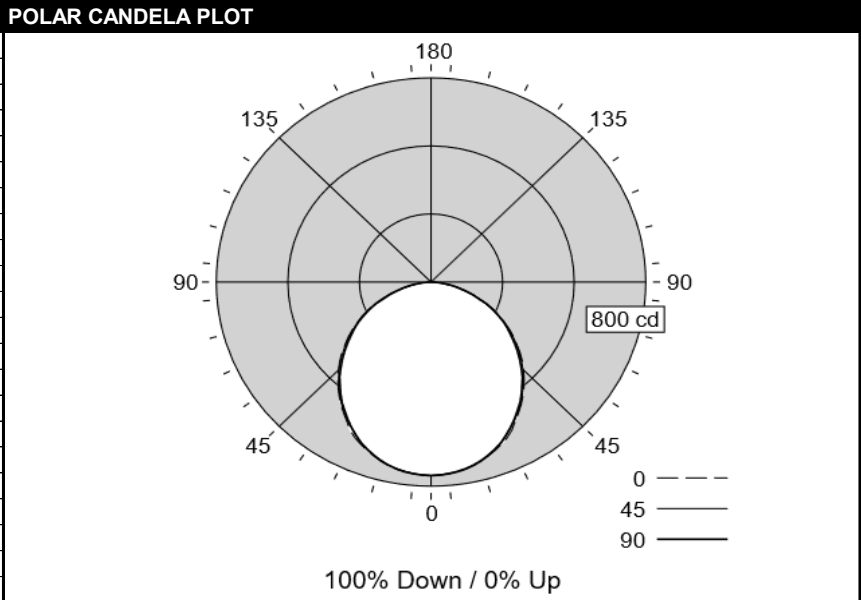


# LEDALITE - TG SUSPENDED/SURFACE/WALL MICRO

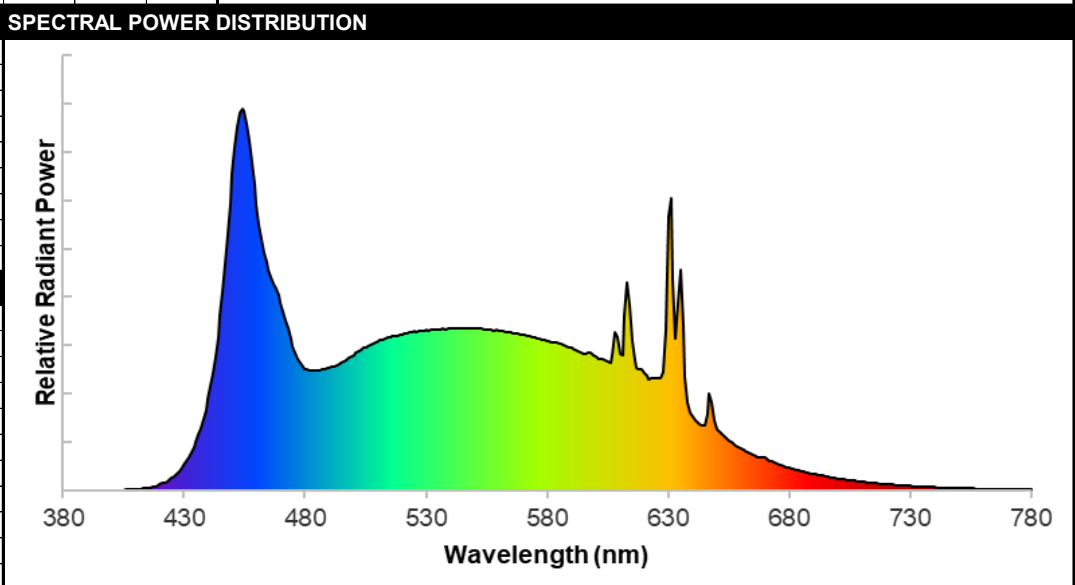
|                                |              |                                      |                         |
|--------------------------------|--------------|--------------------------------------|-------------------------|
| <b>TEST DATE:</b>              | 10 Jun 2022  | <b>CATALOG NO:</b>                   | TMx1L9T2LNNNN20NNN-65   |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | SILK 2000LM DOWN TW-65  |
| <b>No. of Lamps:</b>           | 192          |                                      |                         |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 2103 lm 100%            |
| <b>Input Watts:</b>            | 277 VAC 19.4 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 100% Down / 0% Up 108.1 |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG08891                |

