

# LEDALITE - TG RECESSED MICRO

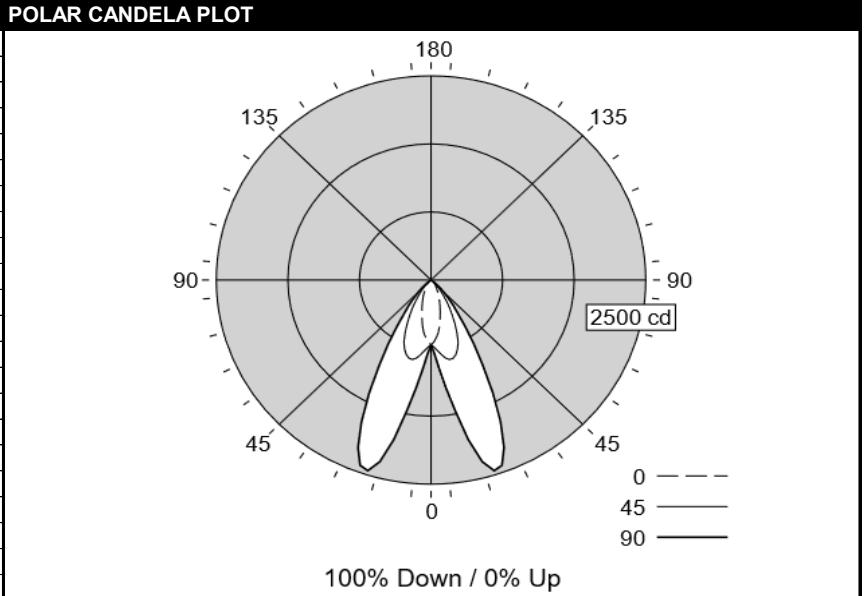


by @ignify

TEST DATE: 05 Feb 2022 CATALOG NO: 2301L930NSBFF15xx

|                         |              |                               |                             |
|-------------------------|--------------|-------------------------------|-----------------------------|
| Lamp Type:              | LED          | Description:                  | BLK STK LVR 1500LM DOWN 930 |
| No. of Lamps:           | 96           |                               |                             |
| Rated Lamp Lumens:      | -1           | Flux (lm), Efficiency (%):    | 1177 lm 100%                |
| Input Watts:            | 347 VAC 12.6 | Up/Dn Ratio, Efficacy (lm/W): | 100% Down / 0% Up 93.4      |
| CIE-IES Classification: | Direct       | Report:                       | LNG08434                    |

