

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: P936732

Luminaire Tested: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936732
REPORT IS A COMBINATION OF REPORTS P933470 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

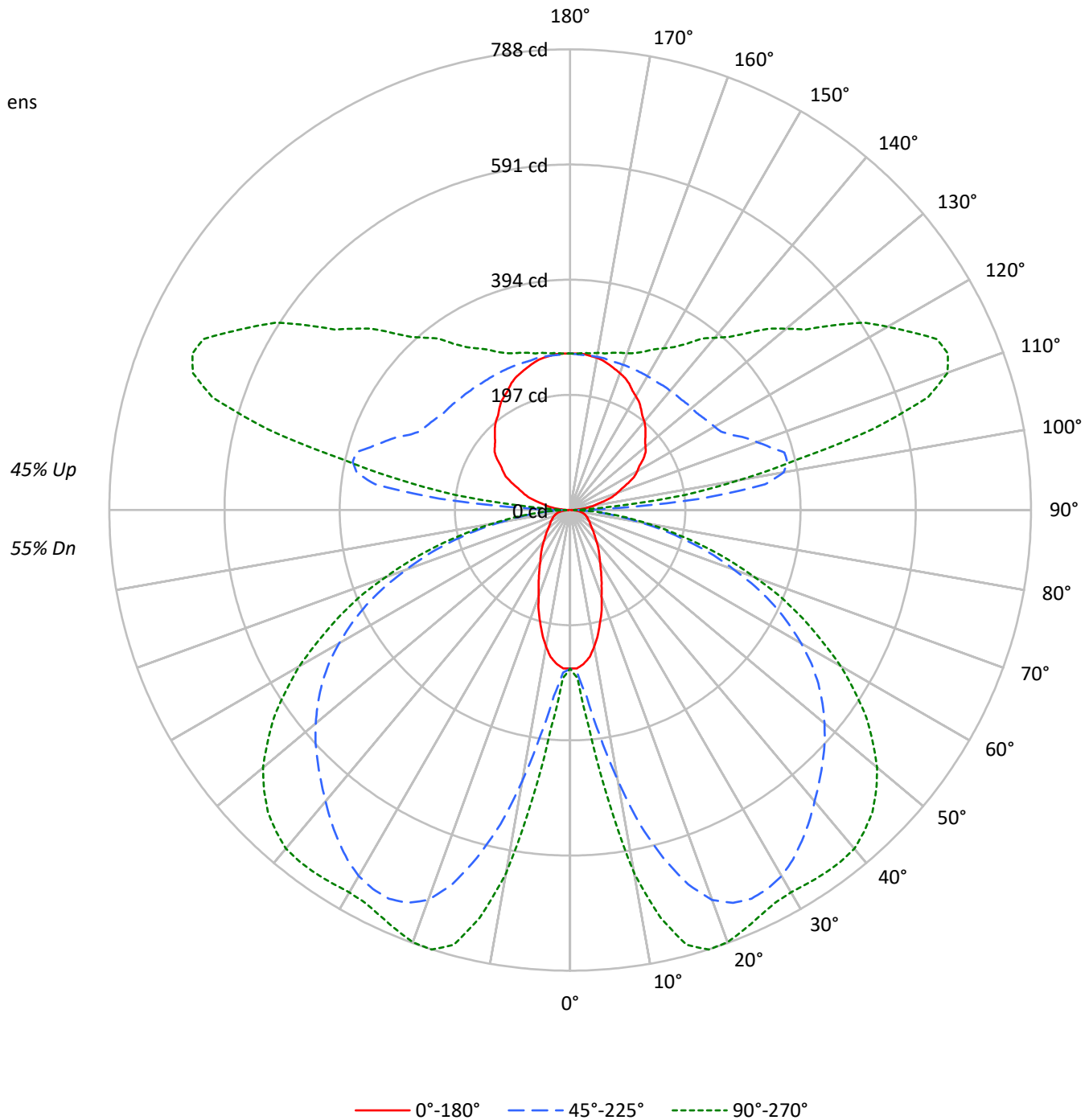
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3835.1 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 2.69 / 2.33
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 36.4
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: P936732
CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

