

# LEDALITE - TRUGROOVE RECESSED

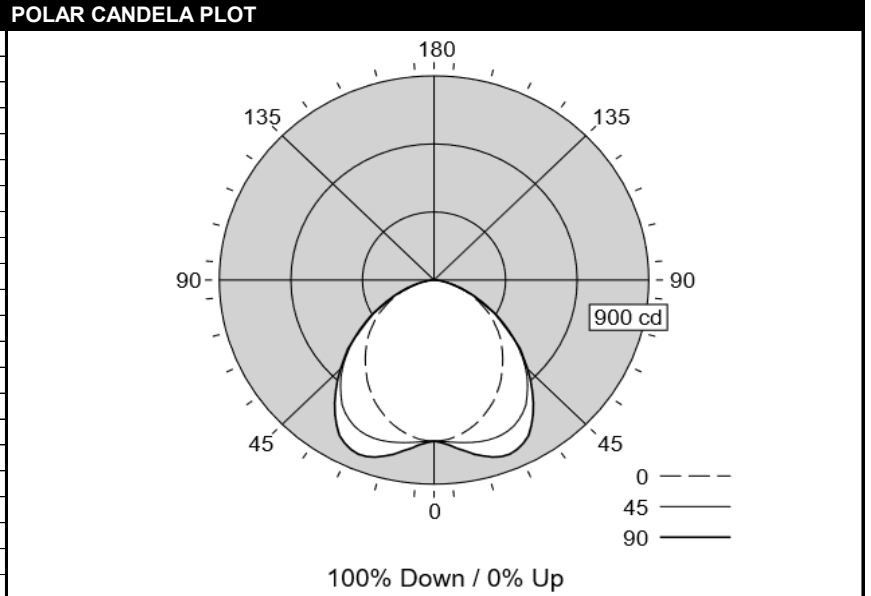


by @ignify

TEST DATE: 03 Jun 2021 CATALOG NO: 3901L92722Qxx04

|                         |              |                               |                        |
|-------------------------|--------------|-------------------------------|------------------------|
| Lamp Type:              | LED          | Description:                  | 2200LM FLUSH MESO 927  |
| No. of Lamps:           | 88           |                               |                        |
| Rated Lamp Lumens:      | -1           | Flux (lm), Efficiency (%):    | 2066 lm 100%           |
| Input Watts:            | 277 VAC 22.0 | Up/Dn Ratio, Efficacy (lm/W): | 100% Down / 0% Up 93.9 |
| CIE-IES Classification: | Direct       | Report:                       | LNG02278               |

