

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: P936387

Luminaire Tested: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936387
REPORT IS A COMBINATION OF REPORTS P933446 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Batwing Frosted Continuous Roll L
Light Source: -
Ballast/Driver: -

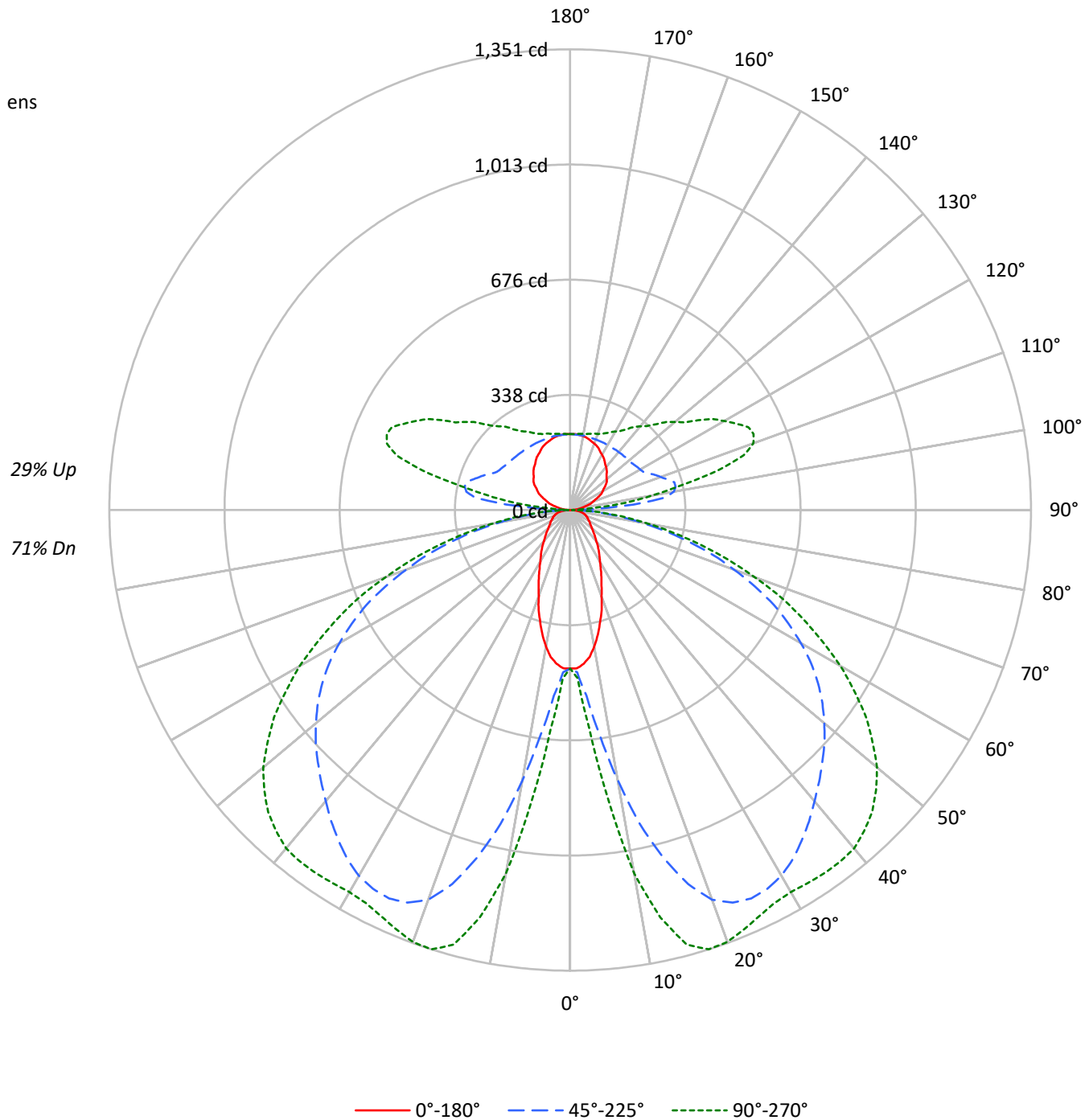
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5040.7 lumens
Efficiency: N/A
Efficacy: 112.0 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-Direct

