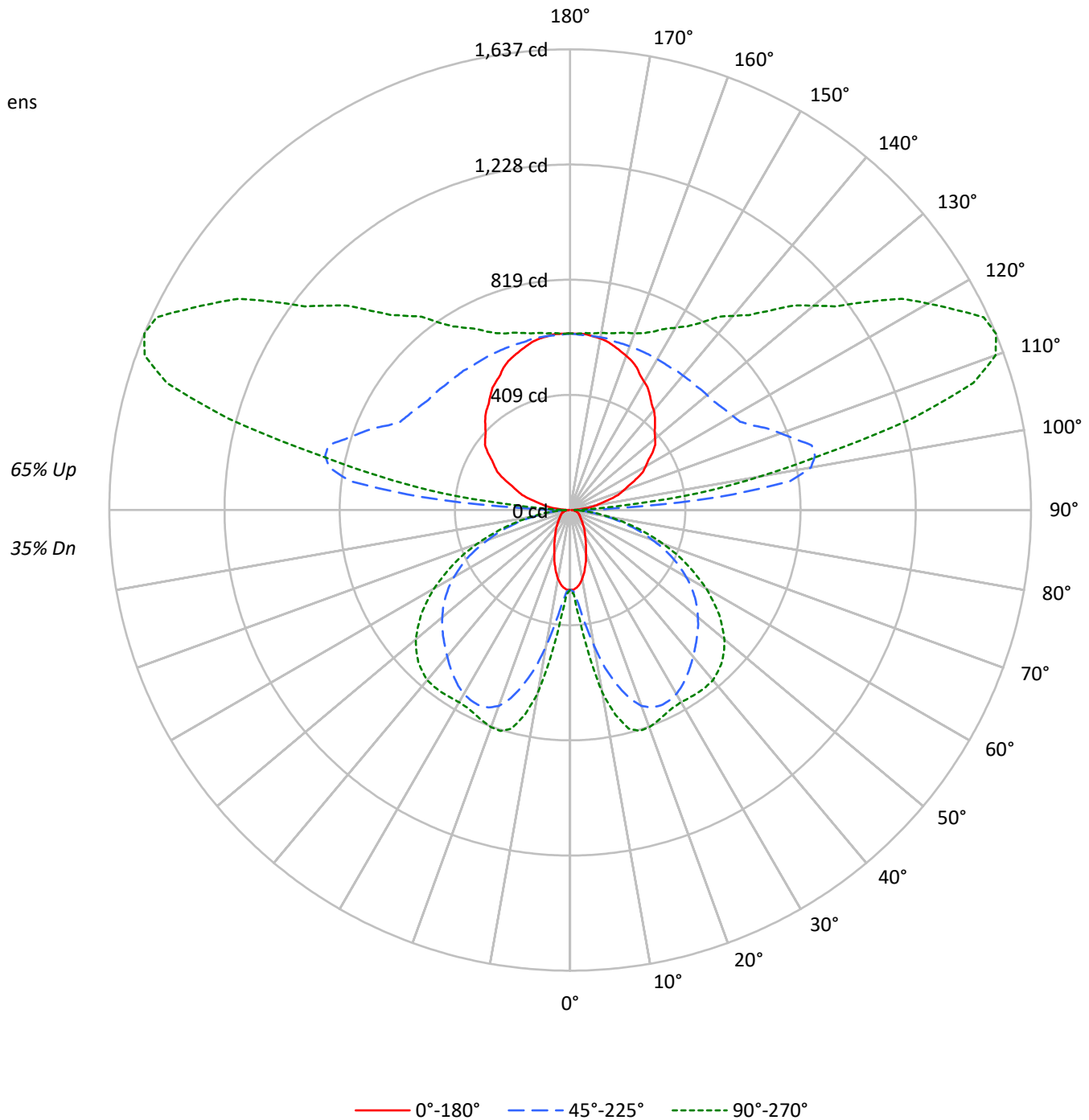
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6258.3 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 51.6
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: 24 FT

TEST NUMBER: P937063
CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P937063

CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 42 | 42 | 42 | 35 | | | 35 |
| 1 | 94 | 90 | 86 | 82 | 85 | 81 | 78 | 75 | 65 | 63 | 61 | 50 | 49 | 47 | 37 | 36 | 35 | 29 | | | 29 |
| 2 | 85 | 78 | 72 | 66 | 77 | 70 | 65 | 61 | 57 | 53 | 50 | 44 | 41 | 39 | 32 | 30 | 29 | 23 | | | 23 |
| 3 | 77 | 68 | 61 | 55 | 70 | 62 | 55 | 50 | 49 | 45 | 41 | 38 | 35 | 32 | 28 | 26 | 24 | 19 | | | 19 |
| 4 | 71 | 60 | 52 | 46 | 63 | 54 | 47 | 42 | 44 | 39 | 35 | 34 | 30 | 27 | 25 | 22 | 20 | 16 | | | 16 |
| 5 | 65 | 53 | 45 | 39 | 58 | 48 | 41 | 36 | 39 | 33 | 29 | 30 | 26 | 23 | 22 | 19 | 17 | 14 | | | 14 |
| 6 | 59 | 47 | 39 | 33 | 53 | 43 | 36 | 31 | 35 | 29 | 25 | 27 | 23 | 20 | 20 | 17 | 15 | 12 | | | 12 |
| 7 | 55 | 42 | 34 | 29 | 49 | 38 | 31 | 26 | 31 | 26 | 22 | 24 | 20 | 17 | 18 | 15 | 13 | 10 | | | 10 |
| 8 | 50 | 38 | 30 | 25 | 45 | 35 | 28 | 23 | 28 | 23 | 19 | 22 | 18 | 15 | 16 | 14 | 12 | 9 | | | 9 |
| 9 | 47 | 35 | 27 | 22 | 42 | 32 | 25 | 20 | 26 | 21 | 17 | 20 | 16 | 14 | 15 | 12 | 10 | 8 | | | 8 |
| 10 | 44 | 32 | 24 | 20 | 39 | 29 | 22 | 18 | 23 | 18 | 15 | 18 | 15 | 12 | 14 | 11 | 9 | 7 | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 1751 | 1751 | 1751 |
| 5° | 1711 | 2024 | 2355 |
| 10° | 1551 | 2950 | 3903 |
| 15° | 1317 | 3853 | 4714 |
| 20° | 1072 | 4464 | 4804 |
| 25° | 895 | 4670 | 4706 |
| 30° | 753 | 4698 | 4697 |
| 35° | 666 | 4619 | 4818 |
| 40° | 581 | 4516 | 4944 |
| 45° | 525 | 4440 | 4964 |
| 50° | 481 | 4372 | 4881 |
| 55° | 460 | 4273 | 4665 |
| 60° | 471 | 4084 | 4323 |
| 65° | 489 | 3796 | 3853 |
| 70° | 521 | 3309 | 3256 |
| 75° | 574 | 2695 | 2541 |
| 80° | 622 | 1867 | 1712 |
| 85° | 543 | 990 | 876 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 4964 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 36.6 | 0.6 |