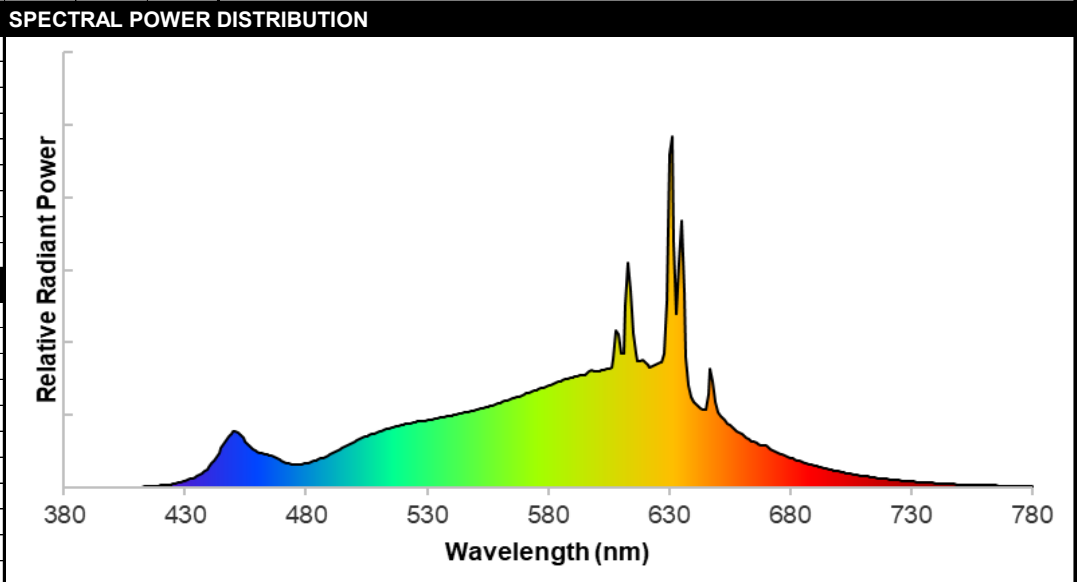
| CANDELA DISTRIBUTION |     |      |     |      |     | Flux   |
|----------------------|-----|------|-----|------|-----|--------|
|                      | 0   | 22.5 | 45  | 67.5 | 90  | Lumens |
| 0                    | 710 | 710  | 710 | 710  | 710 |        |
| 5                    | 705 | 709  | 717 | 722  | 730 | 69     |
| 15                   | 661 | 685  | 738 | 783  | 803 | 208    |
| 25                   | 590 | 639  | 734 | 809  | 824 | 332    |
| 35                   | 495 | 561  | 672 | 734  | 724 | 402    |
| 45                   | 399 | 463  | 541 | 578  | 554 | 396    |
| 55                   | 300 | 342  | 381 | 403  | 369 | 326    |
| 65                   | 189 | 212  | 220 | 225  | 205 | 212    |
| 75                   | 81  | 93   | 91  | 98   | 87  | 99     |
| 85                   | 13  | 18   | 17  | 20   | 17  | 22     |
| 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°)                                                             |                                                     |        |       |         |  | Pw---                                | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   |
| Direct: Peak Candela & Angle (90°)                                                            |                                                     |        |       |         |  | RCR                                  |     |     |     |     |     |     |     |     |     |     |     |
| Spacing Criteria (0°, 90°, 180°)                                                              | 1.15                                                | 1.50   | N/A   |         |  | 0                                    | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |
| Beam (H, V), Field (H, V)                                                                     | 105.0                                               | 93.1   | 151.1 | 149.9   |  | 1                                    | 110 | 105 | 101 | 98  | 107 | 103 | 99  | 99  | 96  | 93  | 86  |
| Indirect: Peak Candela & Angle(°)                                                             |                                                     |        | N/A   | N/A     |  | 2                                    | 100 | 92  | 86  | 81  | 98  | 91  | 85  | 87  | 82  | 78  | 72  |
| Indirect: Zenith Candela, Peak to Zenith                                                      |                                                     |        | N/A   | N/A     |  | 3                                    | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 77  | 71  | 66  | 62  |
| Luminous Width, Length, Height (ft)                                                           | 0.25                                                | 4.00   | 0.00  |         |  | 4                                    | 84  | 73  | 64  | 58  | 82  | 71  | 63  | 69  | 62  | 57  | 53  |
| DLC, UGR (4H x 8H, 1.0H), MDER                                                                | N/A                                                 | 21.7   | 0.445 |         |  | 5                                    | 77  | 65  | 56  | 50  | 75  | 64  | 56  | 62  | 55  | 49  | 46  |
| x, y, CCT, D <sub>uv</sub>                                                                    | 0.4580                                              | 0.4092 | 2715  | -0.0004 |  | 6                                    | 72  | 59  | 50  | 44  | 70  | 58  | 49  | 56  | 49  | 43  | 40  |
| CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>                       | 94                                                  | 55     | 99    | 93      |  | 7                                    | 66  | 53  | 45  | 39  | 65  | 52  | 44  | 51  | 44  | 38  | 36  |
| TM-30-18 R <sub>f</sub> , R <sub>g</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>h1</sub> | 92                                                  | 90     | 100   | -6%     |  | 8                                    | 62  | 49  | 40  | 34  | 60  | 48  | 40  | 47  | 39  | 34  | 32  |
| 120V: P(W), I(A), THD(%), PF                                                                  | 21.7                                                | 0.182  | 12.2  | 0.990   |  | 9                                    | 58  | 45  | 36  | 31  | 56  | 44  | 36  | 43  | 36  | 31  | 29  |
| 277V: P(W), I(A), THD(%), PF                                                                  | 22.0                                                | 0.085  | 16.8  | 0.933   |  | 10                                   | 54  | 41  | 33  | 28  | 53  | 41  | 33  | 40  | 33  | 28  | 26  |
| 347V: P(W), I(A), THD(%), PF                                                                  | 21.2                                                | 0.064  | 10.1  | 0.948   |  | *Based on a floor reflectance of 0.2 |     |     |     |     |     |     |     |     |     |     |     |

**ZONAL LUMENS (lm)**

| Zone   | Lumens | %Fixture | %Lamp  |
|--------|--------|----------|--------|
| 0-30   | 609    | 29.5%    | 29.5%  |
| 0-40   | 1011   | 48.9%    | 48.9%  |
| 0-60   | 1733   | 83.9%    | 83.9%  |
| 0-90   | 2066   | 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  | 2066   | 100.0%   | 100.0% |



