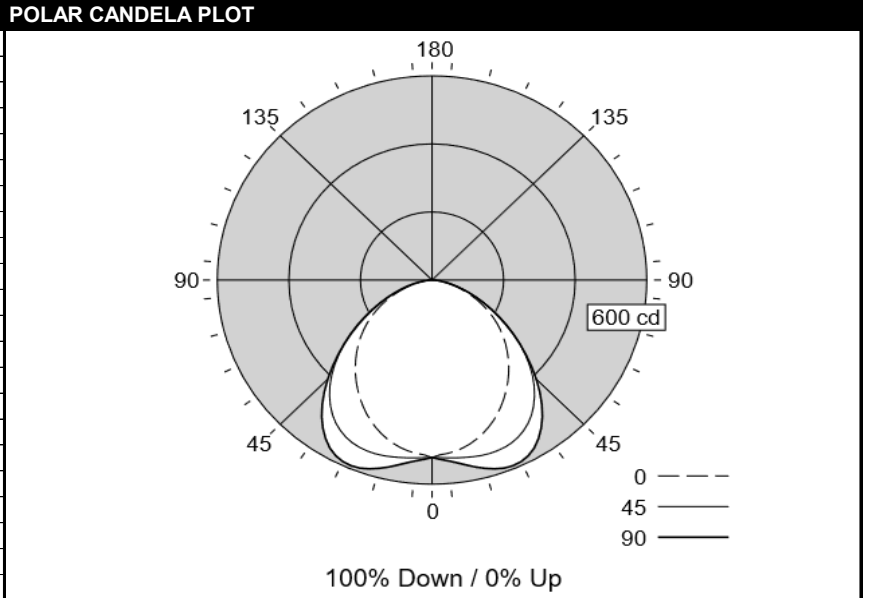


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L95015QN

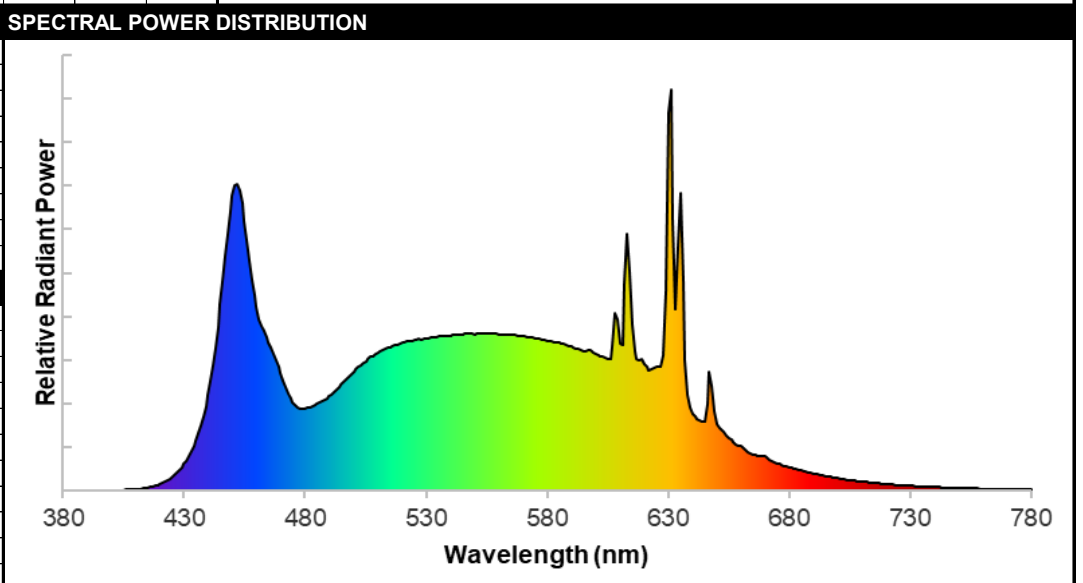
| | | | |
|--------------------------------|--------------|--------------------------------------|-------------------------|
| Lamp Type: | LED | Description: | DIRECT MESO 1500LM 950 |
| No. of Lamps: | 88 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 1500 lm 100% |
| Input Watts: | 277 VAC 14.7 | Up/Dn Ratio, Efficacy (lm/W): | 100% Down / 0% Up 102.0 |
| CIE-IES Classification: | Direct | Report: | LNG01207 |