| 10°-20° | 162.3 | 2.6 |
| 20°-30° | 283.9 | 4.5 |
| 30°-40° | 365.5 | 5.8 |
| 40°-50° | 408.3 | 6.5 |
| 50°-60° | 391.0 | 6.2 |
| 60°-70° | 309.9 | 5.0 |
| 70°-80° | 182.2 | 2.9 |
| 80°-90° | 53.0 | 0.8 |
| 90°-100° | 305.7 | 4.9 |
| 100°-110° | 803.7 | 12.8 |
| 110°-120° | 833.3 | 13.3 |
| 120°-130° | 668.4 | 10.7 |
| 130°-140° | 524.5 | 8.4 |
| 140°-150° | 402.6 | 6.4 |
| 150°-160° | 289.9 | 4.6 |
| 160°-170° | 177.4 | 2.8 |
| 170°-180° | 59.9 | 1.0 |
| 0°-30° | 482.9 | 7.7 |
| 0°-40° | 848.4 | 13.6 |
| 0°-60° | 1647.7 | 26.3 |
| 0°-90° | 2192.9 | 35.0 |
| 90°-120° | 1942.7 | 31.0 |
| 90°-150° | 3538.2 | 56.5 |
| 90°-180° | 4065.0 | 65.0 |
| 0°-180° | 6258.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 283 | 283 | 283 | 283 | 283 | |
| 5° | 276 | 296 | 333 | 377 | 391 | 25 |
| 15° | 207 | 382 | 643 | 779 | 804 | 58 |
| 25° | 132 | 432 | 766 | 799 | 800 | 61 |
| 35° | 89 | 413 | 721 | 762 | 792 | 56 |
| 45° | 61 | 330 | 637 | 730 | 763 | 47 |
| 55° | 44 | 209 | 541 | 628 | 646 | 40 |
| 65° | 35 | 111 | 402 | 452 | 458 | 34 |
| 75° | 26 | 68 | 220 | 242 | 243 | 27 |
| 85° | 9 | 21 | 55 | 60 | 61 | 10 |
| 90° | 4 | 12 | 32 | 16 | 16 | 4 |
| 95° | 40 | 158 | 526 | 272 | 185 | 45 |
| 105° | 145 | 219 | 888 | 1349 | 1258 | 154 |
| 115° | 257 | 312 | 712 | 1420 | 1620 | 254 |
| 125° | 358 | 401 | 647 | 1094 | 1290 | 318 |
| 135° | 426 | 469 | 627 | 883 | 1001 | 330 |
| 145° | 495 | 526 | 619 | 753 | 812 | 310 |
| 155° | 559 | 574 | 619 | 680 | 700 | 257 |
| 165° | 603 | 611 | 619 | 644 | 652 | 170 |
| 175° | 627 | 627 | 623 | 631 | 631 | 60 |
| 180° | 627 | 627 | 627 | 627 | 627 | |



TEST NUMBER: P937063

CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 | 283.1 |
| 2.5° | 283.1 | 283.1 | 284.9 | 285.8 | 287.8 | 288.7 | 290.5 | 292.3 | 297.7 | 298.6 | 300.4 |
| 5° | 275.9 | 279.5 | 291.4 | 295.9 | 308.7 | 325.9 | 333.2 | 345.0 | 369.7 | 376.9 | 381.5 |
| 7.5° | 264.9 | 273.2 | 302.2 | 309.6 | 341.4 | 387.0 | 406.1 | 431.6 | 470.7 | 489.9 | 505.4 |
| 10° | 247.7 | 264.9 | 316.8 | 334.2 | 386.1 | 455.2 | 490.8 | 526.3 | 585.5 | 611.8 | 621.8 |