Luminous Intensity Polar Plot





TEST NUMBER: P936732

CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 |
| 1 | 98 | 94 | 89 | 86 | 91 | 87 | 83 | 80 | 75 | 72 | 69 | 63 | 61 | 59 | 53 | 51 | 50 | 45 |
| 2 | 89 | 81 | 74 | 69 | 82 | 75 | 70 | 65 | 65 | 60 | 56 | 55 | 51 | 49 | 45 | 43 | 41 | 37 |
| 3 | 81 | 71 | 63 | 57 | 74 | 66 | 59 | 53 | 56 | 51 | 47 | 48 | 44 | 40 | 40 | 37 | 34 | 30 |
| 4 | 73 | 62 | 54 | 47 | 68 | 58 | 50 | 45 | 50 | 44 | 39 | 42 | 38 | 34 | 35 | 32 | 29 | 25 |
| 5 | 67 | 55 | 46 | 40 | 62 | 51 | 44 | 38 | 44 | 38 | 33 | 37 | 33 | 29 | 31 | 28 | 25 | 21 |
| 6 | 62 | 49 | 40 | 34 | 57 | 46 | 38 | 32 | 39 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 21 | 18 |
| 7 | 57 | 44 | 36 | 30 | 52 | 41 | 34 | 28 | 35 | 29 | 25 | 30 | 25 | 22 | 25 | 22 | 19 | 16 |
| 8 | 53 | 40 | 32 | 26 | 49 | 37 | 30 | 25 | 32 | 26 | 22 | 27 | 23 | 19 | 23 | 19 | 16 | 14 |
| 9 | 49 | 36 | 28 | 23 | 45 | 34 | 27 | 22 | 29 | 23 | 19 | 25 | 20 | 17 | 21 | 17 | 15 | 12 |
| 10 | 46 | 33 | 25 | 20 | 42 | 31 | 24 | 19 | 27 | 21 | 17 | 23 | 18 | 15 | 19 | 16 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2517 | 2517 | 2517 |
| 5° | 2456 | 2907 | 3383 |
| 10° | 2225 | 4233 | 5608 |
| 15° | 1889 | 5527 | 6771 |
| 20° | 1536 | 6400 | 6901 |
| 25° | 1279 | 6693 | 6761 |
| 30° | 1077 | 6730 | 6748 |
| 35° | 952 | 6613 | 6923 |
| 40° | 828 | 6462 | 7103 |
| 45° | 748 | 6350 | 7131 |
| 50° | 684 | 6248 | 7013 |
| 55° | 654 | 6101 | 6702 |
| 60° | 667 | 5826 | 6211 |
| 65° | 690 | 5410 | 5536 |
| 70° | 731 | 4708 | 4677 |
| 75° | 800 | 3828 | 3650 |
| 80° | 856 | 2647 | 2459 |
| 85° | 720 | 1396 | 1258 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 7131 cd/sqm



TEST NUMBER: P936732

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 35.1 | 0.9 |
| 10°-20° | 155.5 | 4.1 |
| 20°-30° | 272.0 | 7.1 |
| 30°-40° | 350.1 | 9.1 |
| 40°-50° | 391.0 | 10.2 |
| 50°-60° | 374.5 | 9.8 |
| 60°-70° | 296.8 | 7.7 |
| 70°-80° | 174.5 | 4.6 |
| 80°-90° | 49.5 | 1.3 |
| 90°-100° | 130.5 | 3.4 |
| 100°-110° | 343.2 | 8.9 |
| 110°-120° | 355.9 | 9.3 |
| 120°-130° | 285.4 | 7.4 |
| 130°-140° | 224.0 | 5.8 |
| 140°-150° | 171.9 | 4.5 |
| 150°-160° | 123.8 | 3.2 |
| 160°-170° | 75.7 | 2.0 |
| 170°-180° | 25.6 | 0.7 |
| 0°-30° | 462.5 | 12.1 |
| 0°-40° | 812.6 | 21.2 |
| 0°-60° | 1578.2 | 41.2 |
| 0°-90° | 2099.0 | 54.7 |
| 90°-120° | 829.6 | 21.6 |
| 90°-150° | 1510.9 | 39.4 |
| 90°-180° | 1736.0 | 45.3 |
| 0°-180° | 3835.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 271 | 271 | 271 | 271 | 271 | |
| 5° | 264 | 283 | 319 | 361 | 374 | 24 |
| 15° | 198 | 365 | 616 | 746 | 770 | 55 |
| 25° | 126 | 414 | 733 | 766 | 766 | 58 |
| 35° | 86 | 396 | 691 | 730 | 759 | 53 |
| 45° | 58 | 316 | 610 | 699 | 731 | 45 |
| 55° | 42 | 201 | 518 | 602 | 618 | 38 |
| 65° | 33 | 106 | 385 | 432 | 439 | 33 |
| 75° | 24 | 65 | 211 | 232 | 233 | 26 |
| 85° | 9 | 20 | 52 | 58 | 58 | 9 |
| 90° | 2 | 5 | 14 | 7 | 7 | 2 |
| 95° | 17 | 68 | 225 | 116 | 79 | 19 |
| 105° | 62 | 94 | 379 | 576 | 537 | 66 |
| 115° | 110 | 133 | 304 | 606 | 692 | 108 |
| 125° | 153 | 171 | 276 | 467 | 551 | 136 |
| 135° | 182 | 200 | 268 | 377 | 428 | 141 |
| 145° | 211 | 225 | 264 | 322 | 347 | 132 |
| 155° | 239 | 245 | 264 | 290 | 299 | 110 |
| 165° | 258 | 261 | 264 | 275 | 278 | 73 |
| 175° | 268 | 268 | 266 | 270 | 270 | 25 |
| 180° | 268 | 268 | 268 | 268 | 268 | |