| CANDELA DISTRIBUTION |     |      |     |      |     | Flux   |
|----------------------|-----|------|-----|------|-----|--------|
|                      | 0   | 22.5 | 45  | 67.5 | 90  | Lumens |
| 0                    | 759 | 759  | 759 | 759  | 759 |        |
| 5                    | 754 | 754  | 754 | 756  | 754 | 72     |
| 15                   | 724 | 726  | 727 | 729  | 724 | 205    |
| 25                   | 673 | 672  | 663 | 671  | 662 | 308    |
| 35                   | 586 | 594  | 582 | 589  | 578 | 367    |
| 45                   | 488 | 497  | 484 | 484  | 476 | 376    |
| 55                   | 377 | 385  | 373 | 379  | 363 | 337    |
| 65                   | 257 | 264  | 254 | 259  | 253 | 255    |
| 75                   | 135 | 142  | 133 | 140  | 128 | 145    |
| 85                   | 33  | 35   | 32  | 38   | 32  | 40     |
| 90                   | 0   | 0    | 0   | 0    | 0   |        |
| 95                   | 0   | 0    | 0   | 0    | 0   | 0      |
| 105                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 115                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 125                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 135                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 145                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 155                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 165                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 175                  | 0   | 0    | 0   | 0    | 0   | 0      |
| 180                  | 0   | 0    | 0   | 0    | 0   |        |



| CHARACTERISTICS   |   |        |       |        |  | COEFFICIENTS OF UTILIZATION (%)      |     |     |     |     |     |     |     |     |     |     |     |
|---|---|--------|-------|--------|--|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RP1   | Meets RP-1-12 recommendations for VDT-Normal spaces |        |       |        |  | Pc---                                | 80  |     |     |     | 70  |     |     | 50  |     |     | 0   |
| Direct: Peak Candela & Angle (0°)   | 758.6 0.0   |        |       |        |  | Pw---                                | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   |
| Direct: Peak Candela & Angle (90°)  | 758.6 0.0   |        |       |        |  | RCR                                  |     |     |     |     |     |     |     |     |     |     |     |
| Spacing Criteria (0°, 90°, 180°)  | 1.23  | 1.22   | N/A   |        |  | 0                                    | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |
| Beam (H, V), Field (H, V)   | 107.1   | 109.5  | 160.9 | 161.6  |  | 1                                    | 109 | 104 | 100 | 96  | 106 | 102 | 98  | 97  | 94  | 91  | 84  |
| Indirect: Peak Candela & Angle(°)   | N/A N/A   |        |       |        |  | 2                                    | 99  | 91  | 84  | 78  | 96  | 89  | 82  | 85  | 80  | 75  | 70  |
| Indirect: Zenith Candela, Peak to Zenith  | N/A N/A   |        |       |        |  | 3                                    | 90  | 80  | 71  | 65  | 88  | 78  | 70  | 75  | 68  | 63  | 59  |
| Luminous Width, Length, Height (ft)   | 0.15  | 4.00   | 0.00  |        |  | 4                                    | 83  | 70  | 62  | 55  | 80  | 69  | 61  | 67  | 59  | 54  | 50  |
| DLC, UGR (4H x 8H, 1.0H), MDER  | N/A   | 25.0   | 0.967 |        |  | 5                                    | 76  | 63  | 54  | 47  | 74  | 62  | 53  | 60  | 52  | 47  | 43  |
| x, y, CCT, D <sub>uv</sub>  | 0.3137  | 0.3302 | 6444  | 0.0033 |  | 6                                    | 70  | 57  | 48  | 41  | 68  | 56  | 47  | 54  | 46  | 41  | 38  |
| CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>                     | 92  | 62     | 95    | 92     |  | 7                                    | 65  | 51  | 43  | 37  | 63  | 51  | 42  | 49  | 42  | 36  | 34  |
| TM-30-18 R <sub>f</sub> , R <sub>h</sub> , R <sub>a</sub> , R <sub>g</sub> , R <sub>h</sub> | 87  | 85     | 96    | -6%    |  | 8                                    | 61  | 47  | 38  | 33  | 59  | 46  | 38  | 45  | 38  | 32  | 30  |
| 120V: P(W), I(A), THD(%), PF  | 19.1  | 0.162  | 11.8  | 0.981  |  | 9                                    | 57  | 43  | 35  | 29  | 55  | 43  | 35  | 41  | 34  | 29  | 27  |
| 277V: P(W), I(A), THD(%), PF  | 19.4  | 0.083  | 16.1  | 0.847  |  | 10                                   | 53  | 40  | 32  | 27  | 52  | 39  | 32  | 38  | 31  | 26  | 24  |
| 347V: P(W), I(A), THD(%), PF  | 0.0   | 0.000  | 0.0   | 0.000  |  | *Based on a floor reflectance of 0.2 |     |     |     |     |     |     |     |     |     |     |     |

| ZONAL LUMENS (lm) |        |          |        |
|-------------------|--------|----------|--------|
| Zone              | Lumens | %Fixture | %Lamp  |
| 0-30              | 584    | 27.8%    | 27.8%  |
| 0-40              | 951    | 45.2%    | 45.2%  |
| 0-60              | 1663   | 79.1%    | 79.1%  |
| 0-90              | 2103   | 100.0%   | 100.0% |
| 90-130            | 0      | 0.0%     | 0.0%   |
| 90-150            | 0      | 0.0%     | 0.0%   |
| 90-180            | 0      | 0.0%     | 0.0%   |
| 0-180             | 2103   | 100.0%   | 100.0% |