| | Flux | | | | | |
|-----|------|------|-----|------|-----|--------|
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 522 | 522 | 522 | 522 | 522 | |
| 5 | 511 | 519 | 525 | 530 | 534 | 50 |
| 15 | 484 | 503 | 534 | 562 | 573 | 151 |
| 25 | 433 | 467 | 528 | 573 | 589 | 239 |
| 35 | 369 | 410 | 485 | 524 | 532 | 291 |
| 45 | 297 | 335 | 397 | 414 | 412 | 289 |
| 55 | 221 | 244 | 280 | 282 | 277 | 236 |
| 65 | 139 | 148 | 163 | 162 | 159 | 155 |
| 75 | 63 | 66 | 71 | 71 | 71 | 74 |
| 85 | 12 | 12 | 13 | 14 | 14 | 16 |
| 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 | 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°) | 521.6 | 0.0 | | Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | |
| Direct: Peak Candela & Angle (90°) | 590.9 | 22.5 | | RCR | | | | | | | | | | | | |
| Spacing Criteria (0°, 90°, 180°) | 1.16 | 1.51 | N/A | 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 | |
| Beam (H, V), Field (H, V) | 107.3 | 94.2 | 154.0 | 149.8 | 1 | 110 | 105 | 101 | 98 | 107 | 103 | 99 | 99 | 96 | 93 | 85 |
| 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 | 61 |
| Luminous Width, Length, Height (ft) | 0.25 | 4.00 | 0.00 | | 4 | 84 | 73 | 64 | 58 | 82 | 71 | 63 | 69 | 62 | 56 | 53 |
| DLC, UGR (4H x 8H, 1.0H), MDER | N/A | 20.7 | 0.809 | | 5 | 77 | 65 | 56 | 50 | 75 | 64 | 56 | 62 | 55 | 49 | 46 |
| x, y, CCT, D _{uv} | 0.3420 | 0.3512 | 5121 | 0.0011 | 6 | 72 | 59 | 50 | 44 | 70 | 58 | 49 | 56 | 48 | 43 | 40 |
| CRI (R _a), R _g , G _a , C _g | 93 | 68 | 99 | 94 | 7 | 66 | 53 | 45 | 39 | 65 | 52 | 44 | 51 | 43 | 38 | 36 |
| TM-30-18 R _f , R _{h1} , R _g , R _{mh1} | 90 | 89 | 100 | -5% | 8 | 62 | 48 | 40 | 34 | 60 | 48 | 40 | 46 | 39 | 34 | 32 |
| 120V: P(W), I(A), THD(%), PF | 14.5 | 0.122 | 11.0 | 0.991 | 9 | 58 | 44 | 36 | 31 | 56 | 44 | 36 | 43 | 36 | 31 | 29 |
| 277V: P(W), I(A), THD(%), PF | 14.7 | 0.056 | 15.5 | 0.940 | 10 | 54 | 41 | 33 | 28 | 53 | 41 | 33 | 40 | 33 | 28 | 26 |
| 347V: P(W), I(A), THD(%), PF | 14.7 | 0.045 | 13.2 | 0.944 | *Based on a floor reflectance of 0.2 | | | | | | | | | | | |

| Zone | Lumens | %Fixture | %Lamp |
|--------|--------|----------|--------|
| 0-30 | 440 | 29.3% | 29.3% |
| 0-40 | 731 | 48.8% | 48.8% |
| 0-60 | 1256 | 83.7% | 83.7% |
| 0-90 | 1500 | 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 | 1500 | 100.0% | 100.0% |

