

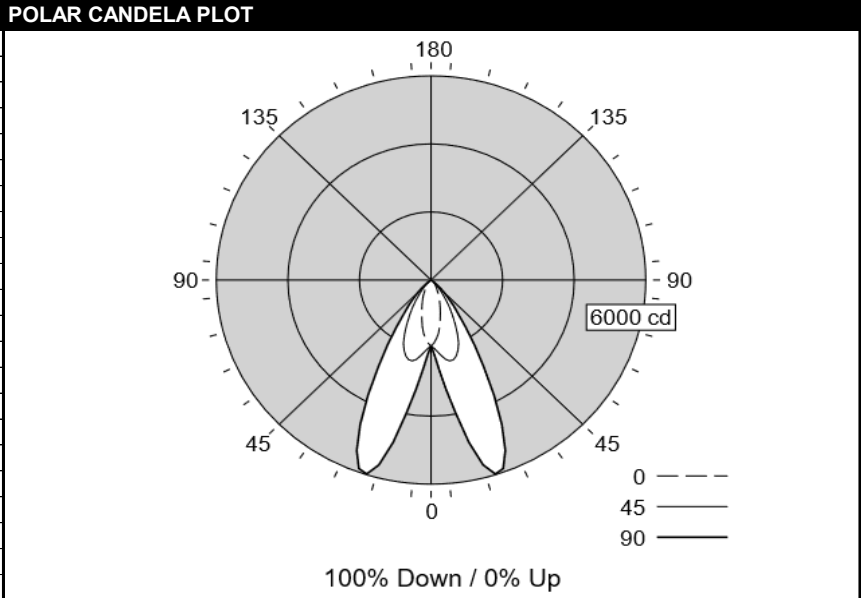
# LEDALITE - TG RECESSED MICRO



by @ignify

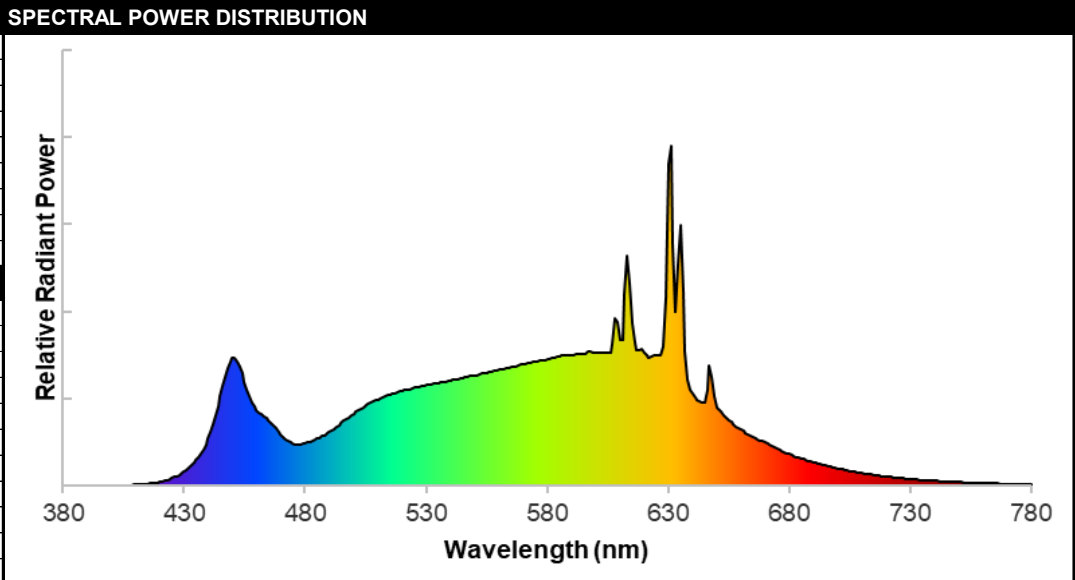
|                                |              |                                      |                             |
|--------------------------------|--------------|--------------------------------------|-----------------------------|
| <b>TEST DATE:</b>              | 05 Feb 2022  | <b>CATALOG NO:</b>                   | 2301L935NSBFF35xx           |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | BLK STK LVR 3500LM DOWN 935 |
| <b>No. of Lamps:</b>           | 96           |                                      |                             |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 2874 lm 100%                |
| <b>Input Watts:</b>            | 277 VAC 28.2 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 100% Down / 0% Up 101.9     |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG08455                    |