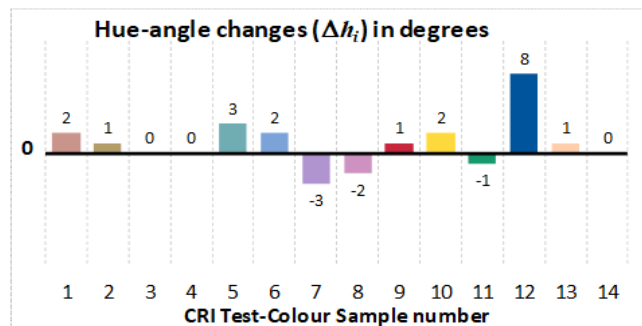
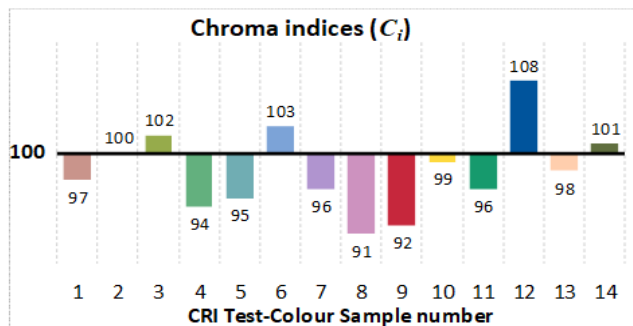
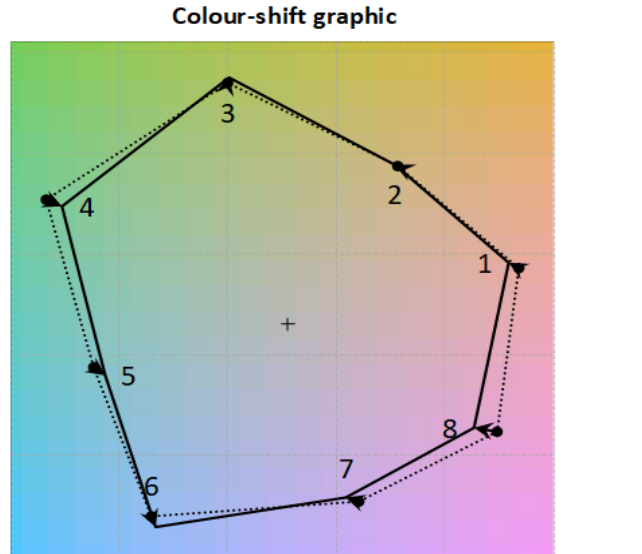
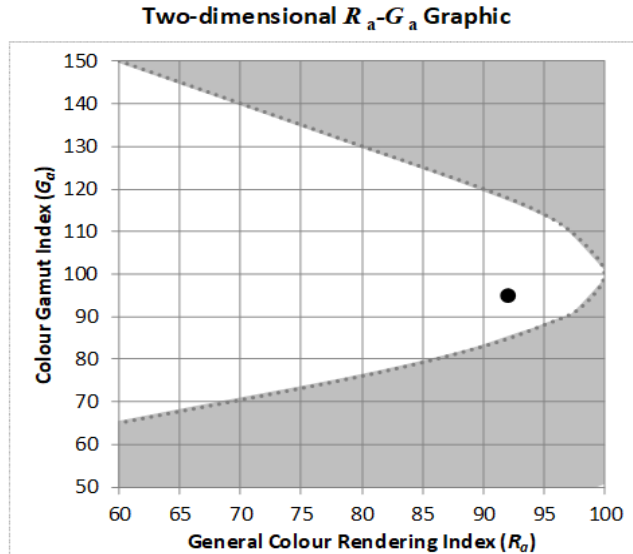
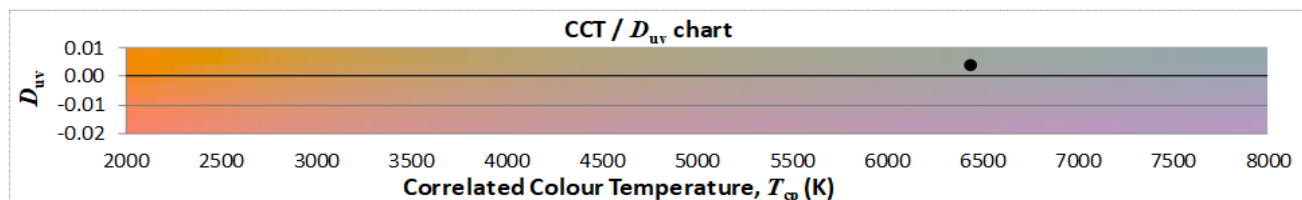
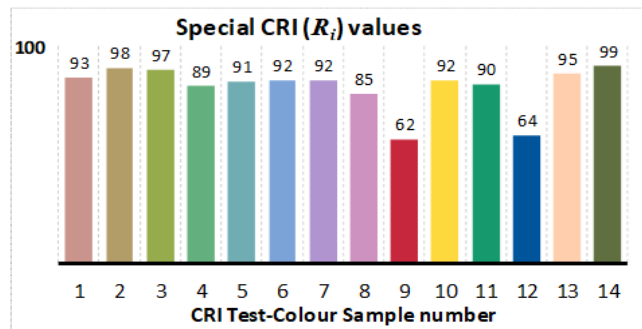
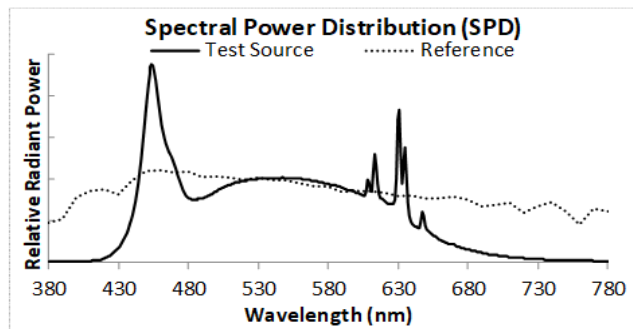