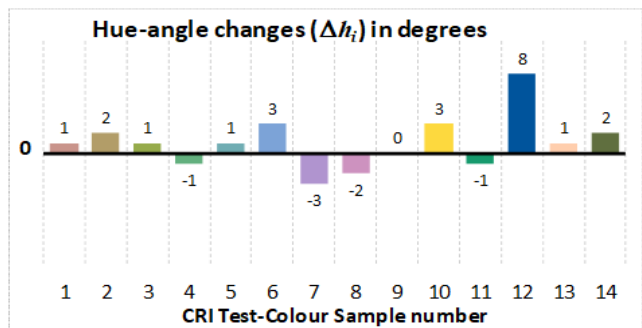
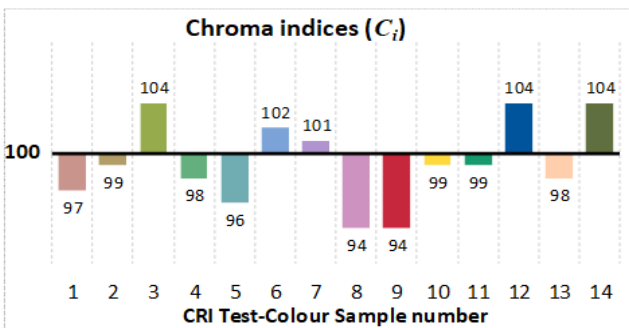
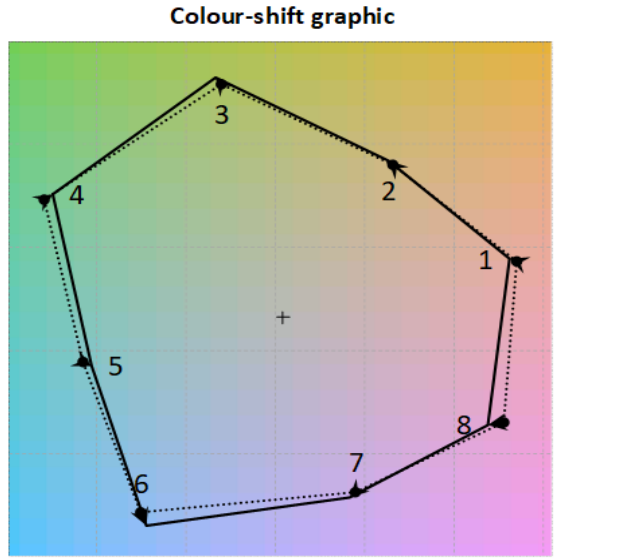
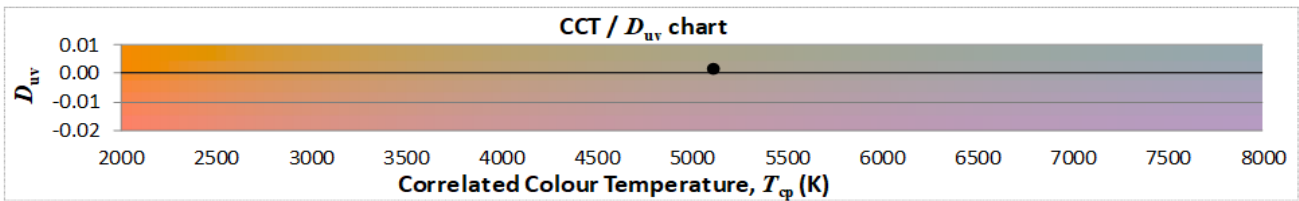
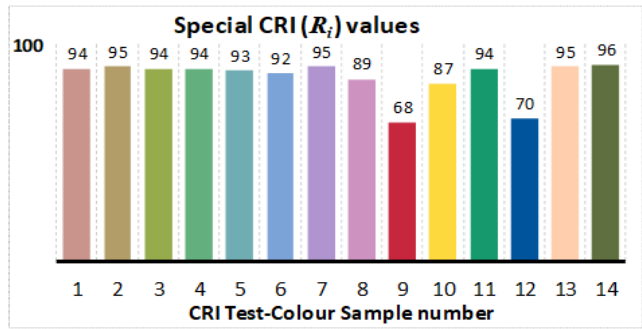
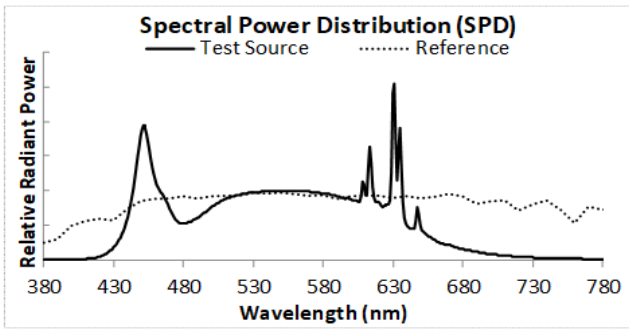