| 12.5° | 228.6 | 256.8 | 332.3 | 356.0 | 430.7 | 531.7 | 574.5 | 613.7 | 681.0 | 716.5 | 722.0 |
| 15° | 206.6 | 244.9 | 346.9 | 381.5 | 478.0 | 595.4 | 642.8 | 691.1 | 753.9 | 779.3 | 785.8 |
| 17.5° | 187.5 | 235.8 | 360.5 | 397.0 | 514.4 | 652.8 | 701.0 | 741.1 | 792.1 | 809.4 | 813.9 |
| 20° | 163.9 | 221.2 | 369.7 | 417.0 | 552.7 | 694.7 | 741.1 | 772.1 | 806.7 | 817.6 | 819.4 |
| 22.5° | 146.5 | 205.7 | 375.1 | 424.2 | 578.1 | 720.1 | 759.3 | 783.9 | 807.6 | 811.2 | 812.1 |
| 25° | 132.1 | 188.5 | 374.2 | 432.5 | 600.0 | 735.6 | 765.7 | 783.9 | 797.5 | 799.3 | 799.3 |
| 27.5° | 118.4 | 169.4 | 370.6 | 434.3 | 616.4 | 739.3 | 763.0 | 775.7 | 782.1 | 785.8 | 785.8 |
| 30° | 106.5 | 151.2 | 361.4 | 430.7 | 623.7 | 735.6 | 754.8 | 761.1 | 767.5 | 773.0 | 775.7 |
| 32.5° | 97.4 | 133.9 | 347.8 | 423.3 | 624.6 | 726.6 | 740.2 | 743.9 | 752.9 | 765.7 | 770.3 |
| 35° | 89.2 | 116.6 | 332.3 | 413.4 | 619.1 | 712.0 | 721.1 | 724.8 | 743.0 | 762.1 | 768.4 |
| 37.5° | 81.0 | 103.8 | 312.3 | 396.1 | 610.9 | 694.7 | 701.0 | 707.5 | 735.6 | 758.4 | 765.7 |
| 40° | 72.9 | 92.9 | 288.7 | 376.9 | 598.2 | 673.7 | 679.2 | 689.2 | 726.6 | 752.9 | 760.2 |
| 42.5° | 66.4 | 83.7 | 263.1 | 356.9 | 581.7 | 650.1 | 658.2 | 672.8 | 715.6 | 743.9 | 752.0 |
| 45° | 61.0 | 74.7 | 235.8 | 329.6 | 560.8 | 625.5 | 637.3 | 657.3 | 702.9 | 730.2 | 737.4 |
| 47.5° | 55.6 | 68.2 | 207.6 | 301.3 | 538.1 | 600.9 | 616.4 | 639.1 | 685.6 | 712.0 | 718.3 |
| 50° | 51.0 | 61.9 | 179.4 | 271.3 | 513.5 | 574.5 | 592.7 | 616.4 | 663.8 | 688.3 | 696.5 |
| 52.5° | 47.3 | 56.5 | 153.0 | 241.3 | 485.3 | 547.2 | 568.2 | 592.7 | 637.3 | 661.0 | 666.5 |
| 55° | 43.7 | 51.9 | 130.2 | 209.4 | 456.1 | 518.0 | 540.8 | 564.5 | 608.2 | 628.2 | 631.9 |
| 57.5° | 41.9 | 48.2 | 111.1 | 179.4 | 425.2 | 485.3 | 510.8 | 532.6 | 573.6 | 589.1 | 592.7 |
| 60° | 39.2 | 45.5 | 96.5 | 153.9 | 391.5 | 454.3 | 476.2 | 498.0 | 532.6 | 545.4 | 548.1 |
| 62.5° | 36.4 | 43.7 | 85.6 | 129.3 | 356.9 | 417.9 | 439.7 | 459.8 | 488.9 | 498.0 | 501.6 |
| 65° | 34.6 | 41.9 | 77.4 | 111.1 | 321.4 | 379.6 | 401.5 | 418.8 | 442.4 | 451.6 | 453.4 |