| AVG LUMINANCE (cd/m <sup>2</sup> ) |       |       |       |
|------------------------------------|-------|-------|-------|
|                                    | 0     | 45    | 90    |
| 0                                  | 13604 | 13604 | 13604 |
| 5                                  | 13573 | 13564 | 13577 |
| 15                                 | 13447 | 13488 | 13436 |
| 25                                 | 13309 | 13125 | 13093 |
| 35                                 | 12820 | 12739 | 12647 |
| 45                                 | 12364 | 12285 | 12059 |
| 55                                 | 11772 | 11650 | 11349 |
| 65                                 | 10910 | 10778 | 10727 |
| 75                                 | 9375  | 9209  | 8862  |
| 85                                 | 6790  | 6646  | 6626  |

# Output of GLA Calculation Tool for CIE 13.3 CRI and Associated CRI-based Colour Rendition Properties

|              |               |               |                           |
|--------------|---------------|---------------|---------------------------|
| Test Number: | TGSM TW 6500K | Manufacturer: | Ledalite by Signify       |
| Date:        | 1 Jun 2022    | Model:        | TruGroove Suspended Micro |

|   |        |                                       |        |
|---|--------|---------------------------------------|--------|
| Correlated Colour Temperature ( $T_{cp}$ ) in K | 6444   | CIE1931 chromaticity coordinate, $x$  | 0.3137 |
| Distance to Blackbody Locus ( $D_{uv}$ )        | 0.0033 | CIE1931 chromaticity coordinate, $y$  | 0.3302 |
| General Colour Rendering Index ( $R_a$ )        | 92     | CIE1976 chromaticity coordinate, $u'$ | 0.1981 |
| Red Rendering Index ( $R_9$ )                   | 62     | CIE1976 chromaticity coordinate, $v'$ | 0.4691 |
| Colour Gamut Index ( $G_a$ )                    | 95     |                                       |        |
| Red Chroma Index ( $C_9$ )                      | 92     |                                       |        |