| CANDELA DISTRIBUTION |      |      |      |      |      |        |
|----------------------|------|------|------|------|------|--------|
|                      | 0    | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 1936 | 1936 | 1936 | 1936 | 1936 |        |
| 5                    | 1729 | 1865 | 2121 | 2327 | 2664 | 215    |
| 15                   | 1005 | 1359 | 2423 | 4278 | 5626 | 789    |
| 25                   | 526  | 773  | 1748 | 3919 | 4682 | 1006   |
| 35                   | 241  | 363  | 757  | 1475 | 1679 | 575    |
| 45                   | 120  | 141  | 207  | 424  | 499  | 222    |
| 55                   | 50   | 61   | 54   | 62   | 32   | 57     |
| 65                   | 5    | 7    | 6    | 5    | 4    | 7      |
| 75                   | 1    | 3    | 1    | 2    | 1    | 2      |
| 85                   | 1    | 2    | 0    | 1    | 0    | 1      |
| 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°)   |   | 1935.7 |        | 0.0  | Pw---                           | 70                                   | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   |    |  |
| Direct: Peak Candela & Angle (90°)  |   | 5980.1 |        | 17.5 | RCR                             |                                      |     |     |     |     |     |     |     |     |     |     |    |  |
| Spacing Criteria (0°, 90°, 180°)  |   | 0.51   | 1.39   | N/A  | 0                               | 119                                  | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |    |  |
| Beam (H, V), Field (H, V)   |   | 60.3   | 27.9   | 88.3 | 59.6                            | 1                                    | 113 | 111 | 108 | 106 | 111 | 108 | 106 | 104 | 102 | 101 | 93 |  |
| Indirect: Peak Candela & Angle(°)   |   | N/A    |        | N/A  | 2                               | 108                                  | 103 | 98  | 95  | 105 | 101 | 97  | 98  | 94  | 92  | 86  |    |  |
| Indirect: Zenith Candela, Peak to Zenith  |   | N/A    |        | N/A  | 3                               | 102                                  | 95  | 90  | 86  | 100 | 94  | 89  | 91  | 87  | 84  | 80  |    |  |
| Luminous Width, Length, Height (ft)   |   | 0.13   | 4.00   | 0.00 | 4                               | 96                                   | 89  | 83  | 79  | 95  | 88  | 82  | 85  | 81  | 77  | 74  |    |  |
| DLC, UGR (4H x 8H, 1.0H), MDER  |   | N/A    |        | 5.1  | 0.578                           | 5                                    | 91  | 83  | 77  | 72  | 90  | 82  | 76  | 80  | 75  | 71  | 69 |  |
| x, y, CCT, D <sub>uv</sub>  |   | 0.4070 | 0.3906 | 3462 | -0.0004                         | 6                                    | 87  | 77  | 71  | 67  | 85  | 77  | 71  | 75  | 70  | 66  | 64 |  |
| CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>         |   | 93     | 59     | 99   | 93                              | 7                                    | 82  | 72  | 66  | 62  | 81  | 72  | 66  | 71  | 65  | 61  | 59 |  |
| TM-30-18 R <sub>f</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>cs,h1</sub> |   | 91     | 90     | 99   | -6%                             | 8                                    | 78  | 68  | 62  | 58  | 77  | 67  | 62  | 66  | 61  | 57  | 55 |  |
| 120V: P(W), I(A), THD(%), PF  |   | 28.2   | 0.236  | 9.5  | 0.994                           | 9                                    | 74  | 64  | 58  | 54  | 73  | 64  | 58  | 63  | 57  | 54  | 52 |  |
| 277V: P(W), I(A), THD(%), PF  |   | 28.2   | 0.107  | 14.9 | 0.954                           | 10                                   | 70  | 60  | 54  | 50  | 69  | 60  | 54  | 59  | 54  | 50  | 49 |  |
| 347V: P(W), I(A), THD(%), PF  |   | 27.5   | 0.082  | 8.2  | 0.966                           | *Based on a floor reflectance of 0.2 |     |     |     |     |     |     |     |     |     |     |    |  |