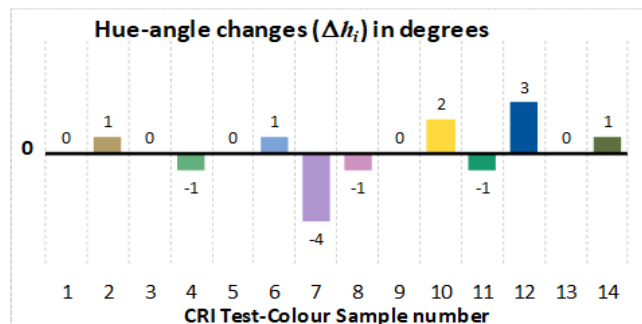
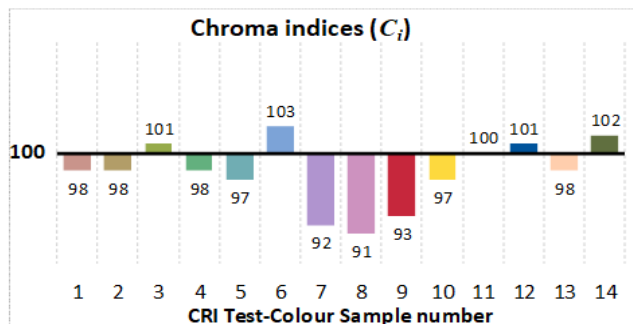
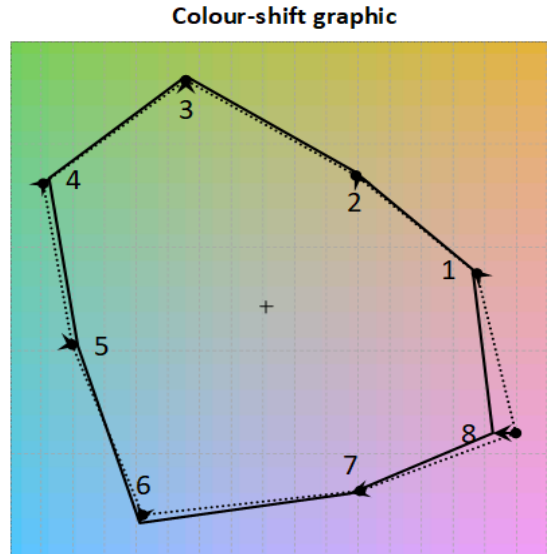
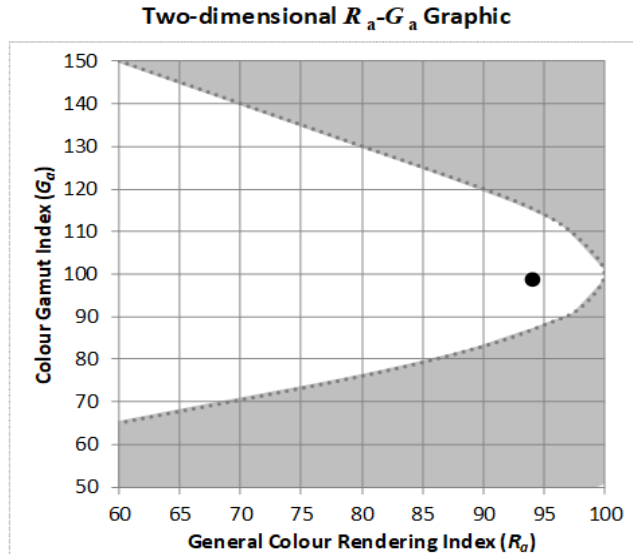
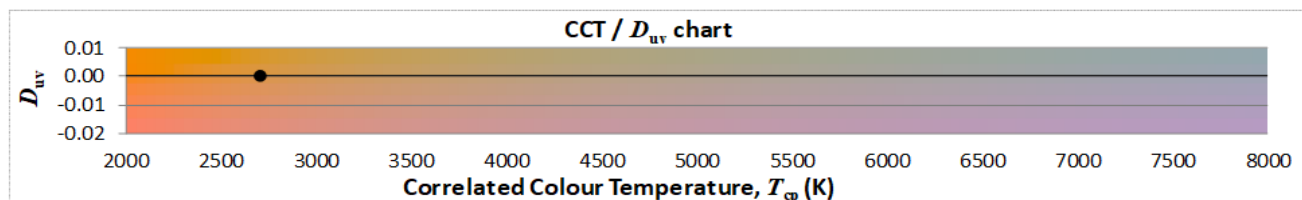
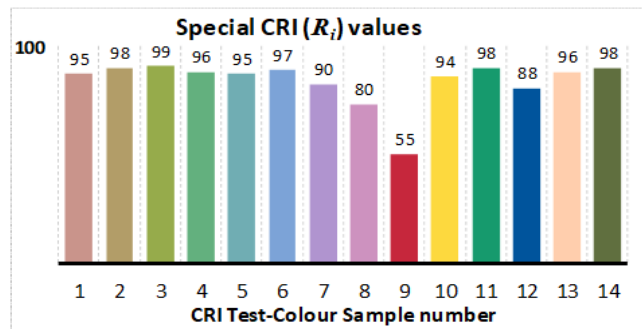
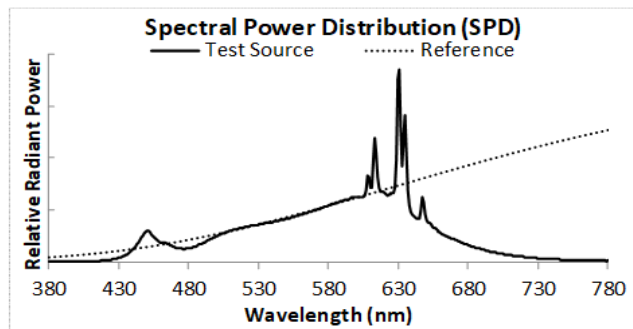
**AVG LUMINANCE (cd/m²)**