Input Watts (W): 45
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: 24 FT

TEST NUMBER: P936387
CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

Luminous Intensity Polar Plot





TEST NUMBER: P936387

CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

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 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 95 | 95 | 95 | 85 | 85 | 85 | 76 | 76 | 76 | 71 |
| 1 | 102 | 97 | 93 | 89 | 96 | 92 | 88 | 85 | 82 | 79 | 77 | 74 | 71 | 69 | 66 | 64 | 62 | 58 |
| 2 | 92 | 84 | 77 | 71 | 87 | 79 | 73 | 68 | 71 | 66 | 62 | 64 | 60 | 57 | 57 | 54 | 51 | 48 |
| 3 | 83 | 73 | 65 | 58 | 79 | 69 | 62 | 56 | 62 | 56 | 51 | 56 | 51 | 47 | 50 | 46 | 43 | 39 |
| 4 | 76 | 64 | 55 | 49 | 71 | 61 | 53 | 47 | 55 | 48 | 43 | 49 | 44 | 39 | 44 | 40 | 36 | 33 |
| 5 | 69 | 57 | 48 | 41 | 65 | 54 | 46 | 40 | 49 | 42 | 37 | 44 | 38 | 34 | 39 | 34 | 31 | 28 |
| 6 | 64 | 51 | 42 | 35 | 60 | 48 | 40 | 34 | 43 | 37 | 32 | 39 | 33 | 29 | 35 | 30 | 27 | 24 |
| 7 | 59 | 45 | 37 | 31 | 55 | 43 | 35 | 30 | 39 | 32 | 27 | 35 | 30 | 25 | 32 | 27 | 23 | 21 |
| 8 | 54 | 41 | 33 | 27 | 51 | 39 | 31 | 26 | 36 | 29 | 24 | 32 | 26 | 22 | 29 | 24 | 21 | 18 |
| 9 | 51 | 37 | 29 | 24 | 48 | 36 | 28 | 23 | 32 | 26 | 21 | 29 | 24 | 20 | 26 | 22 | 18 | 16 |
| 10 | 47 | 34 | 26 | 21 | 45 | 33 | 25 | 21 | 30 | 23 | 19 | 27 | 22 | 18 | 24 | 20 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2874 | 2874 | 2874 |
| 5° | 2807 | 3321 | 3863 |
| 10° | 2545 | 4840 | 6405 |
| 15° | 2162 | 6322 | 7735 |
| 20° | 1760 | 7325 | 7883 |
| 25° | 1467 | 7664 | 7722 |
| 30° | 1237 | 7710 | 7708 |
| 35° | 1093 | 7580 | 7907 |
| 40° | 952 | 7411 | 8113 |
| 45° | 861 | 7287 | 8145 |
| 50° | 790 | 7175 | 8010 |
| 55° | 755 | 7011 | 7654 |
| 60° | 772 | 6701 | 7094 |
| 65° | 803 | 6230 | 6324 |
| 70° | 853 | 5428 | 5342 |
| 75° | 941 | 4422 | 4169 |
| 80° | 1022 | 3064 | 2810 |
| 85° | 888 | 1622 | 1438 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 8145 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 60.1 | 1.2 |
| 10°-20° | 266.4 | 5.3 |
| 20°-30° | 466.0 | 9.2 |
| 30°-40° | 599.8 | 11.9 |
| 40°-50° | 670.0 | 13.3 |
| 50°-60° | 641.7 | 12.7 |
| 60°-70° | 508.5 | 10.1 |
| 70°-80° | 299.0 | 5.9 |
| 80°-90° | 83.9 | 1.7 |
| 90°-100° | 108.7 | 2.2 |
| 100°-110° | 285.7 | 5.7 |
| 110°-120° | 296.3 | 5.9 |
| 120°-130° | 237.7 | 4.7 |
| 130°-140° | 186.5 | 3.7 |
| 140°-150° | 143.1 | 2.8 |
| 150°-160° | 103.1 | 2.0 |
| 160°-170° | 63.1 | 1.3 |
| 170°-180° | 21.3 | 0.4 |
| 0°-30° | 792.4 | 15.7 |
| 0°-40° | 1392.3 | 27.6 |
| 0°-60° | 2703.9 | 53.6 |
| 0°-90° | 3595.3 | 71.3 |
| 90°-120° | 690.7 | 13.7 |
| 90°-150° | 1257.9 | 25.0 |
| 90°-180° | 1445.0 | 28.7 |
| 0°-180° | 5040.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 465 | 465 | 465 | 465 | 465 | |
| 5° | 453 | 486 | 547 | 618 | 641 | 42 |
| 15° | 339 | 626 | 1055 | 1279 | 1319 | 94 |
| 25° | 217 | 710 | 1257 | 1312 | 1313 | 100 |
| 35° | 146 | 678 | 1183 | 1251 | 1300 | 91 |
| 45° | 100 | 541 | 1046 | 1198 | 1252 | 77 |
| 55° | 72 | 344 | 887 | 1031 | 1059 | 65 |
| 65° | 57 | 182 | 659 | 741 | 752 | 56 |
| 75° | 42 | 112 | 362 | 397 | 399 | 44 |
| 85° | 15 | 34 | 90 | 99 | 100 | 16 |
| 90° | 2 | 4 | 11 | 6 | 6 | 2 |
| 95° | 14 | 56 | 187 | 96 | 66 | 16 |
| 105° | 52 | 78 | 316 | 480 | 447 | 55 |
| 115° | 91 | 111 | 253 | 505 | 576 | 90 |
| 125° | 127 | 143 | 230 | 389 | 459 | 113 |
| 135° | 152 | 167 | 223 | 314 | 356 | 117 |
| 145° | 176 | 187 | 220 | 268 | 289 | 110 |
| 155° | 199 | 204 | 220 | 242 | 249 | 91 |
| 165° | 214 | 217 | 220 | 229 | 232 | 61 |
| 175° | 223 | 223 | 222 | 224 | 224 | 21 |
| 180° | 223 | 223 | 223 | 223 | 223 | |