| ZONAL LUMENS (lm) |        |          |        |
|-------------------|--------|----------|--------|
| Zone              | Lumens | %Fixture | %Lamp  |
| 0-30              | 2010   | 69.9%    | 69.9%  |
| 0-40              | 2585   | 90.0%    | 90.0%  |
| 0-60              | 2864   | 99.7%    | 99.7%  |
| 0-90              | 2874   | 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             | 2874   | 100.0%   | 100.0% |



| AVG LUMINANCE (cd/m²) |       |       |        |
|-----------------------|-------|-------|--------|
|                       | 0     | 45    | 90     |
| 0                     | 40054 | 40054 | 40054  |
| 5                     | 35914 | 44046 | 55339  |
| 15                    | 21532 | 51906 | 120530 |
| 25                    | 11998 | 39914 | 106885 |
| 35                    | 6090  | 19125 | 42423  |
| 45                    | 3500  | 6055  | 14597  |
| 55                    | 1815  | 1941  | 1169   |
| 65                    | 220   | 269   | 196    |
| 75                    | 112   | 88    | 64     |
| 85                    | 119   | 71    | 0      |

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

|              |             |               |                     |
|--------------|-------------|---------------|---------------------|
| Test Number: | T20201107   | Manufacturer: | Ledalite by Signify |
| Date:        | 27 Aug 2020 | Model:        | TruGroove Suspended |

|   |         |                                       |        |
|---|---------|---------------------------------------|--------|
| Correlated Colour Temperature ( $T_{cp}$ ) in K | 3462    | CIE1931 chromaticity coordinate, $x$  | 0.4070 |
| Distance to Blackbody Locus ( $D_{uv}$ )        | -0.0004 | CIE1931 chromaticity coordinate, $y$  | 0.3906 |
| General Colour Rendering Index ( $R_a$ )        | 93      | CIE1976 chromaticity coordinate, $u'$ | 0.2369 |
| Red Rendering Index ( $R_9$ )                   | 59      | CIE1976 chromaticity coordinate, $v'$ | 0.5115 |
| Colour Gamut Index ( $G_a$ )                    | 99      |                                       |        |
| Red Chroma Index ( $C_9$ )                      | 93      |                                       |        |