|    | 0    | 45   | 90   |
|----|------|------|------|
| 0  | 7644 | 7644 | 7644 |
| 5  | 7612 | 7742 | 7887 |
| 15 | 7361 | 8219 | 8947 |
| 25 | 7006 | 8717 | 9783 |
| 35 | 6507 | 8823 | 9504 |
| 45 | 6076 | 8229 | 8432 |
| 55 | 5628 | 7155 | 6924 |
| 65 | 4804 | 5594 | 5209 |
| 75 | 3384 | 3787 | 3613 |
| 85 | 1605 | 2074 | 2148 |

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

|              |             |               |                     |
|--------------|-------------|---------------|---------------------|
| Test Number: | T20201101   | Manufacturer: | Ledalite by Signify |
| Date:        | 27 Aug 2020 | Model:        | TruGroove Recessed  |

|                                                 |         |                                       |        |
|-------------------------------------------------|---------|---------------------------------------|--------|
| Correlated Colour Temperature ( $T_{cp}$ ) in K | 2715    | CIE1931 chromaticity coordinate, $x$  | 0.4580 |
| Distance to Blackbody Locus ( $D_{uv}$ )        | -0.0004 | CIE1931 chromaticity coordinate, $y$  | 0.4092 |
| General Colour Rendering Index ( $R_a$ )        | 94      | CIE1976 chromaticity coordinate, $u'$ | 0.2619 |
| Red Rendering Index ( $R_9$ )                   | 55      | CIE1976 chromaticity coordinate, $v'$ | 0.5265 |
| Colour Gamut Index ( $G_a$ )                    | 99      |                                       |        |
| Red Chroma Index ( $C_9$ )                      | 93      |                                       |        |