TEST NUMBER: P936732

CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 | 271.2 |
| 2.5° | 271.2 | 271.2 | 272.9 | 273.8 | 275.6 | 276.4 | 278.2 | 279.9 | 285.2 | 286.0 | 287.8 |
| 5° | 264.2 | 267.7 | 279.1 | 283.4 | 295.6 | 312.2 | 319.2 | 330.5 | 354.0 | 361.0 | 365.4 |
| 7.5° | 253.8 | 261.6 | 289.5 | 296.5 | 327.0 | 370.6 | 388.9 | 413.3 | 450.8 | 469.2 | 484.0 |
| 10° | 237.2 | 253.8 | 303.5 | 320.0 | 369.7 | 436.0 | 470.0 | 504.0 | 560.7 | 586.0 | 595.6 |
| 12.5° | 218.9 | 245.9 | 318.3 | 341.0 | 412.5 | 509.3 | 550.3 | 587.8 | 652.3 | 686.3 | 691.5 |
| 15° | 198.0 | 234.6 | 332.2 | 365.4 | 457.8 | 570.3 | 615.7 | 661.9 | 722.0 | 746.5 | 752.6 |
| 17.5° | 179.6 | 225.9 | 345.3 | 380.2 | 492.7 | 625.2 | 671.5 | 709.8 | 758.7 | 775.2 | 779.6 |
| 20° | 157.0 | 211.9 | 354.0 | 399.4 | 529.3 | 665.4 | 709.8 | 739.5 | 772.6 | 783.1 | 784.8 |
| 22.5° | 140.4 | 197.1 | 359.3 | 406.4 | 553.7 | 689.8 | 727.3 | 750.8 | 773.5 | 777.0 | 777.9 |
| 25° | 126.4 | 180.5 | 358.4 | 414.2 | 574.7 | 704.6 | 733.4 | 750.8 | 763.9 | 765.6 | 765.6 |
| 27.5° | 113.4 | 162.2 | 354.9 | 416.0 | 590.4 | 708.1 | 730.8 | 743.0 | 749.1 | 752.6 | 752.6 |
| 30° | 102.0 | 144.8 | 346.2 | 412.5 | 597.3 | 704.6 | 722.9 | 729.0 | 735.1 | 740.4 | 743.0 |
| 32.5° | 93.3 | 128.2 | 333.1 | 405.5 | 598.2 | 695.9 | 709.0 | 712.5 | 721.2 | 733.4 | 737.7 |
| 35° | 85.5 | 111.6 | 318.3 | 395.9 | 593.0 | 681.9 | 690.7 | 694.1 | 711.6 | 729.9 | 736.0 |
| 37.5° | 77.6 | 99.4 | 299.1 | 379.3 | 585.1 | 665.4 | 671.5 | 677.6 | 704.6 | 726.4 | 733.4 |
| 40° | 69.8 | 88.9 | 276.4 | 361.0 | 572.9 | 645.3 | 650.5 | 660.1 | 695.9 | 721.2 | 728.1 |
| 42.5° | 63.7 | 80.2 | 252.0 | 341.8 | 557.2 | 622.6 | 630.5 | 644.4 | 685.4 | 712.5 | 720.3 |
| 45° | 58.4 | 71.5 | 225.9 | 315.7 | 537.2 | 599.1 | 610.4 | 629.6 | 673.2 | 699.4 | 706.3 |
| 47.5° | 53.2 | 65.4 | 198.8 | 288.6 | 515.4 | 575.5 | 590.4 | 612.2 | 656.6 | 681.9 | 688.0 |
| 50° | 48.8 | 59.3 | 171.8 | 259.9 | 491.8 | 550.3 | 567.7 | 590.4 | 635.7 | 659.3 | 667.1 |
| 52.5° | 45.3 | 54.1 | 146.5 | 231.1 | 464.8 | 524.1 | 544.1 | 567.7 | 610.4 | 633.1 | 638.3 |