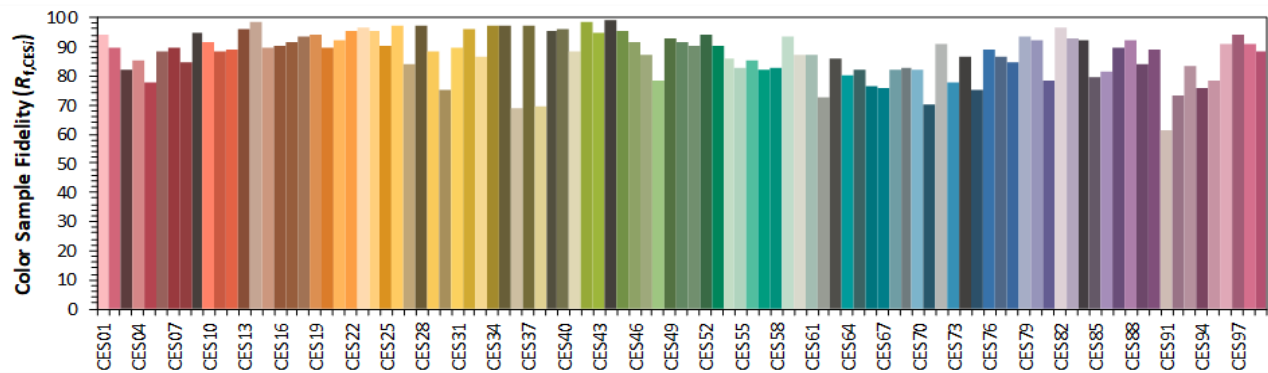
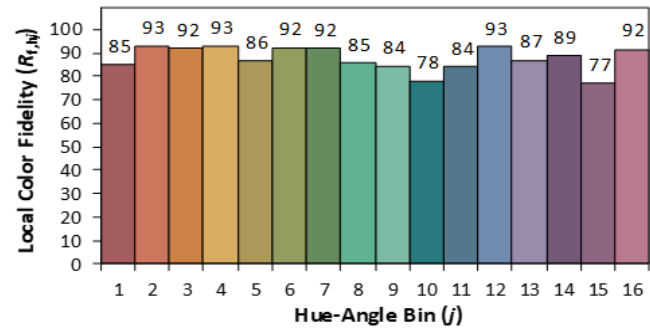
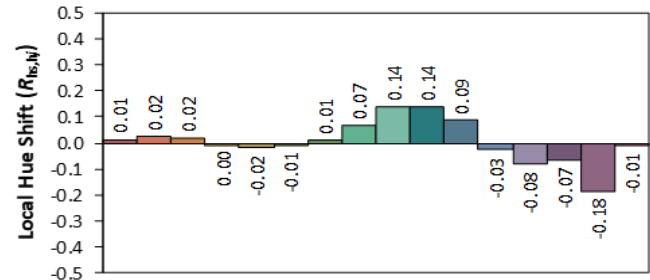
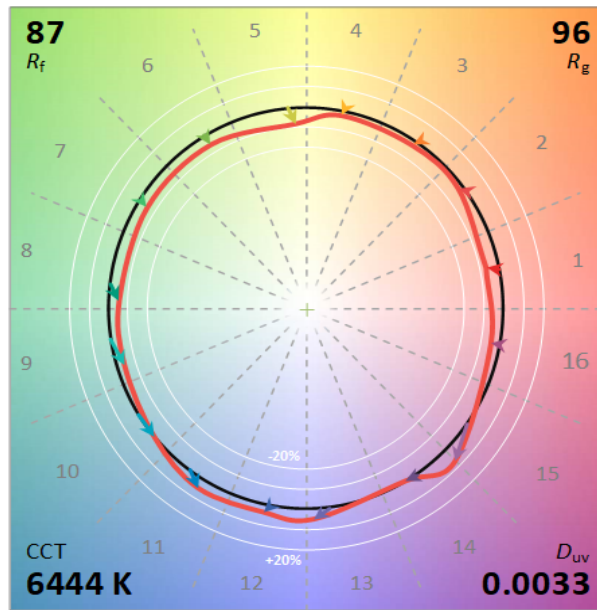
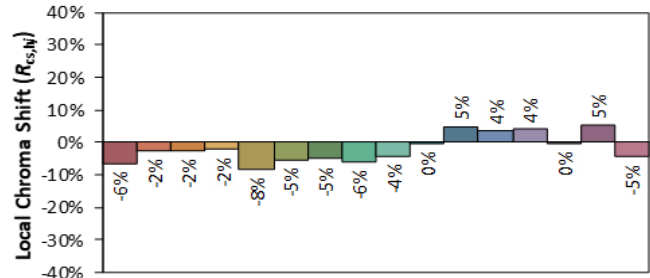
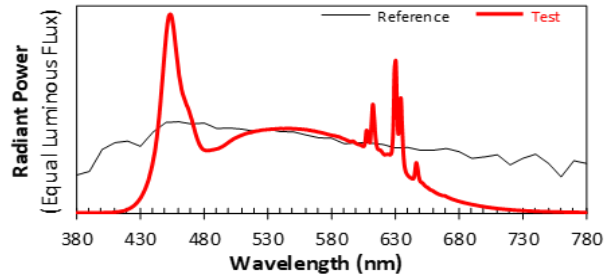
# ANSI/IES TM-30-18 Color Rendition Report