| 67.5° | 32.8 | 40.1 | 71.1 | 95.6 | 285.8 | 341.4 | 357.8 | 374.2 | 392.4 | 401.5 | 402.4 |
| 70° | 30.1 | 38.2 | 65.5 | 84.6 | 249.5 | 297.7 | 311.4 | 328.7 | 343.2 | 347.8 | 350.6 |
| 72.5° | 28.2 | 35.5 | 61.9 | 76.5 | 212.2 | 255.8 | 268.6 | 278.6 | 291.4 | 295.9 | 295.9 |
| 75° | 25.5 | 31.9 | 58.3 | 68.2 | 173.9 | 209.4 | 220.3 | 230.4 | 240.3 | 242.2 | 239.4 |
| 77.5° | 22.7 | 28.2 | 50.1 | 57.4 | 135.7 | 165.7 | 174.8 | 180.3 | 188.5 | 190.3 | 191.2 |
| 80° | 19.1 | 24.6 | 39.2 | 44.6 | 98.3 | 122.0 | 128.4 | 133.0 | 140.2 | 140.2 | 142.0 |
| 82.5° | 14.6 | 19.1 | 28.2 | 31.9 | 66.4 | 83.7 | 89.2 | 92.0 | 96.5 | 96.5 | 96.5 |
| 85° | 9.1 | 11.9 | 18.2 | 20.9 | 40.1 | 51.0 | 54.7 | 55.6 | 59.2 | 60.1 | 60.1 |
| 87.5° | 4.5 | 6.3 | 11.9 | 12.8 | 20.9 | 26.4 | 26.4 | 28.2 | 28.2 | 27.3 | 26.4 |
| 90° | 4.2 | 7.5 | 11.0 | 11.8 | 18.5 | 27.4 | 32.0 | 28.4 | 21.4 | 16.0 | 16.0 |
| 92.5° | 16.8 | 45.4 | 74.0 | 81.2 | 114.1 | 158.1 | 180.1 | 157.9 | 113.3 | 79.9 | 76.8 |
| 95° | 40.4 | 92.8 | 145.1 | 158.2 | 281.0 | 444.7 | 526.5 | 469.9 | 356.5 | 271.5 | 261.9 |
| 97.5° | 69.9 | 116.0 | 162.2 | 173.8 | 378.5 | 651.4 | 787.9 | 752.1 | 680.5 | 626.7 | 608.4 |
| 100° | 92.6 | 134.5 | 176.4 | 186.9 | 414.0 | 716.9 | 868.3 | 870.9 | 876.2 | 880.1 | 858.3 |
| 102.5° | 112.0 | 151.1 | 190.2 | 200.0 | 430.3 | 737.4 | 891.0 | 936.7 | 1028.0 | 1096.4 | 1077.7 |
| 105° | 144.8 | 178.0 | 211.1 | 219.3 | 442.4 | 739.8 | 888.5 | 990.8 | 1195.4 | 1349.0 | 1338.9 |
| 107.5° | 178.5 | 209.4 | 240.2 | 247.9 | 444.6 | 706.8 | 838.0 | 980.7 | 1266.2 | 1480.3 | 1482.7 |
| 110° | 201.2 | 229.1 | 256.9 | 263.9 | 441.2 | 677.7 | 795.9 | 955.5 | 1274.6 | 1514.0 | 1524.5 |



TEST NUMBER: P937063

CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 223.5 | 250.0 | 276.6 | 283.2 | 441.4 | 652.2 | 757.6 | 920.9 | 1247.5 | 1492.4 | 1508.5 |
| 115° | 257.2 | 281.7 | 306.1 | 312.3 | 445.4 | 622.9 | 711.7 | 869.0 | 1183.7 | 1419.7 | 1441.9 |
| 117.5° | 290.4 | 312.6 | 334.9 | 340.5 | 453.8 | 604.6 | 680.1 | 822.2 | 1106.1 | 1319.1 | 1343.8 |
