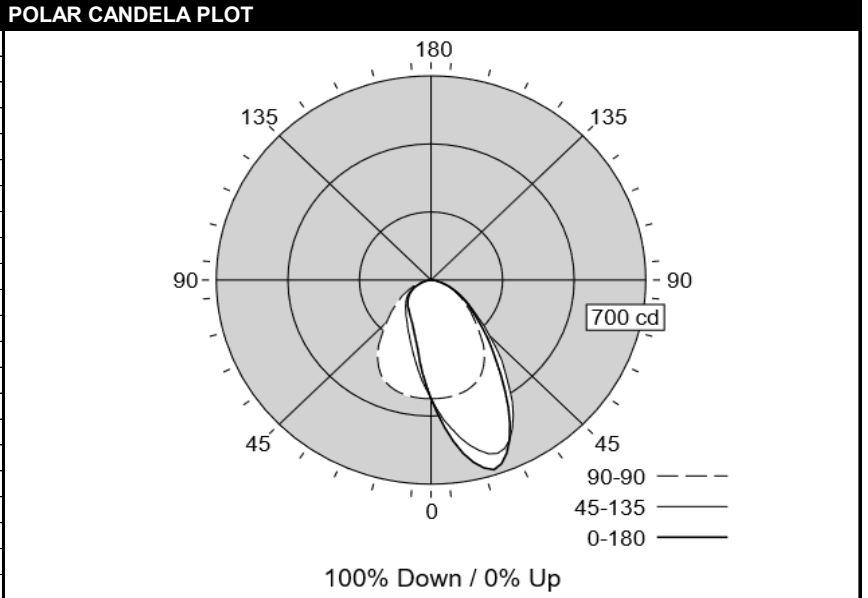


# LEDALITE - TG SUSPENDED/SURFACE/WALL MICRO



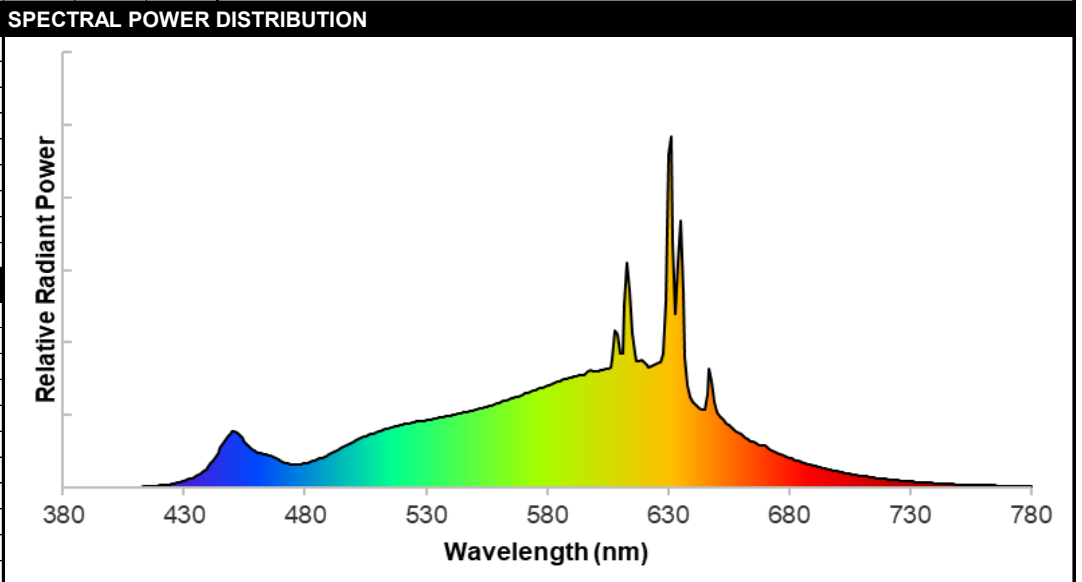
|                                |              |                                      |                        |
|--------------------------------|--------------|--------------------------------------|------------------------|
| <b>TEST DATE:</b>              | 15 Sep 2021  | <b>CATALOG NO:</b>                   | TMxxL927WNNNN10NNN     |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | MESO 1000LM DOWN 927   |
| <b>No. of Lamps:</b>           | 96           |                                      |                        |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 904 lm 100%            |
| <b>Input Watts:</b>            | 277 VAC 11.2 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 100% Down / 0% Up 80.7 |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG02028               |