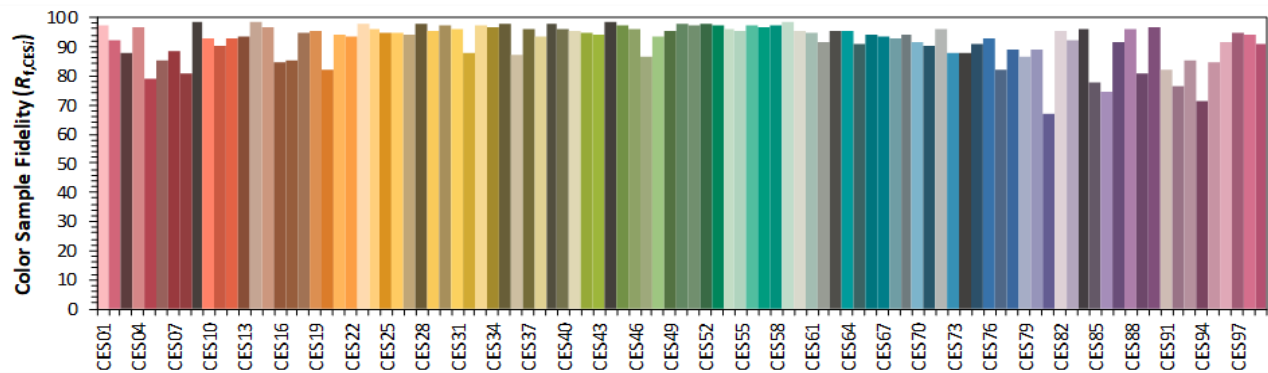
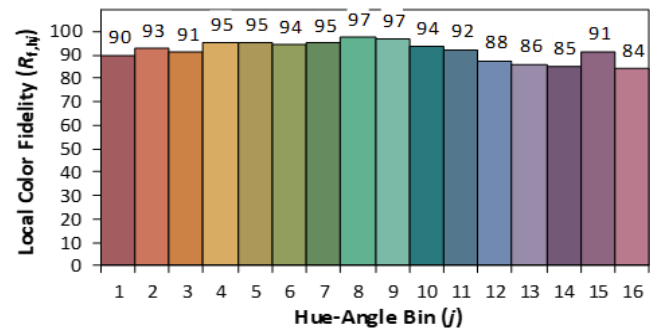
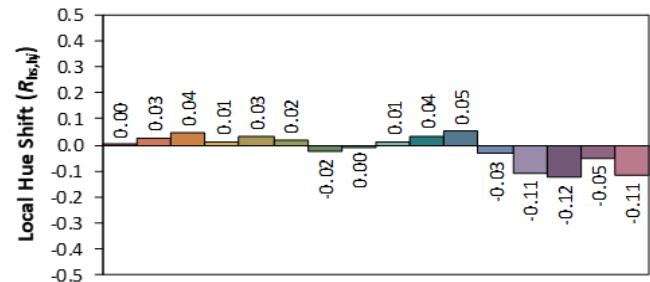
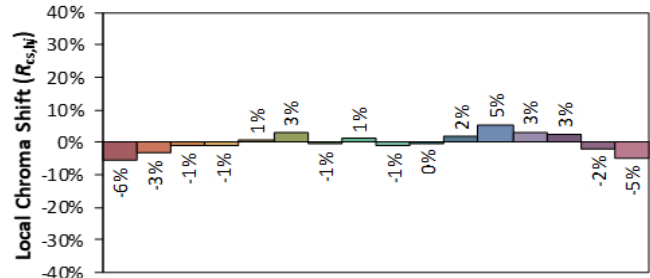
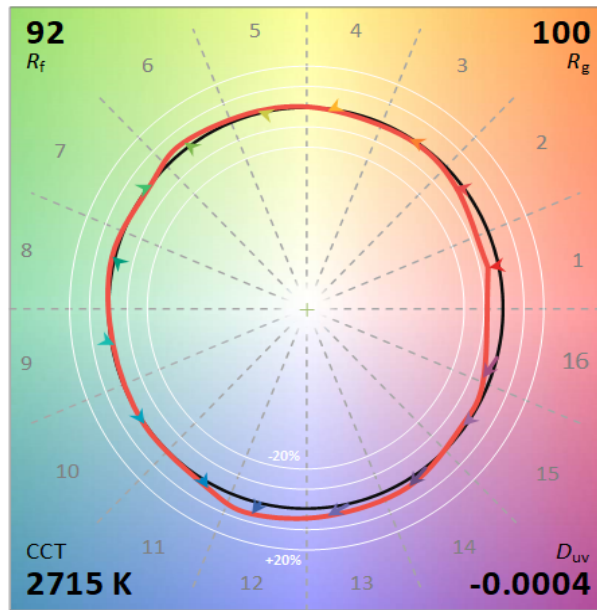
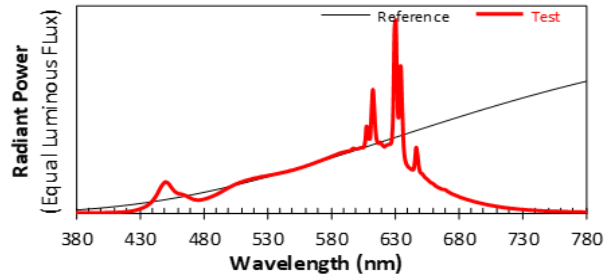
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20201101

