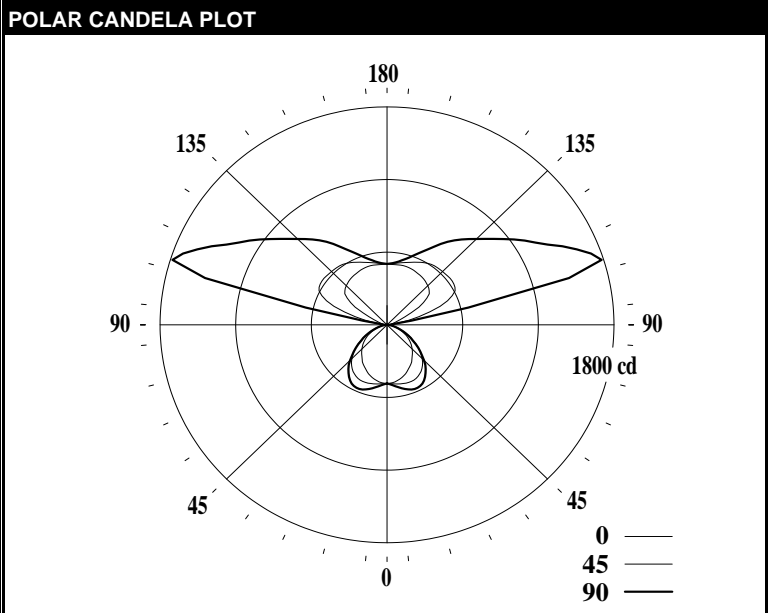


LEDALITE - TRUGROOVE SUSPENDED

| | | | |
|--------------------------------|---------------|--------------------------------------|---|
| TEST DATE: | 05 Jun 2019 | CATALOG NO: | 29x5LSCQQ |
| Lamp Type: | LED | Description: | TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED MID/HI 935 |
| No. of Lamps: | 176 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 4705 lm 100.0% |
| Input Watts: | 277 VAC 42.2 | Up/Dn Ratio, Efficacy (lm/W): | 69% Up / 31% Dn 111.5 |
| CIE-IES Classification: | Semi-Indirect | Report (Ele, Col, Photo): | TGSEI-26 F38890Color MLNG116 |

| CANDELA DISTRIBUTION | | | | | | Flux |
|----------------------|-----|------|-----|------|------|--------|
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 485 | 485 | 485 | 485 | 485 | |
| 5 | 480 | 483 | 489 | 493 | 500 | 47 |
| 15 | 451 | 468 | 502 | 532 | 548 | 142 |
| 25 | 402 | 437 | 504 | 557 | 574 | 229 |
| 35 | 345 | 387 | 470 | 523 | 525 | 283 |
| 45 | 282 | 324 | 394 | 424 | 415 | 286 |
| 55 | 213 | 243 | 285 | 294 | 278 | 238 |
| 65 | 135 | 153 | 166 | 172 | 160 | 158 |
| 75 | 64 | 71 | 72 | 75 | 69 | 77 |
| 85 | 14 | 16 | 14 | 16 | 12 | 18 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 16 | 16 | 22 | 24 | 28 | 32 |
| 105 | 53 | 64 | 260 | 869 | 1494 | 459 |
| 115 | 157 | 193 | 571 | 1174 | 1534 | 690 |
| 125 | 385 | 426 | 631 | 1029 | 1230 | 646 |
| 135 | 457 | 488 | 623 | 889 | 1003 | 529 |
| 145 | 482 | 512 | 610 | 775 | 837 | 401 |
| 155 | 498 | 517 | 571 | 648 | 668 | 270 |
| 165 | 506 | 512 | 533 | 557 | 562 | 152 |
| 175 | 501 | 505 | 509 | 513 | 512 | 49 |
| 180 | 504 | 504 | 504 | 504 | 504 | |