TEST NUMBER: P936387

CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (FULL):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 |
| 2.5° | 464.6 | 464.6 | 467.6 | 469.1 | 472.1 | 473.6 | 476.6 | 479.6 | 488.5 | 490.0 | 493.0 |
| 5° | 452.7 | 458.7 | 478.1 | 485.6 | 506.5 | 534.9 | 546.8 | 566.2 | 606.6 | 618.5 | 626.0 |
| 7.5° | 434.8 | 448.2 | 496.0 | 508.0 | 560.2 | 635.0 | 666.3 | 708.2 | 772.4 | 803.8 | 829.2 |
| 10° | 406.4 | 434.8 | 519.9 | 548.3 | 633.5 | 747.0 | 805.3 | 863.5 | 960.6 | 1004.0 | 1020.4 |
| 12.5° | 375.0 | 421.3 | 545.3 | 584.2 | 706.7 | 872.5 | 942.7 | 1007.0 | 1117.5 | 1175.9 | 1184.8 |
| 15° | 339.1 | 401.9 | 569.2 | 626.0 | 784.4 | 977.1 | 1054.8 | 1134.0 | 1237.1 | 1279.0 | 1289.4 |
| 17.5° | 307.8 | 386.9 | 591.6 | 651.4 | 844.1 | 1071.2 | 1150.5 | 1216.2 | 1299.9 | 1328.3 | 1335.7 |
| 20° | 268.9 | 363.0 | 606.6 | 684.3 | 906.9 | 1140.0 | 1216.2 | 1267.0 | 1323.8 | 1341.7 | 1344.7 |
| 22.5° | 240.5 | 337.6 | 615.5 | 696.2 | 948.7 | 1181.9 | 1246.1 | 1286.4 | 1325.3 | 1331.3 | 1332.7 |
| 25° | 216.6 | 309.3 | 614.0 | 709.6 | 984.5 | 1207.3 | 1256.6 | 1286.4 | 1308.8 | 1311.8 | 1311.8 |
| 27.5° | 194.2 | 277.9 | 608.1 | 712.6 | 1011.4 | 1213.2 | 1252.1 | 1273.0 | 1283.4 | 1289.4 | 1289.4 |
| 30° | 174.8 | 248.0 | 593.1 | 706.7 | 1023.4 | 1207.3 | 1238.6 | 1249.1 | 1259.5 | 1268.5 | 1273.0 |
| 32.5° | 159.9 | 219.6 | 570.7 | 694.7 | 1024.9 | 1192.3 | 1214.7 | 1220.7 | 1235.6 | 1256.6 | 1264.0 |
| 35° | 146.4 | 191.2 | 545.3 | 678.3 | 1015.9 | 1168.4 | 1183.3 | 1189.3 | 1219.2 | 1250.6 | 1261.0 |
| 37.5° | 133.0 | 170.3 | 512.4 | 649.9 | 1002.5 | 1140.0 | 1150.5 | 1160.9 | 1207.3 | 1244.6 | 1256.6 |
| 40° | 119.5 | 152.4 | 473.6 | 618.5 | 981.6 | 1105.6 | 1114.5 | 1131.0 | 1192.3 | 1235.6 | 1247.6 |
| 42.5° | 109.1 | 137.4 | 431.8 | 585.6 | 954.7 | 1066.7 | 1080.2 | 1104.1 | 1174.4 | 1220.7 | 1234.1 |
| 45° | 100.1 | 122.5 | 386.9 | 540.8 | 920.3 | 1026.4 | 1045.8 | 1078.7 | 1153.5 | 1198.3 | 1210.2 |
| 47.5° | 91.1 | 112.0 | 340.6 | 494.5 | 883.0 | 986.0 | 1011.4 | 1048.8 | 1125.0 | 1168.4 | 1178.9 |
| 50° | 83.7 | 101.6 | 294.3 | 445.2 | 842.6 | 942.7 | 972.6 | 1011.4 | 1089.1 | 1129.5 | 1143.0 |