Date: 27 Aug 2020

Manufacturer: Ledalite by Signify

Model: TruGroove Recessed



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

$x$  0.4580

$y$  0.4092

$u'$  0.2619

$v'$  0.5265

| 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                         | 0.00020 | 425    | 0.00260 | 470    | 0.01850 | 515    | 0.04130 | 560    | 0.05830 | 605    | 0.08170 | 650    | 0.05160 | 695    | 0.01310 | 740    | 0.00310 |
| 381                         | 0.00010 | 426    | 0.00290 | 471    | 0.01770 | 516    | 0.04170 | 561    | 0.05910 | 606    | 0.08240 | 651    | 0.04950 | 696    | 0.01270 | 741    | 0.00300 |
| 382                         | 0.00010 | 427    | 0.00330 | 472    | 0.01700 | 517    | 0.04210 | 562    | 0.05960 | 607    | 0.08930 | 652    | 0.04870 | 697    | 0.01230 | 742    | 0.00290 |
| 383                         | 0.00020 | 428    | 0.00370 | 473    | 0.01650 | 518    | 0.04250 | 563    | 0.05990 | 608    | 0.10830 | 653    | 0.04640 | 698    | 0.01180 | 743    | 0.00280 |
| 384                         | 0.00010 | 429    | 0.00410 | 474    | 0.01630 | 519    | 0.04300 | 564    | 0.06060 | 609    | 0.10550 | 654    | 0.04430 | 699    | 0.01160 | 744    | 0.00270 |
| 385                         | 0.00010 | 430    | 0.00460 | 475    | 0.01610 | 520    | 0.04330 | 565    | 0.06130 | 610    | 0.09270 | 655    | 0.04280 | 700    | 0.01120 | 745    | 0.00260 |
| 386                         | 0.00010 | 431    | 0.00520 | 476    | 0.01600 | 521    | 0.04360 | 566    | 0.06160 | 611    | 0.09280 | 656    | 0.04180 | 701    | 0.01080 | 746    | 0.00250 |
| 387                         | 0.00000 | 432    | 0.00580 | 477    | 0.01600 | 522    | 0.04410 | 567    | 0.06230 | 612    | 0.12620 | 657    | 0.04010 | 702    | 0.01040 | 747    | 0.00250 |
| 388                         | 0.00010 | 433    | 0.00640 | 478    | 0.01630 | 523    | 0.04420 | 568    | 0.06290 | 613    | 0.15460 | 658    | 0.03860 | 703    | 0.01010 | 748    | 0.00240 |
| 389                         | 0.00010 | 434    | 0.00720 | 479    | 0.01650 | 524    | 0.04470 | 569    | 0.06350 | 614    | 0.13510 | 659    | 0.03750 | 704    | 0.00980 | 749    | 0.00230 |
| 390                         | 0.00010 | 435    | 0.00800 | 480    | 0.01690 | 525    | 0.04510 | 570    | 0.06430 | 615    | 0.10650 | 660    | 0.03690 | 705    | 0.00950 | 750    | 0.00220 |
| 391                         | 0.00010 | 436    | 0.00900 | 481    | 0.01720 | 526    | 0.04550 | 571    | 0.06480 | 616    | 0.09200 | 661    | 0.03570 | 706    | 0.00920 | 751    | 0.00210 |
| 392                         | 0.00010 | 437    | 0.01010 | 482    | 0.01770 | 527    | 0.04560 | 572    | 0.06520 | 617    | 0.08760 | 662    | 0.03420 | 707    | 0.00900 | 752    | 0.00210 |
| 393                         | 0.00010 | 438    | 0.01140 | 483    | 0.01820 | 528    | 0.04590 | 573    | 0.06590 | 618    | 0.08730 | 663    | 0.03310 | 708    | 0.00870 | 753    | 0.00200 |
| 394                         | 0.00010 | 439    | 0.01270 | 484    | 0.01870 | 529    | 0.04620 | 574    | 0.06660 | 619    | 0.08850 | 664    | 0.03210 | 709    | 0.00830 | 754    | 0.00200 |
| 395                         | 0.00010 | 440    | 0.01460 | 485    | 0.01940 | 530    | 0.04640 | 575    | 0.06720 | 620    | 0.08590 | 665    | 0.03130 | 710    | 0.00810 | 755    | 0.00190 |
| 396                         | 0.00020 | 441    | 0.01650 | 486    | 0.02000 | 531    | 0.04690 | 576    | 0.06760 | 621    | 0.08440 | 666    | 0.03060 | 711    | 0.00790 | 756    | 0.00180 |
| 397                         | 0.00010 | 442    | 0.01860 | 487    | 0.02050 | 532    | 0.04700 | 577    | 0.06840 | 622    | 0.08290 | 667    | 0.02980 | 712    | 0.00760 | 757    | 0.00180 |
| 398                         | 0.00010 | 443    | 0.02120 | 488    | 0.02120 | 533    | 0.04750 | 578    | 0.06880 | 623    | 0.08380 | 668    | 0.02940 | 713    | 0.00730 | 758    | 0.00170 |
| 399                         | 0.00010 | 444    | 0.02380 | 489    | 0.02200 | 534    | 0.04770 | 579    | 0.06960 | 624    | 0.08490 | 669    | 0.02930 | 714    | 0.00710 | 759    | 0.00170 |
| 400                         | 0.00010 | 445    | 0.02700 | 490    | 0.02270 | 535    | 0.04810 | 580    | 0.07020 | 625    | 0.08550 | 670    | 0.02890 | 715    | 0.00690 | 760    | 0.00170 |
| 401                         | 0.00010 | 446    | 0.02980 | 491    | 0.02360 | 536    | 0.04830 | 581    | 0.07090 | 626    | 0.08610 | 671    | 0.02770 | 716    | 0.00660 | 761    | 0.00150 |