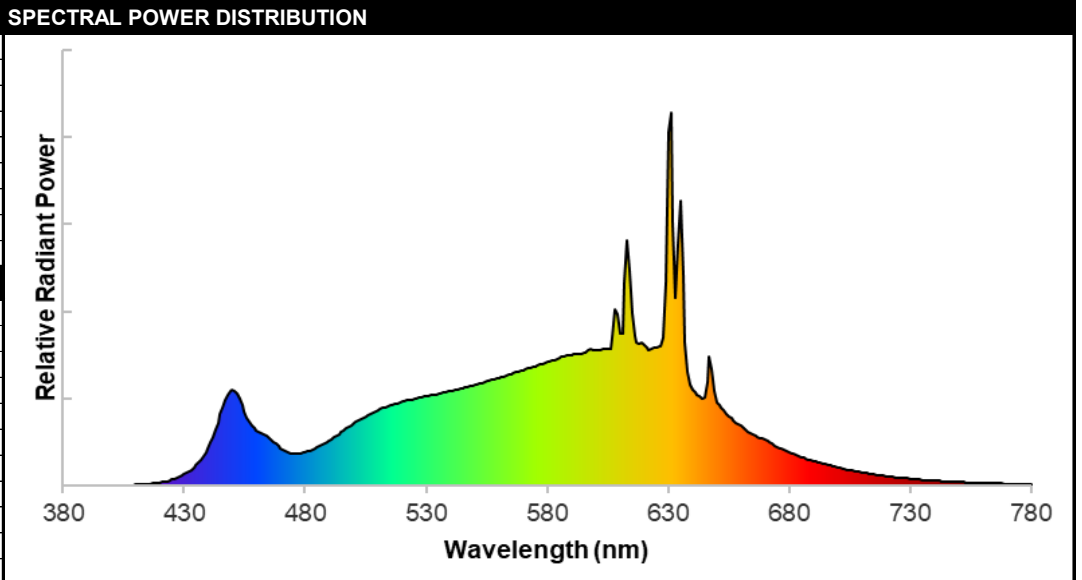
| CANDELA DISTRIBUTION |     |      |     |      |      |        | Flux |
|----------------------|-----|------|-----|------|------|--------|------|
|                      | 0   | 22.5 | 45  | 67.5 | 90   | Lumens |      |
| 0                    | 793 | 793  | 793 | 793  | 793  |        |      |
| 5                    | 708 | 764  | 868 | 953  | 1091 | 88     |      |
| 15                   | 412 | 557  | 992 | 1752 | 2304 | 323    |      |
| 25                   | 215 | 317  | 716 | 1605 | 1917 | 412    |      |
| 35                   | 99  | 149  | 310 | 604  | 688  | 236    |      |
| 45                   | 49  | 58   | 85  | 174  | 204  | 91     |      |
| 55                   | 21  | 25   | 22  | 25   | 13   | 23     |      |
| 65                   | 2   | 3    | 2   | 2    | 2    | 3      |      |
| 75                   | 1   | 1    | 1   | 1    | 0    | 1      |      |
| 85                   | 0   | 1    | 0   | 0    | 0    | 0      |      |
| 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°)  |   | 792.7  | 0.0    |              | Pw---                                | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   |
| Direct: Peak Candela & Angle (90°)   |   | 2448.8 | 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    | 2.1    | 0.505        | 5                                    | 91  | 83  | 77  | 72  | 90  | 82  | 76  | 80  | 75  | 71  | 69  |
| x, y, CCT, D <sub>uv</sub>   |   | 0.4325 | 0.4005 | 3047 -0.0008 | 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     | 57     | 99 93        | 7                                    | 82  | 72  | 66  | 62  | 81  | 72  | 66  | 71  | 65  | 61  | 59  |
| TM-30-18 R <sub>f</sub> , R <sub>f,h1</sub> , R <sub>g</sub> , R <sub>g,h1</sub> |   | 91     | 90     | 100 -5%      | 8                                    | 78  | 68  | 62  | 58  | 77  | 67  | 62  | 66  | 61  | 57  | 55  |
| 120V: P(W), I(A), THD(%), PF   |   | 12.3   | 0.103  | 12.7 0.989   | 9                                    | 74  | 64  | 58  | 54  | 73  | 64  | 58  | 63  | 57  | 54  | 52  |
| 277V: P(W), I(A), THD(%), PF   |   | 12.5   | 0.049  | 17.2 0.925   | 10                                   | 70  | 60  | 54  | 50  | 69  | 60  | 54  | 59  | 54  | 50  | 49  |
| 347V: P(W), I(A), THD(%), PF   |   | 12.6   | 0.039  | 13.4 0.933   | *Based on a floor reflectance of 0.2 |     |     |     |     |     |     |     |     |     |     |     |

**ZONAL LUMENS (lm)**

| Zone   | Lumens | %Fixture | %Lamp  |
|--------|--------|----------|--------|
| 0-30   | 823    | 70.0%    | 70.0%  |
| 0-40   | 1059   | 90.0%    | 90.0%  |
| 0-60   | 1173   | 99.7%    | 99.7%  |
| 0-90   | 1177   | 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  | 1177   | 100.0%   | 100.0% |



**AVG LUMINANCE (cd/m²)**

|    | 0     | 45    | 90    |
|----|-------|-------|-------|
| 0  | 16403 | 16403 | 16403 |
| 5  | 14706 | 18036 | 22659 |
| 15 | 8817  | 21255 | 49355 |
| 25 | 4913  | 16345 | 43768 |
| 35 | 2493  | 7831  | 17372 |
| 45 | 1434  | 2479  | 5976  |
| 55 | 743   | 794   | 480   |
| 65 | 88    | 113   | 78    |
| 75 | 48    | 40    | 24    |
| 85 | 47    | 24    | 0     |

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

|              |             |               |                     |
|--------------|-------------|---------------|---------------------|
| Test Number: | T20201106   | Manufacturer: | Ledalite by Signify |
| Date:        | 27 Aug 2020 | Model:        | TruGroove Suspended |

|   |         |                                       |        |
|---|---------|---------------------------------------|--------|
| Correlated Colour Temperature ( $T_{cp}$ ) in K | 3047    | CIE1931 chromaticity coordinate, $x$  | 0.4325 |
| Distance to Blackbody Locus ( $D_{uv}$ )        | -0.0008 | CIE1931 chromaticity coordinate, $y$  | 0.4005 |
| General Colour Rendering Index ( $R_a$ )        | 93      | CIE1976 chromaticity coordinate, $u'$ | 0.2492 |
| Red Rendering Index ( $R_9$ )                   | 57      | CIE1976 chromaticity coordinate, $v'$ | 0.5193 |
| Colour Gamut Index ( $G_a$ )                    | 99      |                                       |        |
| Red Chroma Index ( $C_9$ )                      | 93      |                                       |        |



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

Source: T20201106

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.