| CANDELA DISTRIBUTION |     |     |     |     |     | Flux   |
|----------------------|-----|-----|-----|-----|-----|--------|
|                      | 0   | 45  | 90  | 135 | 180 | Lumens |
| 0                    | 407 | 407 | 407 | 407 | 407 |        |
| 5                    | 507 | 482 | 407 | 345 | 320 | 39     |
| 15                   | 667 | 605 | 399 | 241 | 201 | 118    |
| 25                   | 605 | 606 | 373 | 180 | 152 | 177    |
| 35                   | 397 | 441 | 304 | 143 | 126 | 182    |
| 45                   | 242 | 270 | 205 | 116 | 107 | 151    |
| 55                   | 148 | 156 | 132 | 93  | 86  | 114    |
| 65                   | 83  | 91  | 81  | 63  | 58  | 77     |
| 75                   | 34  | 39  | 36  | 30  | 26  | 37     |
| 85                   | 6   | 6   | 6   | 5   | 5   | 8      |
| 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-Critical spaces |        |        |       | Pc---                           | 80                                   |     |     |     | 70  |     |     | 50  |     |     | 0   |    |    |
| Direct: Peak Candela & Angle (0°)  |   |        | 682.1  | 17.5  | Pw---                           | 70                                   | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   |    |    |
| Direct: Peak Candela & Angle (180°)  |   |        | 406.9  | 0.0   | RCR                             |                                      |     |     |     |     |     |     |     |     |     |     |    |    |
| Spacing Criteria (0°, 90°, 180°)   |   | 1.44   | 1.23   | 0.45  | 0                               | 119                                  | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |    |    |
| Beam (H, V), Field (H, V)  |   | 74.5   | 41.9   | 135.5 | 129.6                           | 1                                    | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 100 | 97  | 94  | 87 |    |
| Indirect: Peak Candela & Angle(°)  |   |        | N/A    | N/A   | 2                               | 102                                  | 94  | 88  | 83  | 99  | 92  | 87  | 89  | 84  | 80  | 75  |    |    |
| Indirect: Zenith Candela, Peak to Zenith   |   |        | N/A    | N/A   | 3                               | 94                                   | 84  | 77  | 71  | 91  | 83  | 76  | 80  | 74  | 69  | 65  |    |    |
| Luminous Width, Length, Height (ft)  |   | 4.00   | 0.15   | 0.00  | 4                               | 86                                   | 76  | 68  | 62  | 84  | 74  | 67  | 72  | 66  | 60  | 57  |    |    |
| DLC, UGR (4H x 8H, 1.0H), MDER   |   |        | N/A    | 20.0  | 0.445                           | 5                                    | 80  | 68  | 60  | 54  | 78  | 67  | 60  | 65  | 59  | 53  | 50 |    |
| x, y, CCT, D <sub>uv</sub>   |   | 0.4580 | 0.4092 | 2715  | -0.0004                         | 6                                    | 74  | 62  | 54  | 48  | 73  | 61  | 54  | 60  | 53  | 48  | 45 |    |
| CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>          |   | 94     | 55     | 99    | 93                              | 7                                    | 69  | 57  | 49  | 43  | 68  | 56  | 48  | 55  | 48  | 43  | 40 |    |
| TM-30-18 R <sub>f</sub> , R <sub>f,h1</sub> , R <sub>g</sub> , R <sub>g,h1</sub> |   |        | 92     | 90    | 100                             | -6%                                  | 8   | 65  | 52  | 44  | 39  | 63  | 52  | 44  | 50  | 44  | 39 | 36 |
| 120V: P(W), I(A), THD(%), PF   |   | 10.9   | 0.092  | 14.0  | 0.986                           | 9                                    | 61  | 48  | 41  | 35  | 60  | 48  | 40  | 47  | 40  | 35  | 33 |    |
| 277V: P(W), I(A), THD(%), PF   |   | 11.2   | 0.044  | 18.5  | 0.911                           | 10                                   | 57  | 45  | 37  | 32  | 56  | 44  | 37  | 43  | 37  | 32  | 30 |    |
| 347V: P(W), I(A), THD(%), PF   |   | 11.2   | 0.035  | 13.9  | 0.924                           | *Based on a floor reflectance of 0.2 |     |     |     |     |     |     |     |     |     |     |    |    |

| ZONAL LUMENS (lm) |        |          |        |
|-------------------|--------|----------|--------|
| Zone              | Lumens | %Fixture | %Lamp  |
| 0-30              | 335    | 37.0%    | 37.0%  |
| 0-40              | 517    | 57.2%    | 57.2%  |
| 0-60              | 782    | 86.5%    | 86.5%  |
| 0-90              | 904    | 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             | 904    | 100.0%   | 100.0% |