| 402                         | 0.00010 | 447    | 0.03280 | 492    | 0.02430 | 537    | 0.04870 | 582    | 0.07170 | 627    | 0.08620 | 672    | 0.02650 | 717    | 0.00640 | 762    | 0.00160 |
| 403                         | 0.00020 | 448    | 0.03520 | 493    | 0.02520 | 538    | 0.04910 | 583    | 0.07210 | 628    | 0.09230 | 673    | 0.02570 | 718    | 0.00620 | 763    | 0.00150 |
| 404                         | 0.00020 | 449    | 0.03700 | 494    | 0.02620 | 539    | 0.04930 | 584    | 0.07290 | 629    | 0.12890 | 674    | 0.02480 | 719    | 0.00610 | 764    | 0.00140 |
| 405                         | 0.00020 | 450    | 0.03870 | 495    | 0.02710 | 540    | 0.04970 | 585    | 0.07340 | 630    | 0.22960 | 675    | 0.02390 | 720    | 0.00580 | 765    | 0.00150 |
| 406                         | 0.00030 | 451    | 0.03870 | 496    | 0.02790 | 541    | 0.05010 | 586    | 0.07410 | 631    | 0.24150 | 676    | 0.02320 | 721    | 0.00560 | 766    | 0.00140 |
| 407                         | 0.00020 | 452    | 0.03780 | 497    | 0.02880 | 542    | 0.05040 | 587    | 0.07480 | 632    | 0.16910 | 677    | 0.02260 | 722    | 0.00550 | 767    | 0.00130 |
| 408                         | 0.00030 | 453    | 0.03640 | 498    | 0.02980 | 543    | 0.05070 | 588    | 0.07520 | 633    | 0.11930 | 678    | 0.02180 | 723    | 0.00530 | 768    | 0.00130 |
| 409                         | 0.00030 | 454    | 0.03420 | 499    | 0.03070 | 544    | 0.05120 | 589    | 0.07560 | 634    | 0.15470 | 679    | 0.02120 | 724    | 0.00510 | 769    | 0.00130 |
| 410                         | 0.00040 | 455    | 0.03200 | 500    | 0.03170 | 545    | 0.05150 | 590    | 0.07610 | 635    | 0.18400 | 680    | 0.02060 | 725    | 0.00500 | 770    | 0.00120 |
| 411                         | 0.00040 | 456    | 0.02980 | 501    | 0.03240 | 546    | 0.05180 | 591    | 0.07620 | 636    | 0.13430 | 681    | 0.02000 | 726    | 0.00480 | 771    | 0.00120 |
| 412                         | 0.00050 | 457    | 0.02790 | 502    | 0.03320 | 547    | 0.05230 | 592    | 0.07690 | 637    | 0.09020 | 682    | 0.01930 | 727    | 0.00460 | 772    | 0.00110 |
| 413                         | 0.00060 | 458    | 0.02640 | 503    | 0.03400 | 548    | 0.05290 | 593    | 0.07720 | 638    | 0.07050 | 683    | 0.01880 | 728    | 0.00450 | 773    | 0.00110 |
| 414                         | 0.00070 | 459    | 0.02540 | 504    | 0.03490 | 549    | 0.05330 | 594    | 0.07740 | 639    | 0.06280 | 684    | 0.01810 | 729    | 0.00440 | 774    | 0.00100 |
| 415                         | 0.00080 | 460    | 0.02450 | 505    | 0.03560 | 550    | 0.05340 | 595    | 0.07780 | 640    | 0.05940 | 685    | 0.01770 | 730    | 0.00420 | 775    | 0.00100 |
| 416                         | 0.00090 | 461    | 0.02370 | 506    | 0.03630 | 551    | 0.05390 | 596    | 0.07870 | 641    | 0.05730 | 686    | 0.01720 | 731    | 0.00410 | 776    | 0.00100 |
| 417                         | 0.00100 | 462    | 0.02370 | 507    | 0.03690 | 552    | 0.05430 | 597    | 0.08050 | 642    | 0.05590 | 687    | 0.01660 | 732    | 0.00400 | 777    | 0.00100 |
| 418                         | 0.00110 | 463    | 0.02330 | 508    | 0.03740 | 553    | 0.05490 | 598    | 0.08090 | 643    | 0.05470 | 688    | 0.01620 | 733    | 0.00380 | 778    | 0.00100 |
| 419                         | 0.00120 | 464    | 0.02300 | 509    | 0.03830 | 554    | 0.05540 | 599    | 0.08030 | 644    | 0.05400 | 689    | 0.01570 | 734    | 0.00370 | 779    | 0.00090 |
| 420                         | 0.00140 | 465    | 0.02230 | 510    | 0.03870 | 555    | 0.05590 | 600    | 0.08040 | 645    | 0.05410 | 690    | 0.01520 | 735    | 0.00360 | 780    | 0.00090 |
| 421                         | 0.00160 | 466    | 0.02180 | 511    | 0.03920 | 556    | 0.05620 | 601    | 0.08030 | 646    | 0.06440 | 691    | 0.01480 | 736    | 0.00340 |        |         |
| 422                         | 0.00180 | 467    | 0.02100 | 512    | 0.03990 | 557    | 0.05680 | 602    | 0.08080 | 647    | 0.08170 | 692    | 0.01430 | 737    | 0.00340 |        |         |
| 423                         | 0.00200 | 468    | 0.02010 | 513    | 0.04050 | 558    | 0.05730 | 603    | 0.08140 | 648    | 0.07340 | 693    | 0.01390 | 738    | 0.00330 |        |         |
| 424                         | 0.00230 | 469    | 0.01930 | 514    | 0.04080 | 559    | 0.05770 | 604    | 0.08170 | 649    | 0.05920 | 694    | 0.01360 | 739    | 0.00320 |        |         |