| | 0 | 45 | 90 |
|----|------|------|------|
| 0 | 5612 | 5612 | 5612 |
| 5 | 5524 | 5667 | 5766 |
| 15 | 5387 | 5947 | 6383 |
| 25 | 5144 | 6264 | 6993 |
| 35 | 4842 | 6364 | 6984 |
| 45 | 4524 | 6038 | 6266 |
| 55 | 4151 | 5249 | 5202 |
| 65 | 3549 | 4145 | 4051 |
| 75 | 2632 | 2948 | 2935 |
| 85 | 1457 | 1617 | 1679 |

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

| | | | |
|---------------------|-------------|----------------------|---------------------|
| Test Number: | T20201109 | Manufacturer: | Ledalite by Signify |
| Date: | 27 Aug 2020 | Model: | TruGroove Suspended |

| | | | |
|---|--------|---|--------|
| Correlated Colour Temperature (T_{cp}) in K | 5121 | CIE1931 chromaticity coordinate, x | 0.3420 |
| Distance to Blackbody Locus (D_{uv}) | 0.0011 | CIE1931 chromaticity coordinate, y | 0.3512 |
| General Colour Rendering Index (R_a) | 93 | CIE1976 chromaticity coordinate, u' | 0.2095 |
| Red Rendering Index (R_9) | 68 | CIE1976 chromaticity coordinate, v' | 0.4840 |
| Colour Gamut Index (G_a) | 99 | | |
| Red Chroma Index (C_9) | 94 | | |