| 120° | 309.7 | 330.7 | 351.7 | 356.9 | 460.5 | 598.5 | 667.6 | 797.3 | 1056.7 | 1251.3 | 1275.4 |
| 122.5° | 328.8 | 349.8 | 371.0 | 376.3 | 470.1 | 595.3 | 657.9 | 774.6 | 1008.3 | 1183.5 | 1207.2 |
| 125° | 357.7 | 377.0 | 396.3 | 401.1 | 483.2 | 592.6 | 647.4 | 746.6 | 945.1 | 1093.9 | 1115.7 |
| 127.5° | 381.3 | 400.8 | 420.2 | 425.1 | 496.2 | 591.1 | 638.5 | 723.7 | 894.1 | 1021.9 | 1040.4 |
| 130° | 393.9 | 414.9 | 435.8 | 441.1 | 505.8 | 592.1 | 635.2 | 711.0 | 862.7 | 976.5 | 993.5 |
| 132.5° | 407.0 | 428.0 | 448.9 | 454.1 | 513.5 | 592.6 | 632.2 | 700.1 | 835.9 | 937.7 | 953.0 |
| 135° | 426.3 | 445.4 | 464.5 | 469.3 | 521.9 | 592.1 | 627.1 | 683.9 | 797.7 | 883.0 | 896.1 |
| 137.5° | 446.2 | 465.0 | 483.9 | 488.6 | 534.5 | 595.7 | 626.3 | 674.3 | 770.5 | 842.6 | 853.4 |
| 140° | 462.5 | 479.9 | 497.4 | 501.7 | 542.3 | 596.3 | 623.3 | 664.8 | 747.9 | 810.2 | 820.3 |
| 142.5° | 475.2 | 491.3 | 507.4 | 511.4 | 548.7 | 598.4 | 623.3 | 659.8 | 732.7 | 787.5 | 796.2 |
| 145° | 494.6 | 508.6 | 522.5 | 526.1 | 557.1 | 598.5 | 619.1 | 649.0 | 708.7 | 753.4 | 759.9 |
| 147.5° | 513.9 | 527.5 | 541.2 | 544.6 | 569.4 | 602.6 | 619.1 | 642.6 | 689.6 | 724.8 | 730.2 |
| 150° | 526.5 | 538.8 | 551.2 | 554.3 | 576.0 | 604.7 | 619.1 | 639.0 | 678.6 | 708.4 | 712.8 |
| 152.5° | 539.6 | 549.0 | 558.3 | 560.7 | 580.1 | 606.1 | 619.1 | 636.1 | 669.9 | 695.3 | 698.7 |
| 155° | 558.9 | 565.8 | 572.8 | 574.5 | 589.4 | 609.2 | 619.1 | 632.6 | 659.6 | 679.8 | 681.9 |
| 157.5° | 573.2 | 580.0 | 586.7 | 588.4 | 598.7 | 612.3 | 619.1 | 629.6 | 650.5 | 666.3 | 667.8 |
| 160° | 582.9 | 588.2 | 593.4 | 594.7 | 602.8 | 613.7 | 619.1 | 628.1 | 646.0 | 659.5 | 660.4 |
| 162.5° | 592.6 | 596.6 | 600.5 | 601.5 | 607.4 | 615.2 | 619.1 | 626.7 | 641.8 | 653.3 | 654.1 |
| 165° | 603.1 | 606.7 | 610.3 | 611.2 | 613.8 | 617.3 | 619.1 | 624.6 | 635.4 | 643.6 | 644.5 |
| 167.5° | 612.8 | 614.5 | 616.1 | 616.6 | 618.9 | 621.8 | 623.3 | 626.8 | 634.0 | 639.3 | 639.7 |
| 170° | 619.1 | 620.8 | 622.5 | 622.9 | 623.0 | 623.2 | 623.3 | 626.8 | 634.0 | 639.3 | 639.3 |