Source: TGSM TW 6500K

Manufacturer: Ledalite by Signify

Date: 01 Jun 2022

Model: TruGroove Suspended Micro



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

$x$  0.3137

$y$  0.3302

$u'$  0.1981

$v'$  0.4691

| SPECTRAL POWER DISTRIBUTION |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |
|-----------------------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| λ (nm)                      | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     | λ (nm) | SPD     |
| 380                         | 0.00010 | 425    | 0.00270 | 470    | 0.03870 | 515    | 0.03170 | 560    | 0.03300 | 605    | 0.02660 | 650    | 0.01280 | 695    | 0.00300 | 740    | 0.00070 |
| 381                         | 0.00010 | 426    | 0.00310 | 471    | 0.03700 | 516    | 0.03180 | 561    | 0.03300 | 606    | 0.02650 | 651    | 0.01220 | 696    | 0.00290 | 741    | 0.00070 |
| 382                         | 0.00010 | 427    | 0.00350 | 472    | 0.03510 | 517    | 0.03200 | 562    | 0.03290 | 607    | 0.02810 | 652    | 0.01190 | 697    | 0.00280 | 742    | 0.00070 |
| 383                         | 0.00010 | 428    | 0.00410 | 473    | 0.03340 | 518    | 0.03200 | 563    | 0.03280 | 608    | 0.03270 | 653    | 0.01140 | 698    | 0.00270 | 743    | 0.00070 |
| 384                         | 0.00010 | 429    | 0.00470 | 474    | 0.03150 | 519    | 0.03230 | 564    | 0.03280 | 609    | 0.03180 | 654    | 0.01080 | 699    | 0.00260 | 744    | 0.00060 |
| 385                         | 0.00010 | 430    | 0.00540 | 475    | 0.02990 | 520    | 0.03230 | 565    | 0.03270 | 610    | 0.02830 | 655    | 0.01040 | 700    | 0.00250 | 745    | 0.00060 |
| 386                         | 0.00010 | 431    | 0.00610 | 476    | 0.02850 | 521    | 0.03250 | 566    | 0.03260 | 611    | 0.02800 | 656    | 0.01010 | 701    | 0.00250 | 746    | 0.00060 |
| 387                         | 0.00010 | 432    | 0.00700 | 477    | 0.02730 | 522    | 0.03250 | 567    | 0.03250 | 612    | 0.03600 | 657    | 0.00970 | 702    | 0.00240 | 747    | 0.00060 |
| 388                         | 0.00010 | 433    | 0.00790 | 478    | 0.02640 | 523    | 0.03260 | 568    | 0.03240 | 613    | 0.04310 | 658    | 0.00930 | 703    | 0.00230 | 748    | 0.00060 |
| 389                         | 0.00010 | 434    | 0.00900 | 479    | 0.02560 | 524    | 0.03270 | 569    | 0.03230 | 614    | 0.03830 | 659    | 0.00900 | 704    | 0.00220 | 749    | 0.00050 |
| 390                         | 0.00010 | 435    | 0.01010 | 480    | 0.02520 | 525    | 0.03290 | 570    | 0.03220 | 615    | 0.03090 | 660    | 0.00890 | 705    | 0.00220 | 750    | 0.00050 |
| 391                         | 0.00010 | 436    | 0.01150 | 481    | 0.02500 | 526    | 0.03290 | 571    | 0.03210 | 616    | 0.02680 | 661    | 0.00850 | 706    | 0.00210 | 751    | 0.00050 |
| 392                         | 0.00010 | 437    | 0.01300 | 482    | 0.02480 | 527    | 0.03300 | 572    | 0.03200 | 617    | 0.02530 | 662    | 0.00820 | 707    | 0.00200 | 752    | 0.00050 |
| 393                         | 0.00010 | 438    | 0.01480 | 483    | 0.02470 | 528    | 0.03300 | 573    | 0.03180 | 618    | 0.02500 | 663    | 0.00790 | 708    | 0.00200 | 753    | 0.00050 |
| 394                         | 0.00010 | 439    | 0.01670 | 484    | 0.02490 | 529    | 0.03300 | 574    | 0.03180 | 619    | 0.02500 | 664    | 0.00760 | 709    | 0.00190 | 754    | 0.00050 |
| 395                         | 0.00010 | 440    | 0.01890 | 485    | 0.02480 | 530    | 0.03320 | 575    | 0.03160 | 620    | 0.02430 | 665    | 0.00740 | 710    | 0.00180 | 755    | 0.00050 |
| 396                         | 0.00010 | 441    | 0.02160 | 486    | 0.02500 | 531    | 0.03310 | 576    | 0.03150 | 621    | 0.02370 | 666    | 0.00720 | 711    | 0.00180 | 756    | 0.00040 |
| 397                         | 0.00010 | 442    | 0.02430 | 487    | 0.02500 | 532    | 0.03320 | 577    | 0.03130 | 622    | 0.02310 | 667    | 0.00700 | 712    | 0.00170 | 757    | 0.00040 |
| 398                         | 0.00010 | 443    | 0.02770 | 488    | 0.02510 | 533    | 0.03330 | 578    | 0.03120 | 623    | 0.02310 | 668    | 0.00690 | 713    | 0.00170 | 758    | 0.00040 |
| 399                         | 0.00010 | 444    | 0.03160 | 489    | 0.02520 | 534    | 0.03330 | 579    | 0.03110 | 624    | 0.02330 | 669    | 0.00690 | 714    | 0.00160 | 759    | 0.00040 |
| 400                         | 0.00010 | 445    | 0.03620 | 490    | 0.02540 | 535    | 0.03320 | 580    | 0.03090 | 625    | 0.02330 | 670    | 0.00680 | 715    | 0.00160 | 760    | 0.00040 |
