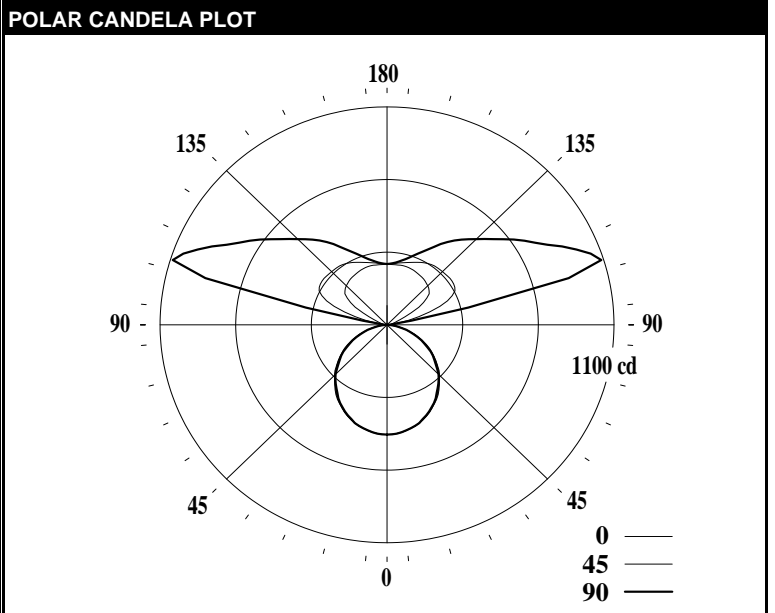


LEDALITE - TRUGROOVE SUSPENDED

| | | | |
|--------------------------------|-----------------|--------------------------------------|---|
| TEST DATE: | 05 Jun 2019 | CATALOG NO: | 29x5LBDLQ |
| Lamp Type: | LED | Description: | TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED STD/MID 835 |
| No. of Lamps: | 176 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 3504 lm 100.0% |
| Input Watts: | 277 VAC 27.7 | Up/Dn Ratio, Efficacy (lm/W): | 56% Up / 44% Dn 126.5 |
| CIE-IES Classification: | Direct-Indirect | Report (Ele, Col, Photo): | TGSEI-21 T20190610 MLNG120 |

| CANDELA DISTRIBUTION | | | | | | |
|----------------------|------|------|-----|------|-----|--------|
| | Flux | | | | | |
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 554 | 554 | 554 | 554 | 554 | |
| 5 | 550 | 552 | 551 | 552 | 551 | 52 |
| 15 | 529 | 531 | 528 | 529 | 527 | 149 |
| 25 | 487 | 490 | 485 | 485 | 483 | 224 |
| 35 | 431 | 433 | 427 | 428 | 420 | 268 |
| 45 | 360 | 364 | 356 | 357 | 353 | 276 |
| 55 | 279 | 283 | 275 | 278 | 271 | 248 |
| 65 | 191 | 192 | 184 | 189 | 184 | 187 |
| 75 | 96 | 106 | 95 | 99 | 97 | 105 |
| 85 | 20 | 24 | 19 | 23 | 21 | 26 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 10 | 10 | 14 | 15 | 17 | 20 |
| 105 | 33 | 39 | 159 | 530 | 912 | 280 |
| 115 | 96 | 118 | 348 | 716 | 936 | 421 |
| 125 | 235 | 260 | 385 | 628 | 750 | 394 |
| 135 | 279 | 298 | 380 | 542 | 612 | 323 |
| 145 | 294 | 312 | 372 | 473 | 511 | 245 |
| 155 | 304 | 316 | 348 | 395 | 408 | 164 |
| 165 | 309 | 312 | 325 | 340 | 343 | 93 |
| 175 | 305 | 308 | 310 | 313 | 312 | 30 |
| 180 | 307 | 307 | 307 | 307 | 307 | |