| 55° | 41.9 | 49.7 | 124.7 | 200.6 | 436.9 | 496.2 | 518.0 | 540.7 | 582.5 | 601.7 | 605.2 |
| 57.5° | 40.1 | 46.2 | 106.4 | 171.8 | 407.2 | 464.8 | 489.2 | 510.1 | 549.4 | 564.2 | 567.7 |
| 60° | 37.5 | 43.6 | 92.4 | 147.4 | 375.0 | 435.1 | 456.1 | 477.0 | 510.1 | 522.3 | 525.0 |
| 62.5° | 34.9 | 41.9 | 82.0 | 123.8 | 341.8 | 400.3 | 421.2 | 440.4 | 468.3 | 477.0 | 480.5 |
| 65° | 33.1 | 40.1 | 74.1 | 106.4 | 307.8 | 363.6 | 384.6 | 401.1 | 423.8 | 432.5 | 434.3 |
| 67.5° | 31.4 | 38.4 | 68.0 | 91.6 | 273.8 | 327.0 | 342.7 | 358.4 | 375.8 | 384.6 | 385.4 |
| 70° | 28.8 | 36.6 | 62.8 | 81.1 | 238.9 | 285.2 | 298.2 | 314.8 | 328.8 | 333.1 | 335.7 |
| 72.5° | 27.0 | 34.0 | 59.3 | 73.3 | 203.2 | 245.0 | 257.3 | 266.8 | 279.1 | 283.4 | 283.4 |
| 75° | 24.4 | 30.5 | 55.8 | 65.4 | 166.6 | 200.6 | 211.0 | 220.6 | 230.2 | 232.0 | 229.3 |
| 77.5° | 21.8 | 27.0 | 48.0 | 54.9 | 129.9 | 158.7 | 167.4 | 172.7 | 180.5 | 182.3 | 183.1 |
| 80° | 18.3 | 23.5 | 37.5 | 42.7 | 94.2 | 116.9 | 123.0 | 127.3 | 134.3 | 134.3 | 136.0 |
| 82.5° | 14.0 | 18.3 | 27.0 | 30.5 | 63.7 | 80.2 | 85.5 | 88.1 | 92.4 | 92.4 | 92.4 |
| 85° | 8.7 | 11.3 | 17.4 | 20.1 | 38.4 | 48.8 | 52.3 | 53.2 | 56.7 | 57.6 | 57.6 |
| 87.5° | 4.4 | 6.1 | 11.3 | 12.2 | 20.1 | 25.3 | 25.3 | 27.0 | 27.0 | 26.2 | 25.3 |
| 90° | 1.8 | 3.2 | 4.7 | 5.1 | 7.9 | 11.8 | 13.7 | 12.1 | 9.1 | 6.8 | 6.8 |
| 92.5° | 7.2 | 19.4 | 31.7 | 34.7 | 48.7 | 67.5 | 76.9 | 67.4 | 48.4 | 34.2 | 32.8 |
| 95° | 17.3 | 39.6 | 62.0 | 67.6 | 120.0 | 189.8 | 224.8 | 200.6 | 152.2 | 115.9 | 111.8 |
| 97.5° | 29.8 | 49.5 | 69.2 | 74.2 | 161.6 | 278.2 | 336.4 | 321.2 | 290.6 | 267.6 | 259.8 |
| 100° | 39.5 | 57.4 | 75.3 | 79.8 | 176.8 | 306.1 | 370.8 | 371.9 | 374.2 | 375.8 | 366.5 |
| 102.5° | 47.8 | 64.5 | 81.2 | 85.4 | 183.7 | 314.9 | 380.5 | 400.0 | 439.0 | 468.2 | 460.2 |
| 105° | 61.8 | 76.0 | 90.1 | 93.7 | 188.9 | 315.9 | 379.4 | 423.1 | 510.5 | 576.1 | 571.8 |
| 107.5° | 76.2 | 89.4 | 102.6 | 105.9 | 189.8 | 301.9 | 357.9 | 418.8 | 540.7 | 632.1 | 633.2 |
| 110° | 85.9 | 97.8 | 109.7 | 112.7 | 188.4 | 289.4 | 339.9 | 408.0 | 544.3 | 646.5 | 651.0 |