| 401                         | 0.00010 | 446    | 0.04120 | 491    | 0.02550 | 536    | 0.03330 | 581    | 0.03080 | 626    | 0.02320 | 671    | 0.00650 | 716    | 0.00150 | 761    | 0.00040 |
| 402                         | 0.00010 | 447    | 0.04710 | 492    | 0.02560 | 537    | 0.03340 | 582    | 0.03070 | 627    | 0.02310 | 672    | 0.00620 | 717    | 0.00150 | 762    | 0.00040 |
| 403                         | 0.00010 | 448    | 0.05310 | 493    | 0.02590 | 538    | 0.03340 | 583    | 0.03070 | 628    | 0.02460 | 673    | 0.00600 | 718    | 0.00140 | 763    | 0.00040 |
| 404                         | 0.00020 | 449    | 0.05940 | 494    | 0.02610 | 539    | 0.03340 | 584    | 0.03050 | 629    | 0.03320 | 674    | 0.00580 | 719    | 0.00140 | 764    | 0.00030 |
| 405                         | 0.00020 | 450    | 0.06550 | 495    | 0.02630 | 540    | 0.03350 | 585    | 0.03040 | 630    | 0.05680 | 675    | 0.00560 | 720    | 0.00140 | 765    | 0.00030 |
| 406                         | 0.00020 | 451    | 0.07090 | 496    | 0.02670 | 541    | 0.03350 | 586    | 0.03030 | 631    | 0.06040 | 676    | 0.00540 | 721    | 0.00130 | 766    | 0.00030 |
| 407                         | 0.00020 | 452    | 0.07520 | 497    | 0.02700 | 542    | 0.03350 | 587    | 0.03010 | 632    | 0.04360 | 677    | 0.00520 | 722    | 0.00120 | 767    | 0.00030 |
| 408                         | 0.00020 | 453    | 0.07800 | 498    | 0.02730 | 543    | 0.03350 | 588    | 0.02990 | 633    | 0.03130 | 678    | 0.00500 | 723    | 0.00120 | 768    | 0.00030 |
| 409                         | 0.00030 | 454    | 0.07890 | 499    | 0.02770 | 544    | 0.03350 | 589    | 0.02960 | 634    | 0.03880 | 679    | 0.00490 | 724    | 0.00120 | 769    | 0.00030 |
| 410                         | 0.00030 | 455    | 0.07840 | 500    | 0.02810 | 545    | 0.03350 | 590    | 0.02950 | 635    | 0.04570 | 680    | 0.00470 | 725    | 0.00110 | 770    | 0.00030 |
| 411                         | 0.00030 | 456    | 0.07570 | 501    | 0.02850 | 546    | 0.03350 | 591    | 0.02930 | 636    | 0.03410 | 681    | 0.00460 | 726    | 0.00110 | 771    | 0.00030 |
| 412                         | 0.00040 | 457    | 0.07220 | 502    | 0.02880 | 547    | 0.03360 | 592    | 0.02900 | 637    | 0.02340 | 682    | 0.00440 | 727    | 0.00110 | 772    | 0.00030 |
| 413                         | 0.00040 | 458    | 0.06780 | 503    | 0.02910 | 548    | 0.03350 | 593    | 0.02880 | 638    | 0.01830 | 683    | 0.00430 | 728    | 0.00100 | 773    | 0.00030 |
| 414                         | 0.00050 | 459    | 0.06340 | 504    | 0.02950 | 549    | 0.03350 | 594    | 0.02860 | 639    | 0.01620 | 684    | 0.00420 | 729    | 0.00100 | 774    | 0.00020 |
| 415                         | 0.00060 | 460    | 0.05910 | 505    | 0.02970 | 550    | 0.03340 | 595    | 0.02840 | 640    | 0.01520 | 685    | 0.00410 | 730    | 0.00100 | 775    | 0.00030 |
| 416                         | 0.00070 | 461    | 0.05480 | 506    | 0.02990 | 551    | 0.03350 | 596    | 0.02830 | 641    | 0.01460 | 686    | 0.00390 | 731    | 0.00090 | 776    | 0.00020 |
| 417                         | 0.00080 | 462    | 0.05200 | 507    | 0.03020 | 552    | 0.03340 | 597    | 0.02850 | 642    | 0.01420 | 687    | 0.00380 | 732    | 0.00090 | 777    | 0.00020 |
| 418                         | 0.00090 | 463    | 0.04910 | 508    | 0.03040 | 553    | 0.03340 | 598    | 0.02840 | 643    | 0.01390 | 688    | 0.00370 | 733    | 0.00090 | 778    | 0.00020 |
| 419                         | 0.00110 | 464    | 0.04720 | 509    | 0.03060 | 554    | 0.03340 | 599    | 0.02790 | 644    | 0.01360 | 689    | 0.00360 | 734    | 0.00090 | 779    | 0.00020 |
| 420                         | 0.00130 | 465    | 0.04560 | 510    | 0.03080 | 555    | 0.03330 | 600    | 0.02760 | 645    | 0.01360 | 690    | 0.00350 | 735    | 0.00080 | 780    | 0.00020 |
| 421                         | 0.00150 | 466    | 0.04420 | 511    | 0.03100 | 556    | 0.03330 | 601    | 0.02730 | 646    | 0.01590 | 691    | 0.00340 | 736    | 0.00080 |        |         |
| 422                         | 0.00170 | 467    | 0.04280 | 512    | 0.03120 | 557    | 0.03330 | 602    | 0.02720 | 647    | 0.01990 | 692    | 0.00330 | 737    | 0.00080 |        |         |
| 423                         | 0.00200 | 468    | 0.04170 | 513    | 0.03140 | 558    | 0.03310 | 603    | 0.02710 | 648    | 0.01810 | 693    | 0.00320 | 738    | 0.00070 |        |         |
| 424                         | 0.00230 | 469    | 0.04030 | 514    | 0.03160 | 559    | 0.03320 | 604    | 0.02680 | 649    | 0.01460 | 694    | 0.00310 | 739    | 0.00070 |        |         |