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

Source: T20201107

Date: 27 Aug 2020

Manufacturer: Ledalite by Signify

Model: TruGroove Suspended



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

$x$  0.4070

$y$  0.3906

$u'$  0.2369

$v'$  0.5115

| 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    | 0.00420 | 470    | 0.02950 | 515    | 0.05240 | 560    | 0.06640 | 605    | 0.07610 | 650    | 0.04490 | 695    | 0.01150 | 740    | 0.00270 |
| 381                         | 0.00010 | 426    | 0.00480 | 471    | 0.02790 | 516    | 0.05270 | 561    | 0.06670 | 606    | 0.07630 | 651    | 0.04340 | 696    | 0.01120 | 741    | 0.00270 |
| 382                         | 0.00010 | 427    | 0.00550 | 472    | 0.02640 | 517    | 0.05320 | 562    | 0.06710 | 607    | 0.08170 | 652    | 0.04260 | 697    | 0.01090 | 742    | 0.00250 |
| 383                         | 0.00010 | 428    | 0.00630 | 473    | 0.02540 | 518    | 0.05360 | 563    | 0.06730 | 608    | 0.09630 | 653    | 0.04070 | 698    | 0.01050 | 743    | 0.00240 |
| 384                         | 0.00010 | 429    | 0.00710 | 474    | 0.02460 | 519    | 0.05410 | 564    | 0.06770 | 609    | 0.09390 | 654    | 0.03880 | 699    | 0.01020 | 744    | 0.00240 |
| 385                         | 0.00010 | 430    | 0.00800 | 475    | 0.02410 | 520    | 0.05460 | 565    | 0.06800 | 610    | 0.08380 | 655    | 0.03770 | 700    | 0.00990 | 745    | 0.00230 |
| 386                         | 0.00010 | 431    | 0.00910 | 476    | 0.02370 | 521    | 0.05500 | 566    | 0.06820 | 611    | 0.08340 | 656    | 0.03670 | 701    | 0.00960 | 746    | 0.00230 |
| 387                         | 0.00010 | 432    | 0.01020 | 477    | 0.02360 | 522    | 0.05520 | 567    | 0.06860 | 612    | 0.10960 | 657    | 0.03540 | 702    | 0.00930 | 747    | 0.00220 |
| 388                         | 0.00020 | 433    | 0.01150 | 478    | 0.02370 | 523    | 0.05540 | 568    | 0.06910 | 613    | 0.13180 | 658    | 0.03390 | 703    | 0.00900 | 748    | 0.00210 |
| 389                         | 0.00010 | 434    | 0.01300 | 479    | 0.02390 | 524    | 0.05590 | 569    | 0.06930 | 614    | 0.11580 | 659    | 0.03310 | 704    | 0.00870 | 749    | 0.00200 |
| 390                         | 0.00010 | 435    | 0.01450 | 480    | 0.02420 | 525    | 0.05630 | 570    | 0.06980 | 615    | 0.09340 | 660    | 0.03240 | 705    | 0.00840 | 750    | 0.00200 |
| 391                         | 0.00010 | 436    | 0.01650 | 481    | 0.02470 | 526    | 0.05640 | 571    | 0.06990 | 616    | 0.08180 | 661    | 0.03140 | 706    | 0.00820 | 751    | 0.00190 |
| 392                         | 0.00010 | 437    | 0.01860 | 482    | 0.02520 | 527    | 0.05670 | 572    | 0.07020 | 617    | 0.07810 | 662    | 0.03020 | 707    | 0.00790 | 752    | 0.00190 |
| 393                         | 0.00010 | 438    | 0.02090 | 483    | 0.02560 | 528    | 0.05710 | 573    | 0.07040 | 618    | 0.07780 | 663    | 0.02920 | 708    | 0.00760 | 753    | 0.00180 |
| 394                         | 0.00010 | 439    | 0.02380 | 484    | 0.02620 | 529    | 0.05750 | 574    | 0.07080 | 619    | 0.07820 | 664    | 0.02840 | 709    | 0.00740 | 754    | 0.00180 |
| 395                         | 0.00010 | 440    | 0.02710 | 485    | 0.02690 | 530    | 0.05760 | 575    | 0.07110 | 620    | 0.07640 | 665    | 0.02760 | 710    | 0.00720 | 755    | 0.00170 |
| 396                         | 0.00010 | 441    | 0.03080 | 486    | 0.02760 | 531    | 0.05780 | 576    | 0.07150 | 621    | 0.07490 | 666    | 0.02700 | 711    | 0.00700 | 756    | 0.00170 |
| 397                         | 0.00020 | 442    | 0.03520 | 487    | 0.02830 | 532    | 0.05810 | 577    | 0.07170 | 622    | 0.07360 | 667    | 0.02630 | 712    | 0.00670 | 757    | 0.00160 |
| 398                         | 0.00010 | 443    | 0.04020 | 488    | 0.02890 | 533    | 0.05850 | 578    | 0.07200 | 623    | 0.07400 | 668    | 0.02590 | 713    | 0.00650 | 758    | 0.00160 |
| 399                         | 0.00020 | 444    | 0.04540 | 489    | 0.02980 | 534    | 0.05870 | 579    | 0.07210 | 624    | 0.07490 | 669    | 0.02570 | 714    | 0.00630 | 759    | 0.00150 |
| 400                         | 0.00010 | 445    | 0.05150 | 490    | 0.03080 | 535    | 0.05890 | 580    | 0.07250 | 625    | 0.07500 | 670    | 0.02520 | 715    | 0.00610 | 760    | 0.00140 |
| 401                         | 0.00020 | 446    | 0.05730 | 491    | 0.03160 | 536    | 0.05930 | 581    | 0.07270 | 626    | 0.07520 | 671    | 0.02420 | 716    | 0.00590 | 761    | 0.00140 |