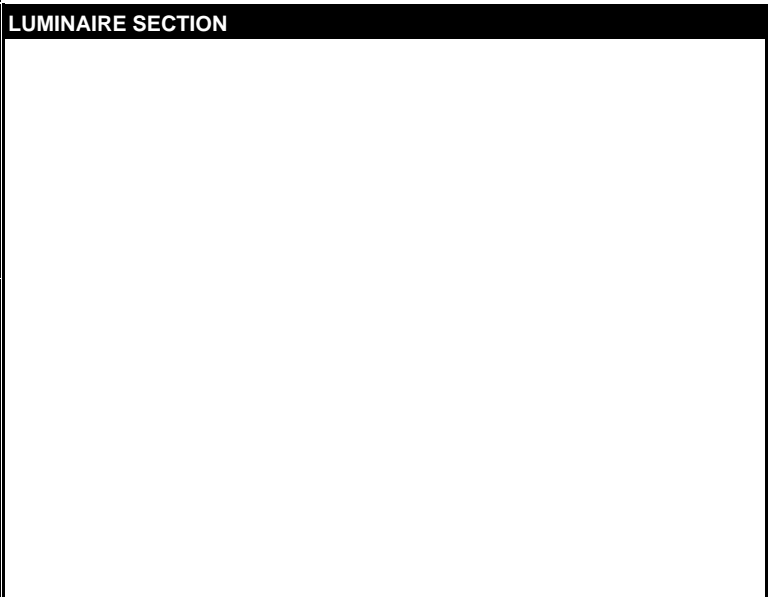
| CHARACTERISTICS | | | | |
|--|---|--------|------|--------|
| RP1 | Meets RP-1-12 recommendations for VDT-Critical spaces | | | |
| Direct: Peak Candela & Angle (0deg) | 554.0 | 0.0 | | |
| Direct: Peak Candela & Angle (90deg) | 554.0 | 0.0 | | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.24 | 1.22 | N/A | |
| Indirect: Peak Candela & Angle | 1088.8 | 107.5 | | |
| Indirect: Zenith Candela, Peak to Zenith | 307.2 | 3.54 | | |
| Luminous Length, Width, Height (ft) | 0.25 | 4.00 | 0.00 | |
| UGR (4H x 8H, 0.25H) | | | N/A | |
| Ballast Factor, Multiplication Factor | 1.000 | 1.000 | | |
| DLC (120/277), DLC (347) | N/A | N/A | | |
| x, y, CCT, Duv | 0.4061 | 0.3914 | 3487 | 0.0001 |
| CRI (Ra), R9 | 82 | 12 | | |
| 120V: P(W), I(A), THD(%), PF | 27.3 | 0.230 | 11.5 | 0.991 |
| 277V: P(W), I(A), THD(%), PF | 27.7 | 0.106 | 16.1 | 0.940 |
| 347V: P(W), I(A), THD(%), PF | 28.2 | 0.086 | 12.5 | 0.949 |

| COEFFICIENTS OF UTILIZATION (%) | | | | | | | | | | | | | |
|---------------------------------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|---|
| Pc--- | 80 | | | | 70 | | | | 50 | | | | 0 |
| Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | 0 | |
| RCR | 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 80 | 80 | 80 | 44 | |
| | 1 | 96 | 92 | 88 | 85 | 88 | 84 | 81 | 70 | 68 | 65 | 37 | |
| | 2 | 88 | 80 | 74 | 69 | 80 | 74 | 68 | 61 | 57 | 54 | 31 | |
| | 3 | 80 | 70 | 63 | 57 | 73 | 65 | 58 | 54 | 49 | 45 | 26 | |
| | 4 | 73 | 62 | 54 | 48 | 66 | 57 | 50 | 48 | 42 | 38 | 22 | |
| | 5 | 67 | 55 | 47 | 41 | 61 | 51 | 44 | 43 | 37 | 33 | 19 | |
| | 6 | 62 | 49 | 41 | 36 | 56 | 46 | 38 | 38 | 33 | 29 | 17 | |
| | 7 | 57 | 45 | 37 | 31 | 52 | 41 | 34 | 35 | 29 | 25 | 15 | |
| | 8 | 53 | 40 | 33 | 27 | 48 | 37 | 30 | 32 | 26 | 22 | 13 | |
| | 9 | 49 | 37 | 29 | 24 | 45 | 34 | 27 | 29 | 24 | 20 | 12 | |
| | 10 | 46 | 34 | 27 | 22 | 42 | 31 | 25 | 27 | 21 | 18 | 11 | |

*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 426 | 12.2% | 12.2% |
| 0-40 | 694 | 19.8% | 19.8% |
| 0-60 | 1217 | 34.7% | 34.7% |
| 0-90 | 1535 | 43.8% | 43.8% |
| 90-130 | 1114 | 31.8% | 31.8% |
| 90-150 | 1682 | 48.0% | 48.0% |
| 90-180 | 1969 | 56.2% | 56.2% |
| 0-180 | 3504 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|------|------|------|
| | 0 | 45 | 90 |
| 0 | 5961 | 5961 | 5961 |
| 5 | 5941 | 5950 | 5951 |
| 15 | 5891 | 5882 | 5873 |
| 25 | 5783 | 5758 | 5730 |
| 35 | 5665 | 5610 | 5510 |
| 45 | 5480 | 5419 | 5372 |
| 55 | 5228 | 5149 | 5082 |
| 65 | 4855 | 4692 | 4677 |
| 75 | 3991 | 3933 | 4016 |
| 85 | 2469 | 2395 | 2605 |



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