$x$  0.4325

$y$  0.4005

$u'$  0.2492

$v'$  0.5193

| 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    | 0.00340 | 470    | 0.02160 | 515    | 0.04600 | 560    | 0.06190 | 605    | 0.07820 | 650    | 0.04760 | 695    | 0.01220 | 740    | 0.00290 |
| 381                         | 0.00020 | 426    | 0.00390 | 471    | 0.02070 | 516    | 0.04650 | 561    | 0.06220 | 606    | 0.07860 | 651    | 0.04590 | 696    | 0.01180 | 741    | 0.00280 |
| 382                         | 0.00010 | 427    | 0.00440 | 472    | 0.01970 | 517    | 0.04680 | 562    | 0.06270 | 607    | 0.08480 | 652    | 0.04510 | 697    | 0.01150 | 742    | 0.00270 |
| 383                         | 0.00010 | 428    | 0.00500 | 473    | 0.01920 | 518    | 0.04730 | 563    | 0.06320 | 608    | 0.10100 | 653    | 0.04310 | 698    | 0.01110 | 743    | 0.00260 |
| 384                         | 0.00010 | 429    | 0.00570 | 474    | 0.01870 | 519    | 0.04770 | 564    | 0.06350 | 609    | 0.09830 | 654    | 0.04120 | 699    | 0.01070 | 744    | 0.00250 |
| 385                         | 0.00010 | 430    | 0.00640 | 475    | 0.01840 | 520    | 0.04820 | 565    | 0.06400 | 610    | 0.08750 | 655    | 0.03990 | 700    | 0.01040 | 745    | 0.00250 |
| 386                         | 0.00010 | 431    | 0.00720 | 476    | 0.01840 | 521    | 0.04850 | 566    | 0.06440 | 611    | 0.08720 | 656    | 0.03890 | 701    | 0.01010 | 746    | 0.00240 |
| 387                         | 0.00010 | 432    | 0.00820 | 477    | 0.01850 | 522    | 0.04890 | 567    | 0.06490 | 612    | 0.11660 | 657    | 0.03730 | 702    | 0.00980 | 747    | 0.00230 |
| 388                         | 0.00010 | 433    | 0.00910 | 478    | 0.01870 | 523    | 0.04900 | 568    | 0.06550 | 613    | 0.14100 | 658    | 0.03590 | 703    | 0.00940 | 748    | 0.00220 |
| 389                         | 0.00000 | 434    | 0.01040 | 479    | 0.01890 | 524    | 0.04950 | 569    | 0.06580 | 614    | 0.12350 | 659    | 0.03510 | 704    | 0.00920 | 749    | 0.00220 |
| 390                         | 0.00010 | 435    | 0.01160 | 480    | 0.01930 | 525    | 0.04980 | 570    | 0.06640 | 615    | 0.09880 | 660    | 0.03430 | 705    | 0.00890 | 750    | 0.00210 |
| 391                         | 0.00010 | 436    | 0.01310 | 481    | 0.01970 | 526    | 0.05010 | 571    | 0.06670 | 616    | 0.08610 | 661    | 0.03330 | 706    | 0.00860 | 751    | 0.00200 |
| 392                         | 0.00010 | 437    | 0.01490 | 482    | 0.02020 | 527    | 0.05050 | 572    | 0.06720 | 617    | 0.08210 | 662    | 0.03200 | 707    | 0.00840 | 752    | 0.00190 |
| 393                         | 0.00010 | 438    | 0.01670 | 483    | 0.02070 | 528    | 0.05060 | 573    | 0.06770 | 618    | 0.08180 | 663    | 0.03090 | 708    | 0.00810 | 753    | 0.00190 |
| 394                         | 0.00010 | 439    | 0.01900 | 484    | 0.02120 | 529    | 0.05100 | 574    | 0.06830 | 619    | 0.08230 | 664    | 0.03000 | 709    | 0.00780 | 754    | 0.00180 |
| 395                         | 0.00010 | 440    | 0.02170 | 485    | 0.02200 | 530    | 0.05140 | 575    | 0.06850 | 620    | 0.08040 | 665    | 0.02920 | 710    | 0.00760 | 755    | 0.00180 |
| 396                         | 0.00010 | 441    | 0.02480 | 486    | 0.02250 | 531    | 0.05140 | 576    | 0.06920 | 621    | 0.07900 | 666    | 0.02850 | 711    | 0.00730 | 756    | 0.00170 |
| 397                         | 0.00010 | 442    | 0.02830 | 487    | 0.02320 | 532    | 0.05190 | 577    | 0.06950 | 622    | 0.07760 | 667    | 0.02780 | 712    | 0.00710 | 757    | 0.00170 |
| 398                         | 0.00010 | 443    | 0.03230 | 488    | 0.02390 | 533    | 0.05220 | 578    | 0.06990 | 623    | 0.07830 | 668    | 0.02730 | 713    | 0.00690 | 758    | 0.00160 |
| 399                         | 0.00010 | 444    | 0.03630 | 489    | 0.02480 | 534    | 0.05240 | 579    | 0.07040 | 624    | 0.07890 | 669    | 0.02720 | 714    | 0.00670 | 759    | 0.00160 |
| 400                         | 0.00010 | 445    | 0.04090 | 490    | 0.02570 | 535    | 0.05290 | 580    | 0.07090 | 625    | 0.07940 | 670    | 0.02680 | 715    | 0.00640 | 760    | 0.00150 |
| 401                         | 0.00020 | 446    | 0.04490 | 491    | 0.02650 | 536    | 0.05310 | 581    | 0.07120 | 626    | 0.07960 | 671    | 0.02560 | 716    | 0.00620 | 761    | 0.00150 |
