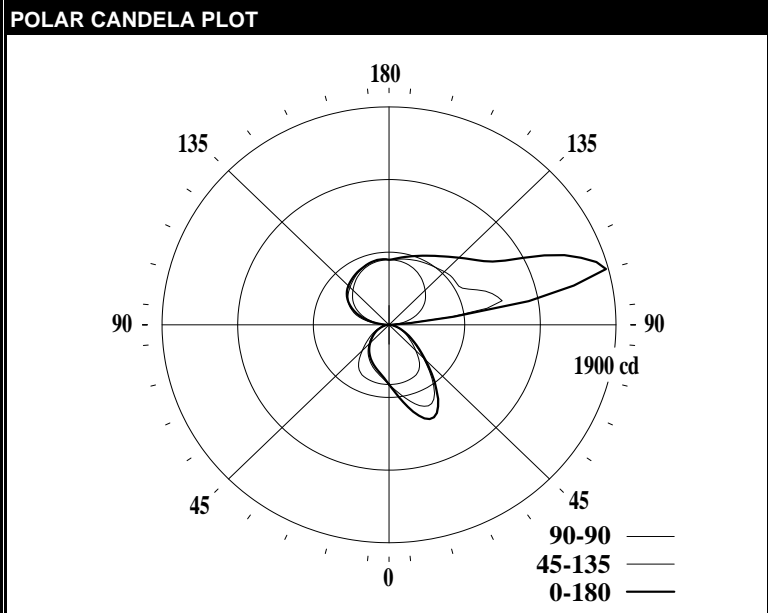


LEDALITE - TRUGROOVE SUSPENDED

| | | | | | | |
|--------------------------------|---------------|--|--------------------------------------|---|-----------|---------|
| TEST DATE: | 05 Jun 2019 | | CATALOG NO: | 29x5LACWW | | |
| Lamp Type: | LED | | Description: | TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED MID/HI 840 | | |
| No. of Lamps: | 176 | | Flux (lm), Efficiency (%): | 4490 lm | | 100.0% |
| Rated Lamp Lumens: | -1 | | Up/Dn Ratio, Efficacy (lm/W): | 69% Up / 31% Dn | | 123.7 |
| Input Watts: | 277 VAC 36.3 | | Report (Ele, Col, Photo): | TGSEI-22 | T20190611 | MLNG156 |
| CIE-IES Classification: | Semi-Indirect | | | | | |

| CANDELA DISTRIBUTION | | | | | | Flux |
|----------------------|------|-----|-----|-----|-----|--------|
| | 0 | 45 | 90 | 135 | 180 | Lumens |
| 0 | 520 | 520 | 520 | 520 | 520 | |
| 5 | 592 | 569 | 520 | 478 | 466 | 50 |
| 15 | 784 | 690 | 513 | 419 | 399 | 157 |
| 25 | 889 | 779 | 497 | 365 | 345 | 258 |
| 35 | 691 | 652 | 445 | 305 | 289 | 293 |
| 45 | 430 | 408 | 317 | 235 | 223 | 249 |
| 55 | 253 | 241 | 205 | 170 | 163 | 185 |
| 65 | 140 | 137 | 126 | 111 | 107 | 124 |
| 75 | 64 | 61 | 58 | 56 | 55 | 63 |
| 85 | 12 | 11 | 12 | 13 | 14 | 15 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 181 | 159 | 56 | 82 | 58 | 172 |
| 105 | 1880 | 942 | 184 | 257 | 218 | 610 |
| 115 | 1434 | 737 | 292 | 358 | 343 | 569 |
| 125 | 969 | 672 | 369 | 421 | 430 | 486 |
| 135 | 828 | 656 | 427 | 462 | 481 | 426 |
| 145 | 731 | 628 | 481 | 503 | 516 | 351 |
| 155 | 665 | 610 | 525 | 541 | 542 | 264 |
| 165 | 616 | 591 | 554 | 566 | 567 | 163 |
| 175 | 579 | 572 | 566 | 572 | 575 | 55 |
| 180 | 567 | 567 | 567 | 567 | 567 | |