| UNIFIED GLARE RATING |      |                      |      |      |      |      |                    |      |      |      |      |
|----------------------|------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| Reflectances         |      |                      |      |      |      |      |                    |      |      |      |      |
| Ceiling Cavity       |      | 70                   | 70   | 50   | 50   | 30   | 70                 | 70   | 50   | 50   | 30   |
| Walls                |      | 50                   | 30   | 50   | 30   | 30   | 50                 | 30   | 50   | 30   | 30   |
| Floor Cavity         |      | 20                   | 20   | 20   | 20   | 20   | 20                 | 20   | 20   | 20   | 20   |
| Room Size            |      | UGR Viewed Crosswise |      |      |      |      | UGR Viewed Endwise |      |      |      |      |
| X=2H                 | Y=2H | 20.8                 | 22.5 | 21.2 | 22.8 | 23.1 | 20.7               | 22.3 | 21.1 | 22.6 | 23.0 |
|                      | 3H   | 22.6                 | 24.1 | 23.0 | 24.4 | 24.8 | 22.5               | 23.9 | 22.8 | 24.3 | 24.6 |
|                      | 4H   | 23.3                 | 24.7 | 23.7 | 25.0 | 25.4 | 23.1               | 24.5 | 23.5 | 24.8 | 25.2 |
|                      | 6H   | 23.7                 | 25.0 | 24.1 | 25.4 | 25.8 | 23.5               | 24.8 | 24.0 | 25.2 | 25.6 |
|                      | 8H   | 23.8                 | 25.1 | 24.3 | 25.5 | 25.9 | 23.7               | 24.9 | 24.1 | 25.3 | 25.7 |
|                      | 12H  | 23.9                 | 25.1 | 24.3 | 25.5 | 25.9 | 23.8               | 25.0 | 24.2 | 25.3 | 25.8 |
| 4H                   | 2H   | 21.4                 | 22.8 | 21.8 | 23.2 | 23.5 | 21.3               | 22.7 | 21.7 | 23.1 | 23.4 |
|                      | 3H   | 23.5                 | 24.6 | 23.9 | 25.0 | 25.4 | 23.3               | 24.5 | 23.7 | 24.9 | 25.3 |
|                      | 4H   | 24.2                 | 25.3 | 24.7 | 25.7 | 26.2 | 24.1               | 25.1 | 24.5 | 25.6 | 26.0 |
|                      | 6H   | 24.8                 | 25.8 | 25.3 | 26.2 | 26.7 | 24.7               | 25.6 | 25.1 | 26.1 | 26.5 |
|                      | 8H   | 25.0                 | 25.9 | 25.5 | 26.3 | 26.8 | 24.9               | 25.7 | 25.3 | 26.2 | 26.7 |
|                      | 12H  | 25.1                 | 25.9 | 25.6 | 26.4 | 26.9 | 25.0               | 25.8 | 25.5 | 26.3 | 26.7 |
| 8H                   | 4H   | 24.5                 | 25.4 | 25.0 | 25.8 | 26.3 | 24.4               | 25.3 | 24.8 | 25.7 | 26.2 |
|                      | 6H   | 25.2                 | 26.0 | 25.7 | 26.5 | 26.9 | 25.1               | 25.8 | 25.6 | 26.3 | 26.8 |
|                      | 8H   | 25.5                 | 26.2 | 26.0 | 26.7 | 27.1 | 25.4               | 26.0 | 25.9 | 26.5 | 27.0 |
|                      | 12H  | 25.7                 | 26.3 | 26.2 | 26.8 | 27.3 | 25.6               | 26.2 | 26.1 | 26.7 | 27.2 |
| 12H                  | 4H   | 24.6                 | 25.3 | 25.1 | 25.8 | 26.3 | 24.4               | 25.2 | 24.9 | 25.7 | 26.2 |
|                      | 6H   | 25.3                 | 26.0 | 25.8 | 26.4 | 27.0 | 25.2               | 25.8 | 25.7 | 26.3 | 26.8 |
|                      | 8H   | 25.6                 | 26.2 | 26.1 | 26.7 | 27.2 | 25.5               | 26.1 | 26.0 | 26.6 | 27.1 |

The UGR values have been calculated according to CIE Publ. 117.

Spacing-to-Height-Ratio = 1.00.

The highlighted value refers to the UGR value which the luminaire would have in a reference situation with room dimensions of 4H/8H and degrees of reflectance of 20% for the floor, 50% for the walls and 70% for the ceiling, as recommended by DLC.

The UGR value may vary depending on application specific parameters.