| 172.5° | 622.5 | 622.8 | 623.2 | 623.3 | 623.3 | 623.3 | 623.3 | 626.1 | 631.7 | 636.0 | 635.6 |
| 175° | 627.1 | 627.1 | 627.1 | 627.1 | 625.8 | 624.1 | 623.3 | 625.1 | 628.6 | 631.3 | 631.3 |
| 177.5° | 627.1 | 627.1 | 627.1 | 627.1 | 626.1 | 624.8 | 624.2 | 625.6 | 628.5 | 630.5 | 630.2 |
| 180° | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 | 627.1 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 283.1 | 283.1 |
| 2.5° | 302.2 | 300.4 |
| 5° | 388.8 | 390.6 |
| 7.5° | 523.5 | 522.6 |
| 10° | 651.0 | 659.1 |
| 12.5° | 743.9 | 745.7 |
| 15° | 800.3 | 804.0 |
| 17.5° | 822.2 | 823.1 |
| 20° | 823.1 | 821.3 |
| 22.5° | 813.0 | 811.2 |
| 25° | 801.2 | 800.3 |
| 27.5° | 790.3 | 791.2 |
| 30° | 785.8 | 788.5 |
| 32.5° | 785.8 | 790.3 |
| 35° | 787.6 | 792.1 |
| 37.5° | 786.7 | 792.1 |
| 40° | 783.0 | 789.4 |
| 42.5° | 773.0 | 777.5 |
| 45° | 757.5 | 763.0 |
| 47.5° | 737.4 | 741.1 |
| 50° | 712.0 | 715.6 |
| 52.5° | 680.1 | 681.0 |
| 55° | 641.8 | 645.6 |
| 57.5° | 600.9 | 601.8 |
| 60° | 555.4 | 558.1 |
| 62.5° | 507.2 | 507.2 |
| 65° | 456.1 | 457.9 |
| 67.5° | 403.3 | 407.9 |
| 70° | 349.7 | 350.6 |
| 72.5° | 296.8 | 296.8 |
| 75° | 242.2 | 243.1 |
| 77.5° | 190.3 | 190.3 |
| 80° | 141.1 | 142.0 |
| 82.5° | 97.4 | 99.2 |
| 85° | 61.0 | 61.0 |
| 87.5° | 28.2 | 25.5 |
| 90° | 16.0 | 16.0 |
| 92.5° | 64.0 | 51.3 |
| 95° | 223.3 | 184.7 |
| 97.5° | 535.0 | 461.7 |
| 100° | 770.8 | 683.5 |
| 102.5° | 1002.9 | 928.1 |
| 105° | 1298.6 | 1258.4 |
| 107.5° | 1492.4 | 1502.1 |
| 110° | 1566.3 | 1608.2 |



TEST NUMBER: P937063

CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 112.5° | 1572.9 | 1637.3 |
| 115° | 1531.2 | 1620.4 |
| 117.5° | 1442.7 | 1541.7 |
| 120° | 1371.5 | 1467.6 |
| 122.5° | 1302.1 | 1396.9 |
| 125° | 1203.1 | 1290.5 |
| 127.5° | 1114.1 | 1187.8 |
| 130° | 1061.6 | 1129.6 |
| 132.5° | 1014.0 | 1075.0 |
| 135° | 948.7 | 1001.3 |
| 137.5° | 896.4 | 939.5 |
| 140° | 860.5 | 900.7 |
| 142.5° | 830.8 | 865.3 |
| 145° | 786.1 | 812.3 |
| 147.5° | 751.8 | 773.6 |
| 150° | 730.4 | 747.9 |
| 152.5° | 711.9 | 725.2 |
| 155° | 690.7 | 699.5 |
| 157.5° | 674.0 | 680.1 |