TEST NUMBER: P936732

CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 95.4 | 106.7 | 118.1 | 121.0 | 188.4 | 278.5 | 323.5 | 393.3 | 532.7 | 637.4 | 644.3 |
| 115° | 109.8 | 120.3 | 130.7 | 133.3 | 190.2 | 266.0 | 303.9 | 371.1 | 505.4 | 606.2 | 615.7 |
| 117.5° | 124.0 | 133.5 | 143.0 | 145.4 | 193.8 | 258.2 | 290.5 | 351.1 | 472.3 | 563.2 | 573.8 |
| 120° | 132.3 | 141.3 | 150.2 | 152.4 | 196.6 | 255.6 | 285.1 | 340.4 | 451.3 | 534.4 | 544.7 |
| 122.5° | 140.4 | 149.5 | 158.4 | 160.7 | 200.7 | 254.2 | 280.9 | 330.8 | 430.6 | 505.4 | 515.5 |
| 125° | 152.8 | 161.0 | 169.2 | 171.3 | 206.3 | 253.1 | 276.4 | 318.8 | 403.6 | 467.1 | 476.5 |
| 127.5° | 162.8 | 171.2 | 179.5 | 181.6 | 211.9 | 252.5 | 272.7 | 309.0 | 381.8 | 436.4 | 444.2 |
| 130° | 168.2 | 177.2 | 186.1 | 188.4 | 216.0 | 252.8 | 271.2 | 303.6 | 368.4 | 417.0 | 424.2 |
| 132.5° | 173.8 | 182.8 | 191.7 | 193.9 | 219.3 | 253.1 | 270.0 | 298.9 | 356.9 | 400.4 | 407.0 |
| 135° | 182.1 | 190.2 | 198.4 | 200.4 | 222.9 | 252.8 | 267.8 | 292.0 | 340.6 | 377.1 | 382.6 |
| 137.5° | 190.5 | 198.6 | 206.7 | 208.7 | 228.3 | 254.4 | 267.5 | 287.9 | 329.0 | 359.8 | 364.4 |
| 140° | 197.5 | 204.9 | 212.4 | 214.3 | 231.5 | 254.6 | 266.1 | 283.9 | 319.4 | 346.0 | 350.3 |
| 142.5° | 202.9 | 209.8 | 216.6 | 218.4 | 234.3 | 255.5 | 266.1 | 281.8 | 312.9 | 336.3 | 339.9 |
| 145° | 211.2 | 217.1 | 223.2 | 224.6 | 237.9 | 255.6 | 264.4 | 277.1 | 302.6 | 321.7 | 324.5 |
| 147.5° | 219.5 | 225.3 | 231.1 | 232.6 | 243.2 | 257.3 | 264.4 | 274.4 | 294.5 | 309.5 | 311.8 |
| 150° | 224.8 | 230.0 | 235.4 | 236.7 | 245.9 | 258.2 | 264.4 | 272.9 | 289.8 | 302.5 | 304.4 |
| 152.5° | 230.4 | 234.4 | 238.4 | 239.4 | 247.7 | 258.8 | 264.4 | 271.6 | 286.1 | 296.9 | 298.3 |
| 155° | 238.7 | 241.6 | 244.6 | 245.3 | 251.7 | 260.1 | 264.4 | 270.2 | 281.7 | 290.3 | 291.3 |
| 157.5° | 244.8 | 247.7 | 250.5 | 251.2 | 255.6 | 261.4 | 264.4 | 268.8 | 277.8 | 284.5 | 285.2 |
| 160° | 249.0 | 251.1 | 253.4 | 253.9 | 257.4 | 262.0 | 264.4 | 268.2 | 275.9 | 281.7 | 282.0 |
| 162.5° | 253.1 | 254.7 | 256.4 | 256.8 | 259.3 | 262.7 | 264.4 | 267.6 | 274.1 | 279.0 | 279.3 |
| 165° | 257.6 | 259.1 | 260.7 | 261.0 | 262.1 | 263.6 | 264.4 | 266.7 | 271.3 | 274.8 | 275.1 |
| 167.5° | 261.7 | 262.4 | 263.1 | 263.3 | 264.2 | 265.5 | 266.1 | 267.7 | 270.8 | 273.0 | 273.2 |
| 170° | 264.4 | 265.1 | 265.8 | 266.0 | 266.1 | 266.1 | 266.1 | 267.7 | 270.8 | 273.0 | 273.0 |
| 172.5° | 265.8 | 266.0 | 266.1 | 266.1 | 266.1 | 266.1 | 266.1 | 267.4 | 269.7 | 271.6 | 271.4 |
| 175° | 267.8 | 267.8 | 267.8 | 267.8 | 267.3 | 266.5 | 266.1 | 266.9 | 268.5 | 269.6 | 269.6 |
| 177.5° | 267.8 | 267.8 | 267.8 | 267.8 | 267.4 | 266.8 | 266.6 | 267.2 | 268.4 | 269.3 | 269.1 |
| 180° | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 | 267.8 |