| 402                         | 0.00020 | 447    | 0.04910 | 492    | 0.02760 | 537    | 0.05340 | 582    | 0.07190 | 627    | 0.07970 | 672    | 0.02480 | 717    | 0.00600 | 762    | 0.00140 |
| 403                         | 0.00020 | 448    | 0.05230 | 493    | 0.02860 | 538    | 0.05370 | 583    | 0.07220 | 628    | 0.08480 | 673    | 0.02390 | 718    | 0.00590 | 763    | 0.00140 |
| 404                         | 0.00020 | 449    | 0.05450 | 494    | 0.02950 | 539    | 0.05410 | 584    | 0.07280 | 629    | 0.11660 | 674    | 0.02300 | 719    | 0.00570 | 764    | 0.00130 |
| 405                         | 0.00030 | 450    | 0.05530 | 495    | 0.03060 | 540    | 0.05430 | 585    | 0.07330 | 630    | 0.20300 | 675    | 0.02240 | 720    | 0.00550 | 765    | 0.00130 |
| 406                         | 0.00030 | 451    | 0.05450 | 496    | 0.03150 | 541    | 0.05460 | 586    | 0.07380 | 631    | 0.21390 | 676    | 0.02160 | 721    | 0.00530 | 766    | 0.00130 |
| 407                         | 0.00030 | 452    | 0.05270 | 497    | 0.03270 | 542    | 0.05510 | 587    | 0.07440 | 632    | 0.15070 | 677    | 0.02100 | 722    | 0.00510 | 767    | 0.00130 |
| 408                         | 0.00030 | 453    | 0.04970 | 498    | 0.03370 | 543    | 0.05530 | 588    | 0.07450 | 633    | 0.10790 | 678    | 0.02040 | 723    | 0.00500 | 768    | 0.00120 |
| 409                         | 0.00040 | 454    | 0.04600 | 499    | 0.03460 | 544    | 0.05570 | 589    | 0.07480 | 634    | 0.13820 | 679    | 0.01980 | 724    | 0.00480 | 769    | 0.00120 |
| 410                         | 0.00050 | 455    | 0.04250 | 500    | 0.03560 | 545    | 0.05590 | 590    | 0.07490 | 635    | 0.16360 | 680    | 0.01920 | 725    | 0.00470 | 770    | 0.00110 |
| 411                         | 0.00050 | 456    | 0.03910 | 501    | 0.03650 | 546    | 0.05640 | 591    | 0.07530 | 636    | 0.12070 | 681    | 0.01860 | 726    | 0.00450 | 771    | 0.00100 |
| 412                         | 0.00060 | 457    | 0.03640 | 502    | 0.03750 | 547    | 0.05670 | 592    | 0.07550 | 637    | 0.08220 | 682    | 0.01810 | 727    | 0.00430 | 772    | 0.00110 |
| 413                         | 0.00070 | 458    | 0.03440 | 503    | 0.03810 | 548    | 0.05720 | 593    | 0.07560 | 638    | 0.06520 | 683    | 0.01750 | 728    | 0.00420 | 773    | 0.00100 |
| 414                         | 0.00080 | 459    | 0.03270 | 504    | 0.03900 | 549    | 0.05730 | 594    | 0.07580 | 639    | 0.05830 | 684    | 0.01700 | 729    | 0.00410 | 774    | 0.00100 |
| 415                         | 0.00090 | 460    | 0.03170 | 505    | 0.03980 | 550    | 0.05770 | 595    | 0.07590 | 640    | 0.05530 | 685    | 0.01650 | 730    | 0.00400 | 775    | 0.00100 |
| 416                         | 0.00100 | 461    | 0.03070 | 506    | 0.04060 | 551    | 0.05810 | 596    | 0.07650 | 641    | 0.05350 | 686    | 0.01600 | 731    | 0.00380 | 776    | 0.00090 |
| 417                         | 0.00120 | 462    | 0.03020 | 507    | 0.04130 | 552    | 0.05860 | 597    | 0.07800 | 642    | 0.05200 | 687    | 0.01560 | 732    | 0.00370 | 777    | 0.00090 |
| 418                         | 0.00140 | 463    | 0.02950 | 508    | 0.04190 | 553    | 0.05900 | 598    | 0.07860 | 643    | 0.05110 | 688    | 0.01500 | 733    | 0.00360 | 778    | 0.00090 |
| 419                         | 0.00150 | 464    | 0.02880 | 509    | 0.04270 | 554    | 0.05950 | 599    | 0.07770 | 644    | 0.05030 | 689    | 0.01470 | 734    | 0.00350 | 779    | 0.00090 |
| 420                         | 0.00180 | 465    | 0.02780 | 510    | 0.04330 | 555    | 0.05980 | 600    | 0.07750 | 645    | 0.05050 | 690    | 0.01420 | 735    | 0.00330 | 780    | 0.00090 |
| 421                         | 0.00200 | 466    | 0.02670 | 511    | 0.04390 | 556    | 0.06010 | 601    | 0.07770 | 646    | 0.05910 | 691    | 0.01380 | 736    | 0.00330 |        |         |
| 422                         | 0.00230 | 467    | 0.02530 | 512    | 0.04450 | 557    | 0.06060 | 602    | 0.07770 | 647    | 0.07410 | 692    | 0.01340 | 737    | 0.00320 |        |         |
| 423                         | 0.00260 | 468    | 0.02390 | 513    | 0.04500 | 558    | 0.06090 | 603    | 0.07820 | 648    | 0.06670 | 693    | 0.01300 | 738    | 0.00310 |        |         |
| 424                         | 0.00300 | 469    | 0.02280 | 514    | 0.04550 | 559    | 0.06140 | 604    | 0.07830 | 649    | 0.05430 | 694    | 0.01260 | 739    | 0.00300 |        |         |

