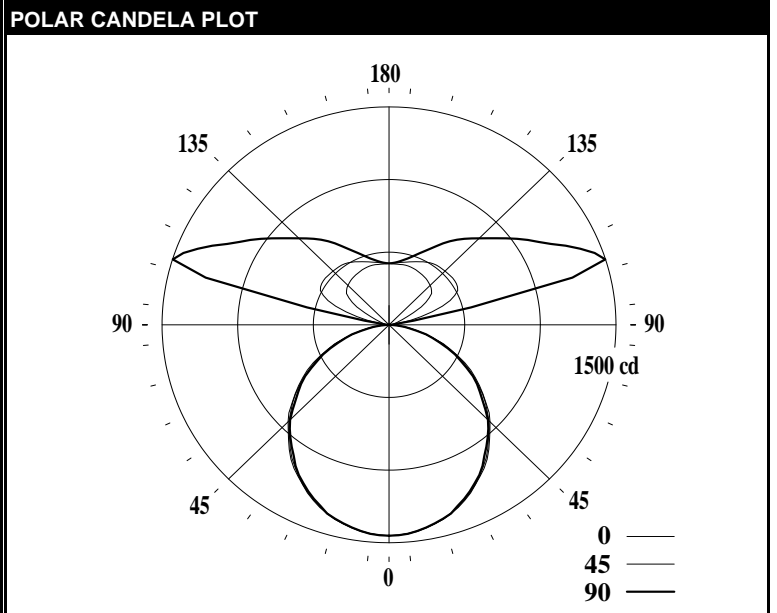


LEDALITE - TRUGROOVE SUSPENDED

| | | | |
|--------------------------------|-----------------|--------------------------------------|---|
| TEST DATE: | 05 Jun 2019 | CATALOG NO: | 29x6L.CALQ |
| Lamp Type: | LED | Description: | TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED XHI/HI 830 |
| No. of Lamps: | 176 | Flux (lm), Efficiency (%): | 6731 lm 100.0% |
| Rated Lamp Lumens: | -1 | Up/Dn Ratio, Efficacy (lm/W): | 40% Up / 60% Dn 116.5 |
| Input Watts: | 120 VAC 57.8 | Report (Ele, Col, Photo): | TGSEI-16 T20190608 MLNG096 |
| CIE-IES Classification: | Direct-Indirect | | |

| CANDELA DISTRIBUTION | | | | | | |
|----------------------|------|------|------|------|------|--------|
| | Flux | | | | | |
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 1452 | 1452 | 1452 | 1452 | 1452 | |
| 5 | 1441 | 1446 | 1444 | 1446 | 1444 | 137 |
| 15 | 1386 | 1391 | 1383 | 1386 | 1381 | 391 |
| 25 | 1276 | 1283 | 1271 | 1272 | 1264 | 587 |
| 35 | 1130 | 1134 | 1119 | 1122 | 1099 | 702 |
| 45 | 943 | 953 | 933 | 935 | 925 | 723 |
| 55 | 730 | 740 | 719 | 728 | 710 | 649 |
| 65 | 500 | 504 | 483 | 495 | 481 | 489 |
| 75 | 252 | 278 | 248 | 260 | 253 | 274 |
| 85 | 53 | 64 | 51 | 61 | 55 | 69 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 13 | 14 | 19 | 20 | 24 | 27 |
| 105 | 45 | 54 | 218 | 730 | 1255 | 385 |
| 115 | 132 | 162 | 479 | 986 | 1289 | 579 |
| 125 | 324 | 358 | 530 | 864 | 1033 | 542 |
| 135 | 384 | 410 | 523 | 747 | 843 | 445 |
| 145 | 405 | 430 | 512 | 651 | 703 | 337 |
| 155 | 419 | 435 | 479 | 544 | 561 | 226 |
| 165 | 425 | 430 | 447 | 468 | 472 | 128 |
| 175 | 420 | 424 | 427 | 431 | 430 | 41 |
| 180 | 423 | 423 | 423 | 423 | 423 | |



| CHARACTERISTICS | | | |
|--|--------|--------|--------------|
| RP1 | | | None |
| Direct: Peak Candela & Angle (0deg) | 1451.6 | 0.0 | |
| Direct: Peak Candela & Angle (90deg) | 1451.6 | 0.0 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.24 | 1.22 | N/A |
| Indirect: Peak Candela & Angle | 1498.8 | 107.5 | |
| Indirect: Zenith Candela, Peak to Zenith | 422.9 | 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 | 0.4309 | 0.4003 | 3073 -0.0007 |
| CRI (Ra), R9 | | | 83 10 |
| 120V: P(W), I(A), THD(%), PF | 57.8 | 0.483 | 6.2 0.997 |
| 277V: P(W), I(A), THD(%), PF | 57.4 | 0.213 | 8.8 0.973 |
| 347V: P(W), I(A), THD(%), PF | 57.6 | 0.171 | 8.2 0.971 |

| COEFFICIENTS OF UTILIZATION (%) | | | | | | | | | | | | | |
|---------------------------------|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|---|
| Pc--- | 80 | | | | 70 | | | | 50 | | | | 0 |
| Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | 0 | |
| RCR | 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 89 | 89 | 89 | 60 | |
| | 1 | 100 | 95 | 91 | 88 | 93 | 89 | 86 | 78 | 75 | 73 | 50 | |
| | 2 | 91 | 83 | 77 | 72 | 85 | 78 | 72 | 68 | 64 | 60 | 42 | |
| | 3 | 83 | 73 | 65 | 59 | 77 | 68 | 62 | 60 | 55 | 50 | 35 | |
| | 4 | 76 | 65 | 56 | 50 | 70 | 61 | 53 | 53 | 47 | 43 | 30 | |
| | 5 | 69 | 57 | 49 | 43 | 65 | 54 | 47 | 47 | 41 | 37 | 26 | |
| | 6 | 64 | 52 | 43 | 37 | 60 | 49 | 41 | 43 | 37 | 32 | 23 | |
| | 7 | 59 | 47 | 38 | 33 | 55 | 44 | 36 | 39 | 33 | 28 | 20 | |
| | 8 | 55 | 42 | 34 | 29 | 51 | 40 | 33 | 35 | 29 | 25 | 18 | |
| | 9 | 51 | 39 | 31 | 26 | 48 | 36 | 29 | 32 | 27 | 22 | 16 | |
| | 10 | 48 | 35 | 28 | 23 | 45 | 34 | 27 | 30 | 24 | 20 | 15 | |

*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 1115 | 16.6% | 16.6% |
| 0-40 | 1817 | 27.0% | 27.0% |
| 0-60 | 3189 | 47.4% | 47.4% |
| 0-90 | 4021 | 59.7% | 59.7% |
| 90-130 | 1534 | 22.8% | 22.8% |
| 90-150 | 2315 | 34.4% | 34.4% |
| 90-180 | 2710 | 40.3% | 40.3% |
| 0-180 | 6731 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|-------|-------|-------|
| | 0 | 45 | 90 |
| 0 | 15619 | 15619 | 15619 |
| 5 | 15564 | 15591 | 15594 |
| 15 | 15435 | 15410 | 15388 |
| 25 | 15151 | 15087 | 15011 |
| 35 | 14846 | 14700 | 14436 |
| 45 | 14356 | 14199 | 14073 |
| 55 | 13698 | 13492 | 13315 |
| 65 | 12720 | 12295 | 12257 |
| 75 | 10456 | 10302 | 10526 |
| 85 | 6482 | 6272 | 6815 |

| LUMINAIRE SECTION | |
|-------------------|--|
| | |



LEDALITE

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