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CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|-------|-------|
| 0° | 271.2 | 271.2 |
| 2.5° | 289.5 | 287.8 |
| 5° | 372.4 | 374.1 |
| 7.5° | 501.4 | 500.5 |
| 10° | 623.5 | 631.4 |
| 12.5° | 712.5 | 714.2 |
| 15° | 766.5 | 770.0 |
| 17.5° | 787.4 | 788.3 |
| 20° | 788.3 | 786.6 |
| 22.5° | 778.7 | 777.0 |
| 25° | 767.4 | 766.5 |
| 27.5° | 756.9 | 757.8 |
| 30° | 752.6 | 755.2 |
| 32.5° | 752.6 | 756.9 |
| 35° | 754.3 | 758.7 |
| 37.5° | 753.4 | 758.7 |
| 40° | 749.9 | 756.1 |
| 42.5° | 740.4 | 744.7 |
| 45° | 725.5 | 730.8 |
| 47.5° | 706.3 | 709.8 |
| 50° | 681.9 | 685.4 |
| 52.5° | 651.4 | 652.3 |
| 55° | 614.8 | 618.3 |
| 57.5° | 575.5 | 576.4 |
| 60° | 531.9 | 534.6 |
| 62.5° | 485.7 | 485.7 |
| 65° | 436.9 | 438.6 |
| 67.5° | 386.3 | 390.7 |
| 70° | 334.9 | 335.7 |
| 72.5° | 284.3 | 284.3 |
| 75° | 232.0 | 232.8 |
| 77.5° | 182.3 | 182.3 |
| 80° | 135.2 | 136.0 |
| 82.5° | 93.3 | 95.1 |
| 85° | 58.4 | 58.4 |
| 87.5° | 27.0 | 24.4 |
| 90° | 6.8 | 6.8 |
| 92.5° | 27.4 | 21.9 |
| 95° | 95.3 | 78.9 |
| 97.5° | 228.5 | 197.2 |
| 100° | 329.2 | 291.9 |
| 102.5° | 428.3 | 396.3 |
| 105° | 554.6 | 537.4 |
| 107.5° | 637.3 | 641.5 |
| 110° | 668.9 | 686.7 |