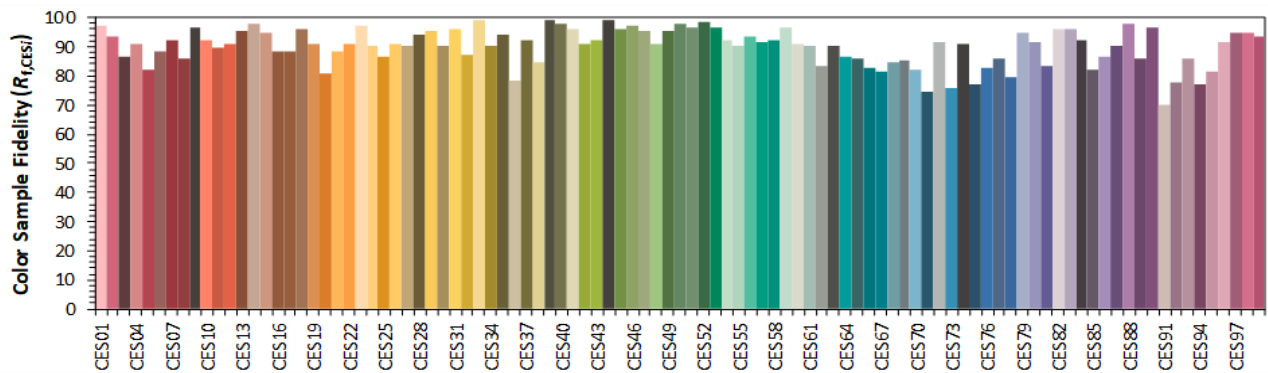
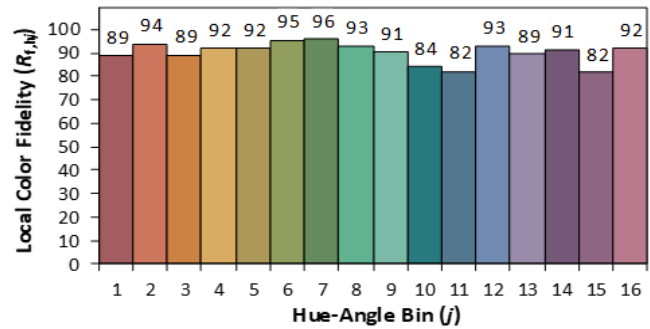
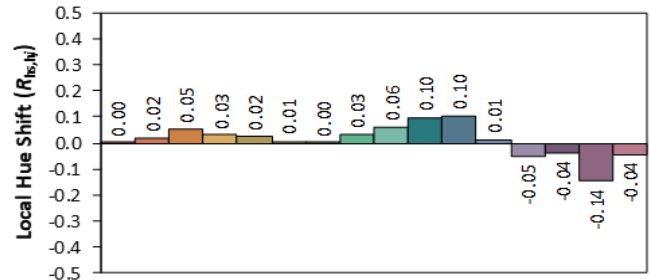
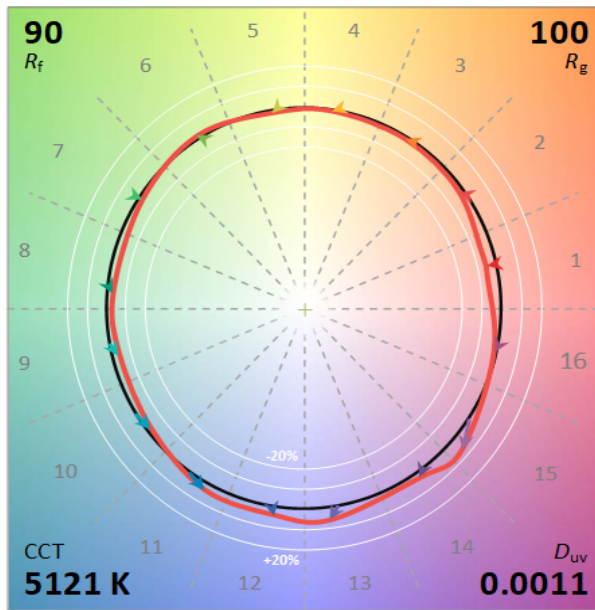
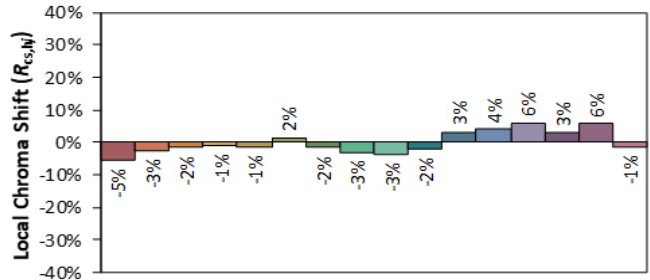
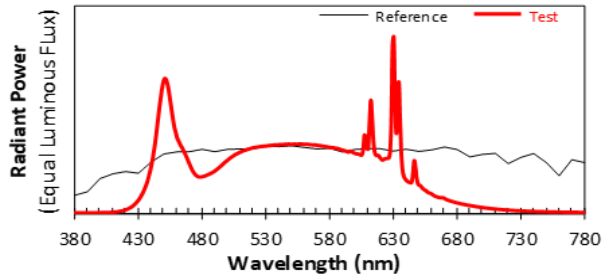
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201109

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 0.3420

y 0.3512

u' 0.2095

v' 0.4840