| 402                         | 0.00020 | 447    | 0.06270 | 492    | 0.03270 | 537    | 0.05960 | 582    | 0.07320 | 627    | 0.07510 | 672    | 0.02350 | 717    | 0.00570 | 762    | 0.00140 |
| 403                         | 0.00020 | 448    | 0.06760 | 493    | 0.03370 | 538    | 0.05960 | 583    | 0.07340 | 628    | 0.07960 | 673    | 0.02260 | 718    | 0.00560 | 763    | 0.00130 |
| 404                         | 0.00030 | 449    | 0.07130 | 494    | 0.03480 | 539    | 0.06020 | 584    | 0.07390 | 629    | 0.10770 | 674    | 0.02180 | 719    | 0.00540 | 764    | 0.00130 |
| 405                         | 0.00030 | 450    | 0.07330 | 495    | 0.03600 | 540    | 0.06050 | 585    | 0.07410 | 630    | 0.18510 | 675    | 0.02120 | 720    | 0.00520 | 765    | 0.00120 |
| 406                         | 0.00030 | 451    | 0.07330 | 496    | 0.03710 | 541    | 0.06060 | 586    | 0.07450 | 631    | 0.19530 | 676    | 0.02050 | 721    | 0.00500 | 766    | 0.00120 |
| 407                         | 0.00040 | 452    | 0.07150 | 497    | 0.03810 | 542    | 0.06100 | 587    | 0.07470 | 632    | 0.13860 | 677    | 0.01990 | 722    | 0.00480 | 767    | 0.00110 |
| 408                         | 0.00040 | 453    | 0.06810 | 498    | 0.03930 | 543    | 0.06110 | 588    | 0.07480 | 633    | 0.09950 | 678    | 0.01930 | 723    | 0.00470 | 768    | 0.00120 |
| 409                         | 0.00050 | 454    | 0.06430 | 499    | 0.04030 | 544    | 0.06150 | 589    | 0.07480 | 634    | 0.12660 | 679    | 0.01870 | 724    | 0.00460 | 769    | 0.00110 |
| 410                         | 0.00050 | 455    | 0.05950 | 500    | 0.04140 | 545    | 0.06180 | 590    | 0.07490 | 635    | 0.14960 | 680    | 0.01820 | 725    | 0.00440 | 770    | 0.00110 |
| 411                         | 0.00060 | 456    | 0.05510 | 501    | 0.04240 | 546    | 0.06210 | 591    | 0.07510 | 636    | 0.11130 | 681    | 0.01770 | 726    | 0.00430 | 771    | 0.00100 |
| 412                         | 0.00070 | 457    | 0.05110 | 502    | 0.04330 | 547    | 0.06230 | 592    | 0.07520 | 637    | 0.07670 | 682    | 0.01710 | 727    | 0.00420 | 772    | 0.00100 |
| 413                         | 0.00080 | 458    | 0.04770 | 503    | 0.04410 | 548    | 0.06280 | 593    | 0.07530 | 638    | 0.06120 | 683    | 0.01660 | 728    | 0.00400 | 773    | 0.00100 |
| 414                         | 0.00100 | 459    | 0.04520 | 504    | 0.04510 | 549    | 0.06290 | 594    | 0.07530 | 639    | 0.05520 | 684    | 0.01610 | 729    | 0.00390 | 774    | 0.00100 |
| 415                         | 0.00110 | 460    | 0.04340 | 505    | 0.04590 | 550    | 0.06330 | 595    | 0.07520 | 640    | 0.05250 | 685    | 0.01560 | 730    | 0.00380 | 775    | 0.00090 |
| 416                         | 0.00130 | 461    | 0.04190 | 506    | 0.04680 | 551    | 0.06340 | 596    | 0.07560 | 641    | 0.05070 | 686    | 0.01520 | 731    | 0.00360 | 776    | 0.00090 |
| 417                         | 0.00150 | 462    | 0.04080 | 507    | 0.04740 | 552    | 0.06380 | 597    | 0.07690 | 642    | 0.04940 | 687    | 0.01470 | 732    | 0.00350 | 777    | 0.00090 |
| 418                         | 0.00170 | 463    | 0.03990 | 508    | 0.04820 | 553    | 0.06440 | 598    | 0.07730 | 643    | 0.04850 | 688    | 0.01430 | 733    | 0.00340 | 778    | 0.00090 |
| 419                         | 0.00190 | 464    | 0.03900 | 509    | 0.04890 | 554    | 0.06440 | 599    | 0.07640 | 644    | 0.04780 | 689    | 0.01390 | 734    | 0.00330 | 779    | 0.00080 |
| 420                         | 0.00220 | 465    | 0.03740 | 510    | 0.04950 | 555    | 0.06490 | 600    | 0.07610 | 645    | 0.04760 | 690    | 0.01340 | 735    | 0.00320 | 780    | 0.00080 |
| 421                         | 0.00250 | 466    | 0.03610 | 511    | 0.05010 | 556    | 0.06510 | 601    | 0.07630 | 646    | 0.05540 | 691    | 0.01310 | 736    | 0.00310 |        |         |
| 422                         | 0.00290 | 467    | 0.03440 | 512    | 0.05060 | 557    | 0.06530 | 602    | 0.07600 | 647    | 0.06860 | 692    | 0.01270 | 737    | 0.00300 |        |         |
| 423                         | 0.00320 | 468    | 0.03270 | 513    | 0.05140 | 558    | 0.06580 | 603    | 0.07650 | 648    | 0.06220 | 693    | 0.01230 | 738    | 0.00290 |        |         |
| 424                         | 0.00370 | 469    | 0.03100 | 514    | 0.05180 | 559    | 0.06610 | 604    | 0.07640 | 649    | 0.05100 | 694    | 0.01190 | 739    | 0.00280 |        |         |