TEST NUMBER: P936732

CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|-------|-------|
| 112.5° | 671.7 | 699.2 |
| 115° | 653.9 | 692.0 |
| 117.5° | 616.1 | 658.4 |
| 120° | 585.7 | 626.7 |
| 122.5° | 556.1 | 596.6 |
| 125° | 513.7 | 551.0 |
| 127.5° | 475.7 | 507.2 |
| 130° | 453.4 | 482.4 |
| 132.5° | 433.0 | 459.0 |
| 135° | 405.1 | 427.6 |
| 137.5° | 382.7 | 401.1 |
| 140° | 367.5 | 384.7 |
| 142.5° | 354.7 | 369.6 |
| 145° | 335.7 | 346.9 |
| 147.5° | 321.1 | 330.3 |
| 150° | 311.9 | 319.4 |
| 152.5° | 304.0 | 309.7 |
| 155° | 295.0 | 298.8 |
| 157.5° | 287.9 | 290.5 |
| 160° | 283.6 | 285.1 |
| 162.5° | 280.8 | 282.2 |
| 165° | 276.7 | 278.3 |
| 167.5° | 273.8 | 274.4 |
| 170° | 273.0 | 273.0 |
| 172.5° | 270.9 | 270.3 |
| 175° | 269.6 | 269.6 |
| 177.5° | 268.5 | 267.8 |
| 180° | 267.8 | 267.8 |



TEST NUMBER: P936732
 CATALOG NUMBER: SQ4-FB-050U-075D-92765-1D-UNV-STD-W-4-3000K

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 | 4.62 | 5.57 | 5.53 | 6.50 | 7.70 | 17.76 | 18.70 | 18.66 | 19.64 | 20.84 |
| | 3H | 5.33 | 6.18 | 6.25 | 7.13 | 8.35 | 19.59 | 20.44 | 20.51 | 21.38 | 22.60 |
| | 4H | 5.63 | 6.44 | 6.57 | 7.39 | 8.62 | 20.23 | 21.03 | 21.16 | 21.98 | 23.21 |
| | 6H | 5.89 | 6.63 | 6.83 | 7.59 | 8.83 | 20.65 | 21.40 | 21.60 | 22.35 | 23.59 |
| | 8H | 5.96 | 6.67 | 6.91 | 7.64 | 8.88 | 20.77 | 21.48 | 21.72 | 22.45 | 23.69 |
| | 12H | 5.98 | 6.66 | 6.94 | 7.62 | 8.89 | 20.83 | 21.51 | 21.79 | 22.47 | 23.74 |
| 4H | 2H | 11.82 | 12.63 | 12.76 | 13.57 | 14.81 | 18.04 | 18.85 | 18.98 | 19.80 | 21.03 |
| | 3H | 13.40 | 14.07 | 14.35 | 15.05 | 16.30 | 20.08 | 20.76 | 21.03 | 21.74 | 22.98 |
| | 4H | 13.50 | 14.12 | 14.46 | 15.09 | 16.36 | 20.84 | 21.46 | 21.80 | 22.43 | 23.70 |
| | 6H | 13.51 | 14.05 | 14.49 | 15.04 | 16.31 | 21.37 | 21.91 | 22.35 | 22.90 | 24.17 |
| | 8H | 13.49 | 13.99 | 14.47 | 14.98 | 16.27 | 21.53 | 22.03 | 22.51 | 23.02 | 24.31 |
| | 12H | 13.45 | 13.91 | 14.45 | 14.91 | 16.20 | 21.62 | 22.08 | 22.62 | 23.08 | 24.37 |
| 8H | 4H | 14.94 | 15.44 | 15.91 | 16.43 | 17.71 | 20.91 | 21.41 | 21.89 | 22.40 | 23.69 |
| | 6H | 15.19 | 15.60 | 16.19 | 16.63 | 17.91 | 21.53 | 21.95 | 22.53 | 22.98 | 24.26 |
| | 8H | 15.20 | 15.57 | 16.21 | 16.59 | 17.89 | 21.75 | 22.11 | 22.76 | 23.13 | 24.43 |
| | 12H | 15.18 | 15.50 | 16.19 | 16.51 | 17.86 | 21.89 | 22.21 | 22.90 | 23.22 | 24.57 |
| 12H | 4H | 15.08 | 15.54 | 16.08 | 16.54 | 17.83 | 20.87 | 21.32 | 21.86 | 22.33 | 23.62 |
| | 6H | 15.44 | 15.81 | 16.45 | 16.83 | 18.13 | 21.52 | 21.88 | 22.53 | 22.90 | 24.20 |
| | 8H | 15.52 | 15.84 | 16.53 | 16.85 | 18.20 | 21.74 | 22.07 | 22.76 | 23.08 | 24.42 |