| 52.5° | 77.7 | 92.6 | 251.0 | 395.9 | 796.3 | 897.9 | 932.3 | 972.6 | 1045.8 | 1084.6 | 1093.6 |
| 55° | 71.7 | 85.2 | 213.6 | 343.6 | 748.5 | 850.1 | 887.4 | 926.3 | 998.0 | 1030.9 | 1036.8 |
| 57.5° | 68.7 | 79.2 | 182.3 | 294.3 | 697.7 | 796.3 | 838.1 | 874.0 | 941.2 | 966.6 | 972.6 |
| 60° | 64.2 | 74.7 | 158.4 | 252.5 | 642.4 | 745.5 | 781.4 | 817.2 | 874.0 | 894.9 | 899.4 |
| 62.5° | 59.8 | 71.7 | 140.4 | 212.1 | 585.6 | 685.7 | 721.6 | 754.5 | 802.3 | 817.2 | 823.2 |
| 65° | 56.8 | 68.7 | 127.0 | 182.3 | 527.4 | 623.0 | 658.9 | 687.2 | 726.1 | 741.0 | 744.0 |
| 67.5° | 53.8 | 65.7 | 116.5 | 156.9 | 469.1 | 560.2 | 587.1 | 614.0 | 643.9 | 658.9 | 660.3 |
| 70° | 49.3 | 62.7 | 107.6 | 138.9 | 409.4 | 488.5 | 510.9 | 539.3 | 563.2 | 570.7 | 575.2 |
| 72.5° | 46.3 | 58.3 | 101.6 | 125.5 | 348.1 | 419.8 | 440.7 | 457.2 | 478.1 | 485.6 | 485.6 |
| 75° | 41.8 | 52.3 | 95.6 | 112.0 | 285.4 | 343.6 | 361.5 | 378.0 | 394.4 | 397.4 | 392.9 |
| 77.5° | 37.4 | 46.3 | 82.2 | 94.1 | 222.6 | 271.9 | 286.8 | 295.8 | 309.3 | 312.2 | 313.7 |
| 80° | 31.4 | 40.3 | 64.2 | 73.2 | 161.4 | 200.2 | 210.7 | 218.1 | 230.1 | 230.1 | 233.1 |
| 82.5° | 23.9 | 31.4 | 46.3 | 52.3 | 109.1 | 137.4 | 146.4 | 150.9 | 158.4 | 158.4 | 158.4 |
| 85° | 14.9 | 19.4 | 29.9 | 34.4 | 65.7 | 83.7 | 89.6 | 91.1 | 97.1 | 98.6 | 98.6 |
| 87.5° | 7.5 | 10.5 | 19.4 | 20.9 | 34.4 | 43.3 | 43.3 | 46.3 | 46.3 | 44.8 | 43.3 |
| 90° | 1.5 | 2.7 | 3.9 | 4.2 | 6.6 | 9.8 | 11.4 | 10.1 | 7.6 | 5.7 | 5.7 |
| 92.5° | 6.0 | 16.1 | 26.3 | 28.9 | 40.6 | 56.3 | 64.0 | 56.1 | 40.2 | 28.4 | 27.3 |
| 95° | 14.3 | 33.0 | 51.6 | 56.3 | 99.9 | 158.1 | 187.1 | 167.0 | 126.7 | 96.5 | 93.1 |
| 97.5° | 24.8 | 41.2 | 57.7 | 61.8 | 134.6 | 231.6 | 280.1 | 267.3 | 241.9 | 222.8 | 216.3 |
| 100° | 33.0 | 47.8 | 62.7 | 66.4 | 147.2 | 254.9 | 308.7 | 309.6 | 311.4 | 312.8 | 305.1 |
| 102.5° | 39.8 | 53.8 | 67.6 | 71.1 | 153.0 | 262.1 | 316.7 | 333.0 | 365.4 | 389.8 | 383.2 |
| 105° | 51.5 | 63.2 | 75.0 | 78.0 | 157.3 | 262.9 | 315.8 | 352.2 | 425.0 | 479.6 | 476.0 |
| 107.5° | 63.4 | 74.4 | 85.4 | 88.1 | 158.1 | 251.3 | 297.9 | 348.7 | 450.2 | 526.3 | 527.2 |
| 110° | 71.5 | 81.5 | 91.3 | 93.8 | 156.9 | 240.9 | 283.0 | 339.7 | 453.2 | 538.2 | 541.9 |