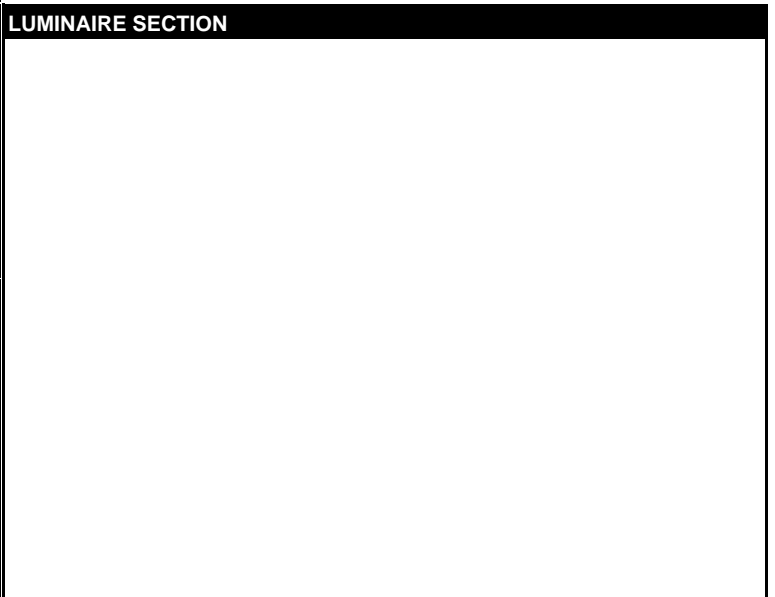
| CHARACTERISTICS | | | |
|--|---|--------|-------------|
| RP1 | Meets RP-1-12 recommendations for VDT-Critical spaces | | |
| Direct: Peak Candela & Angle (0deg) | 484.7 | 0.0 | |
| Direct: Peak Candela & Angle (90deg) | 573.6 | 22.5 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.16 | 1.57 | N/A |
| Indirect: Peak Candela & Angle | 1784.6 | 107.5 | |
| Indirect: Zenith Candela, Peak to Zenith | 503.5 | 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 | 0.4035 | 0.3887 | 3523 0.0005 |
| CRI (Ra), R9 | 94 | 71 | |
| 120V: P(W), I(A), THD(%), PF | 41.9 | 0.352 | 10.0 0.993 |
| 277V: P(W), I(A), THD(%), PF | 42.2 | 0.160 | 14.8 0.949 |
| 347V: P(W), I(A), THD(%), PF | 42.3 | 0.127 | 9.4 0.962 |

| COEFFICIENTS OF UTILIZATION (%) | | | | | | | | | | | | | |
|---------------------------------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|---|
| Pc--- | 80 | | | | 70 | | | | 50 | | | | 0 |
| Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | 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 | 85 | 78 | 72 | 67 | 77 | 71 | 66 | 56 | 53 | 50 | 22 | |
| | 3 | 78 | 69 | 62 | 56 | 70 | 62 | 56 | 50 | 45 | 42 | 19 | |
| | 4 | 71 | 61 | 53 | 47 | 64 | 55 | 48 | 44 | 39 | 36 | 16 | |
| | 5 | 65 | 54 | 46 | 40 | 58 | 49 | 42 | 39 | 34 | 30 | 14 | |
| | 6 | 60 | 48 | 40 | 35 | 54 | 44 | 37 | 35 | 30 | 26 | 12 | |
| | 7 | 55 | 43 | 36 | 30 | 50 | 39 | 33 | 32 | 27 | 23 | 11 | |
| | 8 | 51 | 39 | 32 | 27 | 46 | 36 | 29 | 29 | 24 | 20 | 10 | |
| | 9 | 48 | 36 | 28 | 23 | 43 | 32 | 26 | 26 | 21 | 18 | 9 | |
| | 10 | 44 | 33 | 26 | 21 | 40 | 30 | 23 | 24 | 19 | 16 | 8 | |

*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 417 | 8.9% | 8.9% |
| 0-40 | 701 | 14.9% | 14.9% |
| 0-60 | 1225 | 26.0% | 26.0% |
| 0-90 | 1478 | 31.4% | 31.4% |
| 90-130 | 1826 | 38.8% | 38.8% |
| 90-150 | 2757 | 58.6% | 58.6% |
| 90-180 | 3227 | 68.6% | 68.6% |
| 0-180 | 4705 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|------|------|------|
| | 0 | 45 | 90 |
| 0 | 5215 | 5215 | 5215 |
| 5 | 5179 | 5280 | 5402 |
| 15 | 5027 | 5588 | 6108 |
| 25 | 4773 | 5979 | 6809 |
| 35 | 4527 | 6172 | 6897 |
| 45 | 4284 | 5995 | 6312 |
| 55 | 3998 | 5337 | 5211 |
| 65 | 3437 | 4214 | 4061 |
| 75 | 2648 | 3006 | 2873 |
| 85 | 1728 | 1667 | 1519 |



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