| 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                 | 5.7 | 6.7 | 6.0 | 7.0 | 7.3                | 3.7 | 3.7 | 3.7 | 4.2 |
|                      | 3H                   | 5.6 | 6.5 | 5.9 | 6.8 | 7.2                | 3.7 | 3.7 | 3.7 | 4.0 |
|                      | 4H                   | 5.5 | 6.3 | 5.9 | 6.7 | 7.1                | 3.7 | 3.7 | 3.7 | 3.9 |
|                      | 6H                   | 5.4 | 6.2 | 5.8 | 6.5 | 6.9                | 3.7 | 3.7 | 3.7 | 3.8 |
|                      | 8H                   | 5.3 | 6.1 | 5.8 | 6.5 | 6.9                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 12H                  | 5.3 | 6.0 | 5.7 | 6.4 | 6.8                | 3.7 | 3.7 | 3.7 | 3.7 |
| 4H                   | 2H                   | 5.4 | 6.3 | 5.8 | 6.6 | 7.0                | 3.7 | 3.7 | 3.7 | 3.9 |
|                      | 3H                   | 5.3 | 6.0 | 5.7 | 6.4 | 6.8                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 4H                   | 5.3 | 5.8 | 5.7 | 6.3 | 6.7                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 6H                   | 5.2 | 5.7 | 5.6 | 6.1 | 6.6                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 8H                   | 5.1 | 5.6 | 5.6 | 6.1 | 6.5                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 12H                  | 5.1 | 5.5 | 5.6 | 6.0 | 6.5                | 3.7 | 3.7 | 3.7 | 3.7 |
| 8H                   | 4H                   | 5.1 | 5.6 | 5.6 | 6.0 | 6.5                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 6H                   | 5.0 | 5.4 | 5.5 | 5.9 | 6.4                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 8H                   | 5.0 | 5.3 | 5.5 | 5.9 | 6.4                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 12H                  | 5.0 | 5.3 | 5.6 | 5.8 | 6.4                | 3.7 | 3.7 | 3.7 | 3.7 |
| 12H                  | 4H                   | 5.0 | 5.4 | 5.5 | 5.9 | 6.4                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 6H                   | 5.0 | 5.3 | 5.5 | 5.8 | 6.3                | 3.7 | 3.7 | 3.7 | 3.7 |
|                      | 8H                   | 5.0 | 5.3 | 5.5 | 5.8 | 6.3                | 3.7 | 3.7 | 3.7 | 3.7 |

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.