TEST NUMBER: P936387

CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

| | 0° | 10° | 20° | 22.5° | 30° | 40° | 45° | 50° | 60° | 67.5° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 79.5 | 88.9 | 98.3 | 100.7 | 156.9 | 231.9 | 269.3 | 327.4 | 443.5 | 530.6 | 536.2 |
| 115° | 91.4 | 100.2 | 108.9 | 111.1 | 158.4 | 221.4 | 253.0 | 309.0 | 420.8 | 504.7 | 512.6 |
| 117.5° | 103.3 | 111.2 | 119.0 | 121.0 | 161.3 | 214.9 | 241.8 | 292.3 | 393.2 | 468.9 | 477.7 |
| 120° | 110.2 | 117.6 | 125.0 | 126.9 | 163.7 | 212.8 | 237.3 | 283.5 | 375.7 | 444.9 | 453.5 |
| 122.5° | 116.8 | 124.4 | 131.9 | 133.8 | 167.1 | 211.6 | 233.9 | 275.4 | 358.5 | 420.8 | 429.3 |
| 125° | 127.2 | 134.1 | 140.9 | 142.6 | 171.8 | 210.8 | 230.2 | 265.4 | 336.1 | 388.9 | 396.7 |
| 127.5° | 135.6 | 142.4 | 149.4 | 151.1 | 176.4 | 210.2 | 227.0 | 257.3 | 317.9 | 363.3 | 369.9 |
| 130° | 140.0 | 147.5 | 154.9 | 156.8 | 179.8 | 210.5 | 225.8 | 252.8 | 306.7 | 347.1 | 353.2 |
| 132.5° | 144.7 | 152.2 | 159.6 | 161.5 | 182.6 | 210.8 | 224.8 | 248.9 | 297.2 | 333.4 | 338.7 |
| 135° | 151.6 | 158.4 | 165.1 | 166.8 | 185.6 | 210.6 | 223.0 | 243.2 | 283.7 | 313.9 | 318.6 |
| 137.5° | 158.7 | 165.3 | 172.0 | 173.7 | 190.0 | 211.8 | 222.7 | 239.8 | 274.0 | 299.6 | 303.4 |
| 140° | 164.4 | 170.6 | 176.8 | 178.4 | 192.8 | 212.0 | 221.6 | 236.4 | 265.9 | 288.0 | 291.6 |
| 142.5° | 168.9 | 174.6 | 180.4 | 181.8 | 195.0 | 212.7 | 221.6 | 234.6 | 260.6 | 280.0 | 283.1 |
| 145° | 175.8 | 180.8 | 185.8 | 187.0 | 198.1 | 212.7 | 220.1 | 230.7 | 251.9 | 267.8 | 270.1 |
| 147.5° | 182.7 | 187.5 | 192.4 | 193.6 | 202.5 | 214.2 | 220.1 | 228.5 | 245.1 | 257.7 | 259.6 |
| 150° | 187.1 | 191.5 | 196.0 | 197.1 | 204.8 | 215.0 | 220.1 | 227.2 | 241.2 | 251.8 | 253.4 |
| 152.5° | 191.8 | 195.1 | 198.5 | 199.3 | 206.3 | 215.5 | 220.1 | 226.1 | 238.1 | 247.2 | 248.4 |
| 155° | 198.7 | 201.2 | 203.7 | 204.3 | 209.6 | 216.6 | 220.1 | 224.9 | 234.5 | 241.6 | 242.4 |
| 157.5° | 203.8 | 206.2 | 208.6 | 209.2 | 212.8 | 217.7 | 220.1 | 223.8 | 231.3 | 236.8 | 237.4 |
| 160° | 207.3 | 209.2 | 211.0 | 211.5 | 214.3 | 218.2 | 220.1 | 223.3 | 229.7 | 234.5 | 234.8 |
| 162.5° | 210.7 | 212.0 | 213.4 | 213.8 | 215.9 | 218.7 | 220.1 | 222.8 | 228.2 | 232.3 | 232.6 |
| 165° | 214.4 | 215.6 | 216.9 | 217.2 | 218.2 | 219.5 | 220.1 | 222.0 | 225.9 | 228.8 | 229.1 |
| 167.5° | 217.8 | 218.4 | 219.0 | 219.2 | 220.0 | 221.1 | 221.6 | 222.9 | 225.4 | 227.3 | 227.4 |
| 170° | 220.1 | 220.7 | 221.3 | 221.4 | 221.5 | 221.6 | 221.6 | 222.9 | 225.4 | 227.3 | 227.3 |
| 172.5° | 221.3 | 221.4 | 221.6 | 221.6 | 221.6 | 221.6 | 221.6 | 222.6 | 224.6 | 226.1 | 226.0 |
| 175° | 223.0 | 223.0 | 223.0 | 223.0 | 222.5 | 221.9 | 221.6 | 222.2 | 223.5 | 224.5 | 224.5 |
| 177.5° | 223.0 | 223.0 | 223.0 | 223.0 | 222.6 | 222.1 | 221.9 | 222.4 | 223.4 | 224.2 | 224.1 |
| 180° | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 | 223.0 |