| 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                 | 18.0 | 19.6 | 18.4 | 19.9 | 20.2               | 19.1 | 20.6 | 19.4 | 21.0 | 21.3 |
|                      | 3H                   | 19.4 | 20.8 | 19.8 | 21.1 | 21.5               | 20.2 | 21.7 | 20.6 | 22.0 | 22.4 |
|                      | 4H                   | 19.8 | 21.1 | 20.2 | 21.5 | 21.8               | 20.6 | 21.9 | 21.0 | 22.3 | 22.7 |
|                      | 6H                   | 20.0 | 21.3 | 20.4 | 21.6 | 22.0               | 20.8 | 22.0 | 21.2 | 22.4 | 22.8 |
|                      | 8H                   | 20.1 | 21.3 | 20.5 | 21.7 | 22.1               | 20.8 | 22.0 | 21.3 | 22.4 | 22.8 |
|                      | 12H                  | 20.1 | 21.2 | 20.5 | 21.6 | 22.0               | 20.9 | 22.0 | 21.3 | 22.4 | 22.8 |
| 4H                   | 2H                   | 18.7 | 20.0 | 19.0 | 20.3 | 20.7               | 19.5 | 20.8 | 19.9 | 21.2 | 21.5 |
|                      | 3H                   | 20.2 | 21.3 | 20.6 | 21.7 | 22.1               | 20.9 | 22.0 | 21.3 | 22.4 | 22.8 |
|                      | 4H                   | 20.7 | 21.7 | 21.1 | 22.1 | 22.6               | 21.4 | 22.4 | 21.8 | 22.8 | 23.2 |
|                      | 6H                   | 21.0 | 21.9 | 21.5 | 22.4 | 22.8               | 21.7 | 22.5 | 22.1 | 23.0 | 23.4 |
|                      | 8H                   | 21.1 | 21.9 | 21.6 | 22.4 | 22.9               | 21.7 | 22.5 | 22.2 | 23.0 | 23.5 |
|                      | 12H                  | 21.2 | 21.9 | 21.7 | 22.4 | 22.8               | 21.8 | 22.5 | 22.3 | 23.0 | 23.4 |
| 8H                   | 4H                   | 20.9 | 21.7 | 21.4 | 22.2 | 22.6               | 21.5 | 22.3 | 22.0 | 22.8 | 23.2 |
|                      | 6H                   | 21.3 | 22.0 | 21.8 | 22.5 | 23.0               | 21.9 | 22.6 | 22.4 | 23.1 | 23.5 |
|                      | 8H                   | 21.5 | 22.1 | 22.0 | 22.6 | 23.1               | 22.0 | 22.6 | 22.5 | 23.1 | 23.6 |
|                      | 12H                  | 21.5 | 22.1 | 22.0 | 22.6 | 23.1               | 22.1 | 22.6 | 22.6 | 23.1 | 23.7 |
| 12H                  | 4H                   | 20.9 | 21.6 | 21.4 | 22.1 | 22.6               | 21.5 | 22.2 | 22.0 | 22.7 | 23.2 |
|                      | 6H                   | 21.4 | 22.0 | 21.9 | 22.4 | 23.0               | 21.9 | 22.5 | 22.4 | 23.0 | 23.5 |
|                      | 8H                   | 21.5 | 22.0 | 22.0 | 22.5 | 23.1               | 22.0 | 22.6 | 22.5 | 23.1 | 23.6 |

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.