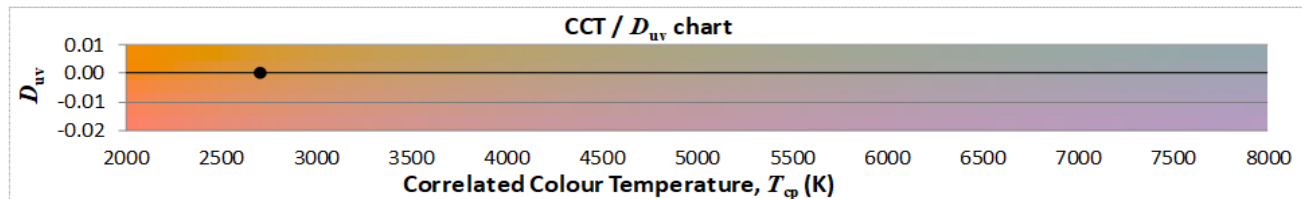


| AVG LUMINANCE (cd/m²) |       |      |      |
|-----------------------|-------|------|------|
|                       | 0     | 90   | 180  |
| 0                     | 7297  | 7297 | 7297 |
| 5                     | 9129  | 7321 | 5762 |
| 15                    | 12382 | 7410 | 3726 |
| 25                    | 11973 | 7377 | 3006 |
| 35                    | 8687  | 6644 | 2761 |
| 45                    | 6125  | 5204 | 2724 |
| 55                    | 4624  | 4140 | 2679 |
| 65                    | 3522  | 3416 | 2474 |
| 75                    | 2363  | 2474 | 1822 |
| 85                    | 1214  | 1276 | 1049 |

# 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 Suspended |

|   |         |                                       |        |
|---|---------|---------------------------------------|--------|
| 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

Manufacturer: Ledalite by Signify

Date: 27 Aug 2020

Model: TruGroove Suspended



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 | 17.3                 | 18.7 | 17.6 | 19.1 | 19.4 | 16.5               | 17.9 | 16.8 | 18.3 | 18.6 |
|                | 3H   | 18.5                 | 19.9 | 18.9 | 20.2 | 20.6 | 17.9               | 19.2 | 18.3 | 19.6 | 19.9 |
|                | 4H   | 18.9                 | 20.1 | 19.3 | 20.5 | 20.8 | 18.3               | 19.6 | 18.7 | 19.9 | 20.3 |
|                | 6H   | 19.1                 | 20.2 | 19.5 | 20.6 | 21.0 | 18.6               | 19.8 | 19.0 | 20.1 | 20.5 |
|                | 8H   | 19.1                 | 20.2 | 19.5 | 20.6 | 21.0 | 18.7               | 19.8 | 19.1 | 20.2 | 20.6 |
|                | 12H  | 19.1                 | 20.2 | 19.6 | 20.6 | 21.0 | 18.7               | 19.7 | 19.1 | 20.1 | 20.6 |
| 4H             | 2H   | 17.7                 | 19.0 | 18.1 | 19.3 | 19.7 | 16.9               | 18.1 | 17.3 | 18.5 | 18.9 |
|                | 3H   | 19.2                 | 20.2 | 19.6 | 20.6 | 21.0 | 18.5               | 19.6 | 19.0 | 20.0 | 20.4 |
|                | 4H   | 19.7                 | 20.6 | 20.1 | 21.0 | 21.4 | 19.1               | 20.0 | 19.5 | 20.4 | 20.9 |
|                | 6H   | 20.0                 | 20.8 | 20.4 | 21.2 | 21.7 | 19.5               | 20.3 | 20.0 | 20.7 | 21.2 |
|                | 8H   | 20.0                 | 20.8 | 20.5 | 21.2 | 21.7 | 19.6               | 20.3 | 20.1 | 20.8 | 21.3 |
|                | 12H  | 20.1                 | 20.7 | 20.6 | 21.2 | 21.7 | 19.6               | 20.3 | 20.1 | 20.8 | 21.3 |
| 8H             | 4H   | 19.8                 | 20.6 | 20.3 | 21.0 | 21.5 | 19.3               | 20.0 | 19.7 | 20.4 | 20.9 |
|                | 6H   | 20.2                 | 20.8 | 20.7 | 21.3 | 21.8 | 19.7               | 20.3 | 20.2 | 20.8 | 21.3 |
|                | 8H   | 20.3                 | 20.9 | 20.8 | 21.4 | 21.9 | 19.9               | 20.4 | 20.4 | 20.9 | 21.4 |
|                | 12H  | 20.4                 | 20.9 | 20.9 | 21.4 | 21.9 | 19.9               | 20.4 | 20.5 | 20.9 | 21.5 |
| 12H            | 4H   | 19.8                 | 20.5 | 20.3 | 21.0 | 21.5 | 19.3               | 19.9 | 19.7 | 20.4 | 20.9 |
|                | 6H   | 20.2                 | 20.8 | 20.8 | 21.2 | 21.8 | 19.7               | 20.3 | 20.3 | 20.7 | 21.3 |
|                | 8H   | 20.4                 | 20.8 | 20.9 | 21.3 | 21.9 | 19.9               | 20.4 | 20.4 | 20.9 | 21.4 |

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.