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CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|--------|--------|
| 0° | 464.6 | 464.6 |
| 2.5° | 496.0 | 493.0 |
| 5° | 637.9 | 640.9 |
| 7.5° | 859.0 | 857.6 |
| 10° | 1068.2 | 1081.7 |
| 12.5° | 1220.7 | 1223.7 |
| 15° | 1313.3 | 1319.3 |
| 17.5° | 1349.2 | 1350.7 |
| 20° | 1350.7 | 1347.7 |
| 22.5° | 1334.2 | 1331.3 |
| 25° | 1314.8 | 1313.3 |
| 27.5° | 1296.9 | 1298.4 |
| 30° | 1289.4 | 1293.9 |
| 32.5° | 1289.4 | 1296.9 |
| 35° | 1292.4 | 1299.9 |
| 37.5° | 1290.9 | 1299.9 |
| 40° | 1284.9 | 1295.4 |
| 42.5° | 1268.5 | 1276.0 |
| 45° | 1243.1 | 1252.1 |
| 47.5° | 1210.2 | 1216.2 |
| 50° | 1168.4 | 1174.4 |
| 52.5° | 1116.0 | 1117.5 |
| 55° | 1053.3 | 1059.2 |
| 57.5° | 986.0 | 987.5 |
| 60° | 911.3 | 915.8 |
| 62.5° | 832.2 | 832.2 |
| 65° | 748.5 | 751.5 |
| 67.5° | 661.8 | 669.3 |
| 70° | 573.7 | 575.2 |
| 72.5° | 487.0 | 487.0 |
| 75° | 397.4 | 398.9 |
| 77.5° | 312.2 | 312.2 |
| 80° | 231.6 | 233.1 |
| 82.5° | 159.9 | 162.8 |
| 85° | 100.1 | 100.1 |
| 87.5° | 46.3 | 41.8 |
| 90° | 5.7 | 5.7 |
| 92.5° | 22.7 | 18.2 |
| 95° | 79.4 | 65.7 |
| 97.5° | 190.2 | 164.1 |
| 100° | 274.1 | 243.0 |
| 102.5° | 356.6 | 330.0 |
| 105° | 461.7 | 447.4 |
| 107.5° | 530.6 | 534.1 |
| 110° | 556.9 | 571.8 |