| 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                 | 2.6 | 3.6 | 3.0 | 3.9 | 4.3                | 0.6 | 0.6 | 0.6 | 0.8 | 1.1 |
|                      | 3H                   | 2.5 | 3.4 | 2.9 | 3.7 | 4.1                | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 |
|                      | 4H                   | 2.4 | 3.2 | 2.8 | 3.6 | 4.0                | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
|                      | 6H                   | 2.3 | 3.1 | 2.8 | 3.4 | 3.8                | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 |
|                      | 8H                   | 2.3 | 3.0 | 2.7 | 3.4 | 3.8                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 12H                  | 2.2 | 2.9 | 2.7 | 3.3 | 3.7                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 4H                   | 2H                   | 2.4 | 3.2 | 2.8 | 3.5 | 3.9                | 0.6 | 0.6 | 0.6 | 0.6 | 0.8 |
|                      | 3H                   | 2.3 | 2.9 | 2.7 | 3.3 | 3.7                | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 |
|                      | 4H                   | 2.2 | 2.8 | 2.6 | 3.2 | 3.6                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 6H                   | 2.1 | 2.6 | 2.6 | 3.1 | 3.5                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 8H                   | 2.1 | 2.5 | 2.5 | 3.0 | 3.5                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 12H                  | 2.0 | 2.4 | 2.5 | 2.9 | 3.4                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 8H                   | 4H                   | 2.0 | 2.5 | 2.5 | 2.9 | 3.4                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 6H                   | 1.9 | 2.3 | 2.4 | 2.8 | 3.3                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 8H                   | 1.9 | 2.3 | 2.5 | 2.8 | 3.3                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 12H                  | 2.0 | 2.3 | 2.5 | 2.8 | 3.3                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 12H                  | 4H                   | 1.9 | 2.3 | 2.4 | 2.8 | 3.3                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 6H                   | 1.9 | 2.2 | 2.4 | 2.7 | 3.2                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
|                      | 8H                   | 1.9 | 2.2 | 2.4 | 2.7 | 3.3                | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |

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.