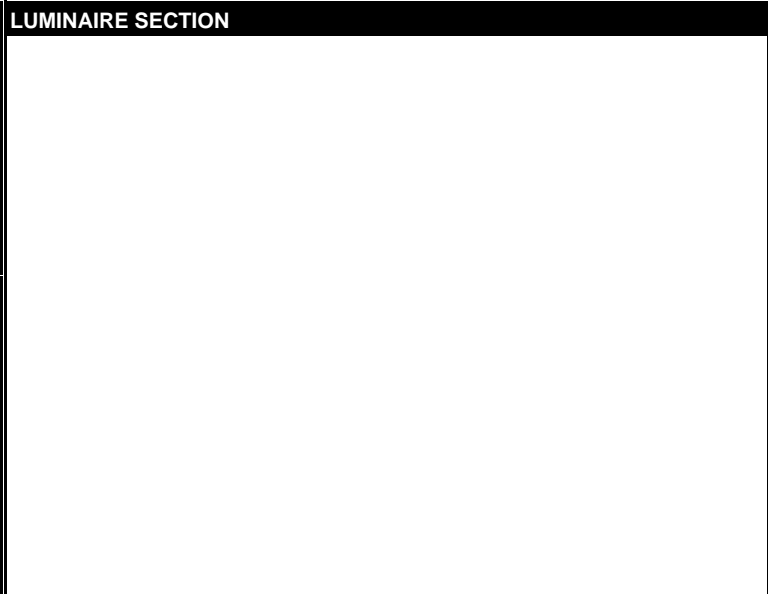
| CHARACTERISTICS | | | |
|---|--------|-----------|-------------|
| RP1 Meets RP-1-12 recommendations for VDT-Critical spaces | | | |
| Direct: Peak Candela & Angle (0deg) | 889.0 | 22.5 | |
| Direct: Peak Candela & Angle (180deg) | 519.7 | 0.0 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.66 | 1.34 | 0.92 |
| Indirect: Peak Candela & Angle | 1880.3 | 105.0 | |
| Indirect: Zenith Candela, Peak to Zenith | 567.1 | 3.32 | |
| Luminous Length, Width, Height (ft) | 4.00 | 0.25 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 | 0.3772 | 0.3752 | 4078 0.0002 |
| CRI (Ra), R9 | 81 | | 6 |
| 120V: P(W), I(A), THD(%), PF | 35.9 | 0.302 | 10.4 0.992 |
| 277V: P(W), I(A), THD(%), PF | 36.3 | 0.140 | 13.7 0.939 |
| 347V: P(W), I(A), THD(%), PF | 36.0 | 0.109 | 10.3 0.952 |

| COEFFICIENTS OF UTILIZATION (%) | | | | | | | | | | | | | |
|---------------------------------|-----|-----|-----|-----|----|----|----|----|----|----|----|--|---|
| Pc--- | 80 | | | | 70 | | | | 50 | | | | 0 |
| Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | |
| 0 | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 73 | 73 | 73 | 31 | | |
| 1 | 94 | 90 | 86 | 83 | 84 | 81 | 78 | 64 | 62 | 60 | 27 | | |
| 2 | 86 | 79 | 73 | 68 | 77 | 71 | 66 | 57 | 53 | 50 | 23 | | |
| 3 | 78 | 69 | 62 | 57 | 70 | 63 | 57 | 50 | 46 | 43 | 20 | | |
| 4 | 72 | 61 | 54 | 48 | 64 | 56 | 49 | 45 | 40 | 36 | 17 | | |
| 5 | 66 | 55 | 47 | 41 | 59 | 50 | 43 | 40 | 35 | 31 | 15 | | |
| 6 | 61 | 49 | 41 | 36 | 54 | 45 | 38 | 36 | 31 | 27 | 13 | | |
| 7 | 56 | 44 | 37 | 31 | 50 | 40 | 34 | 33 | 28 | 24 | 12 | | |
| 8 | 52 | 40 | 33 | 28 | 47 | 36 | 30 | 30 | 25 | 21 | 11 | | |
| 9 | 48 | 36 | 29 | 24 | 43 | 33 | 27 | 27 | 22 | 19 | 10 | | |
| 10 | 45 | 33 | 26 | 22 | 40 | 30 | 24 | 25 | 20 | 17 | 9 | | |

*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 465 | 10.4% | 10.4% |
| 0-40 | 759 | 16.9% | 16.9% |
| 0-60 | 1193 | 26.6% | 26.6% |
| 0-90 | 1394 | 31.0% | 31.0% |
| 90-130 | 1837 | 40.9% | 40.9% |
| 90-150 | 2615 | 58.2% | 58.2% |
| 90-180 | 3096 | 69.0% | 69.0% |
| 0-180 | 4490 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|-------|------|------|
| | 0 | 90 | 180 |
| 0 | 5592 | 5592 | 5592 |
| 5 | 6390 | 5613 | 5030 |
| 15 | 8737 | 5718 | 4445 |
| 25 | 10555 | 5905 | 4096 |
| 35 | 9078 | 5839 | 3795 |
| 45 | 6539 | 4816 | 3398 |
| 55 | 4746 | 3851 | 3058 |
| 65 | 3557 | 3205 | 2722 |
| 75 | 2640 | 2420 | 2287 |
| 85 | 1432 | 1432 | 1704 |



LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003