| 160° | 663.9 | 667.6 |
| 162.5° | 657.4 | 660.8 |
| 165° | 648.0 | 651.5 |
| 167.5° | 641.2 | 642.7 |
| 170° | 639.3 | 639.3 |
| 172.5° | 634.3 | 633.0 |
| 175° | 631.3 | 631.3 |
| 177.5° | 628.6 | 627.1 |
| 180° | 627.1 | 627.1 |



TEST NUMBER: P937063

CATALOG NUMBER: SQ4-FB-075U-050D-93050-1D-UNV-STD-W-6-4000K

CIE UGR TABLE:

| Reflectances: | | | | | | | | | | | |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H | Y=2H | 1.40 | 2.16 | 2.47 | 3.24 | 4.71 | 14.56 | 15.33 | 15.63 | 16.40 | 17.87 |
| | 3H | 2.10 | 2.78 | 3.17 | 3.87 | 5.35 | 16.39 | 17.08 | 17.47 | 18.16 | 19.65 |
| | 4H | 2.39 | 3.04 | 3.48 | 4.13 | 5.62 | 17.03 | 17.68 | 18.12 | 18.76 | 20.26 |
| | 6H | 2.64 | 3.24 | 3.73 | 4.32 | 5.83 | 17.45 | 18.05 | 18.55 | 19.14 | 20.64 |
| | 8H | 2.70 | 3.27 | 3.80 | 4.38 | 5.88 | 17.56 | 18.14 | 18.67 | 19.24 | 20.74 |
| | 12H | 2.71 | 3.26 | 3.82 | 4.36 | 5.88 | 17.63 | 18.17 | 18.73 | 19.27 | 20.79 |
| 4H | 2H | 8.59 | 9.24 | 9.69 | 10.33 | 11.82 | 14.82 | 15.48 | 15.92 | 16.56 | 18.05 |
| | 3H | 10.15 | 10.70 | 11.26 | 11.81 | 13.31 | 16.86 | 17.40 | 17.96 | 18.51 | 20.02 |
| | 4H | 10.24 | 10.74 | 11.35 | 11.85 | 13.37 | 17.62 | 18.12 | 18.72 | 19.22 | 20.74 |
| | 6H | 10.25 | 10.68 | 11.36 | 11.80 | 13.32 | 18.15 | 18.58 | 19.26 | 19.70 | 21.22 |
| | 8H | 10.22 | 10.62 | 11.34 | 11.74 | 13.28 | 18.30 | 18.70 | 19.42 | 19.82 | 21.36 |
| | 12H | 10.17 | 10.54 | 11.31 | 11.67 | 13.21 | 18.39 | 18.75 | 19.52 | 19.88 | 21.42 |
| 8H | 4H | 11.68 | 12.08 | 12.79 | 13.20 | 14.73 | 17.67 | 18.07 | 18.78 | 19.19 | 20.72 |
| | 6H | 11.91 | 12.25 | 13.05 | 13.41 | 14.94 | 18.29 | 18.62 | 19.43 | 19.78 | 21.31 |
| | 8H | 11.93 | 12.22 | 13.07 | 13.36 | 14.91 | 18.50 | 18.80 | 19.65 | 19.94 | 21.49 |
| | 12H | 11.89 | 12.15 | 13.04 | 13.29 | 14.87 | 18.64 | 18.90 | 19.79 | 20.03 | 21.62 |
| 12H | 4H | 11.81 | 12.18 | 12.95 | 13.31 | 14.85 | 17.62 | 17.98 | 18.75 | 19.11 | 20.65 |
| | 6H | 12.17 | 12.46 | 13.31 | 13.60 | 15.15 | 18.27 | 18.56 | 19.41 | 19.70 | 21.25 |
| | 8H | 12.23 | 12.49 | 13.38 | 13.63 | 15.21 | 18.49 | 18.75 | 19.64 | 19.89 | 21.47 |