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CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

| | 80° | 90° |
|--------|-------|-------|
| 112.5° | 559.2 | 582.1 |
| 115° | 544.3 | 576.1 |
| 117.5° | 512.9 | 548.1 |
| 120° | 487.6 | 521.8 |
| 122.5° | 462.9 | 496.6 |
| 125° | 427.7 | 458.8 |
| 127.5° | 396.1 | 422.3 |
| 130° | 377.4 | 401.6 |
| 132.5° | 360.5 | 382.2 |
| 135° | 337.2 | 356.0 |
| 137.5° | 318.7 | 334.0 |
| 140° | 305.9 | 320.2 |
| 142.5° | 295.3 | 307.7 |
| 145° | 279.5 | 288.8 |
| 147.5° | 267.3 | 275.0 |
| 150° | 259.7 | 265.9 |
| 152.5° | 253.1 | 257.9 |
| 155° | 245.5 | 248.7 |
| 157.5° | 239.6 | 241.8 |
| 160° | 236.1 | 237.3 |
| 162.5° | 233.8 | 235.0 |
| 165° | 230.4 | 231.7 |
| 167.5° | 228.0 | 228.5 |
| 170° | 227.3 | 227.3 |
| 172.5° | 225.5 | 225.1 |
| 175° | 224.5 | 224.5 |
| 177.5° | 223.5 | 223.0 |
| 180° | 223.0 | 223.0 |



TEST NUMBER: P936387

CATALOG NUMBER: SQ4-FB-025U-075D-B2750-1D-UNV-STD-W-6-2700K

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 | 6.41 | 7.56 | 7.15 | 8.33 | 9.26 | 19.57 | 20.73 | 20.32 | 21.50 | 22.42 |
| | 3H | 7.14 | 8.18 | 7.89 | 8.96 | 9.91 | 21.43 | 22.47 | 22.18 | 23.25 | 24.21 |
| | 4H | 7.45 | 8.43 | 8.22 | 9.22 | 10.19 | 22.08 | 23.07 | 22.86 | 23.86 | 24.83 |
| | 6H | 7.71 | 8.62 | 8.50 | 9.42 | 10.40 | 22.53 | 23.44 | 23.31 | 24.23 | 25.22 |
| | 8H | 7.79 | 8.66 | 8.59 | 9.48 | 10.46 | 22.65 | 23.52 | 23.45 | 24.34 | 25.32 |
| | 12H | 7.82 | 8.65 | 8.62 | 9.46 | 10.47 | 22.73 | 23.56 | 23.53 | 24.37 | 25.38 |
| 4H | 2H | 13.65 | 14.64 | 14.43 | 15.42 | 16.39 | 19.88 | 20.87 | 20.66 | 21.66 | 22.62 |
| | 3H | 15.25 | 16.07 | 16.03 | 16.89 | 17.88 | 21.95 | 22.78 | 22.74 | 23.60 | 24.59 |
| | 4H | 15.35 | 16.11 | 16.16 | 16.93 | 17.94 | 22.73 | 23.48 | 23.53 | 24.30 | 25.32 |
| | 6H | 15.38 | 16.04 | 16.20 | 16.88 | 17.90 | 23.28 | 23.93 | 24.10 | 24.78 | 25.80 |
| | 8H | 15.37 | 15.98 | 16.19 | 16.82 | 17.85 | 23.45 | 24.06 | 24.27 | 24.90 | 25.93 |
| | 12H | 15.34 | 15.89 | 16.18 | 16.75 | 17.79 | 23.55 | 24.11 | 24.40 | 24.97 | 26.01 |
| 8H | 4H | 16.82 | 17.43 | 17.64 | 18.27 | 19.31 | 22.81 | 23.42 | 23.64 | 24.27 | 25.30 |
| | 6H | 17.08 | 17.59 | 17.93 | 18.47 | 19.50 | 23.45 | 23.96 | 24.30 | 24.84 | 25.88 |
| | 8H | 17.10 | 17.55 | 17.96 | 18.43 | 19.48 | 23.67 | 24.13 | 24.54 | 25.00 | 26.05 |
| | 12H | 17.08 | 17.48 | 17.95 | 18.35 | 19.45 | 23.83 | 24.23 | 24.70 | 25.10 | 26.20 |
| 12H | 4H | 16.98 | 17.53 | 17.82 | 18.39 | 19.43 | 22.78 | 23.33 | 23.63 | 24.20 | 25.23 |
| | 6H | 17.34 | 17.79 | 18.20 | 18.67 | 19.72 | 23.44 | 23.89 | 24.30 | 24.77 | 25.82 |
| | 8H | 17.42 | 17.82 | 18.29 | 18.69 | 19.79 | 23.68 | 24.08 | 24.55 | 24.95 | 26.05 |