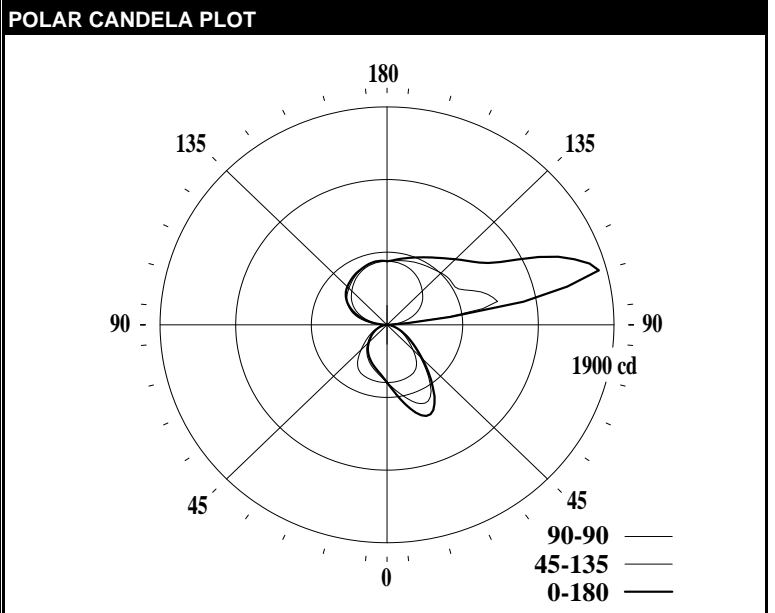


# LEDALITE - TRUGROOVE SUSPENDED

|                                |               |                                      |   |
|--------------------------------|---------------|--------------------------------------|---|
| <b>TEST DATE:</b>              | 05 Jun 2019   | <b>CATALOG NO:</b>                   | 29x5LSCWW   |
| <b>Lamp Type:</b>              | LED           | <b>Description:</b>                  | TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED MID/HI 935 |
| <b>No. of Lamps:</b>           | 176           |                                      |   |
| <b>Rated Lamp Lumens:</b>      | -1            | <b>Flux (lm), Efficiency (%):</b>    | 4371 lm 100.0%  |
| <b>Input Watts:</b>            | 277 VAC 42.2  | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 69% Up / 31% Dn 103.6                                     |
| <b>CIE-IES Classification:</b> | Semi-Indirect | <b>Report (Ele, Col, Photo):</b>     | TGSEI-26 F38890Color MLNG164                              |

| CANDELA DISTRIBUTION |      |     |     |     |     | Flux   |
|----------------------|------|-----|-----|-----|-----|--------|
|                      | 0    | 45  | 90  | 135 | 180 | Lumens |
| 0                    | 503  | 503 | 503 | 503 | 503 |        |
| 5                    | 572  | 551 | 503 | 463 | 450 | 49     |
| 15                   | 759  | 667 | 497 | 405 | 386 | 152    |
| 25                   | 860  | 753 | 481 | 353 | 334 | 250    |
| 35                   | 668  | 631 | 430 | 295 | 280 | 284    |
| 45                   | 416  | 394 | 306 | 227 | 216 | 241    |
| 55                   | 245  | 233 | 199 | 165 | 158 | 179    |
| 65                   | 135  | 132 | 122 | 108 | 103 | 120    |
| 75                   | 61   | 59  | 56  | 54  | 53  | 61     |
| 85                   | 11   | 10  | 11  | 12  | 13  | 14     |
| 90                   | 0    | 0   | 0   | 0   | 0   |        |
| 95                   | 177  | 155 | 55  | 80  | 57  | 168    |
| 105                  | 1836 | 920 | 180 | 251 | 213 | 595    |
| 115                  | 1400 | 719 | 285 | 349 | 335 | 555    |
| 125                  | 946  | 657 | 361 | 411 | 420 | 475    |
| 135                  | 809  | 640 | 417 | 451 | 470 | 416    |
| 145                  | 714  | 613 | 470 | 491 | 503 | 343    |
| 155                  | 649  | 596 | 513 | 528 | 529 | 257    |
| 165                  | 601  | 577 | 540 | 553 | 554 | 159    |
| 175                  | 565  | 559 | 553 | 559 | 561 | 53     |
| 180                  | 554  | 554 | 554 | 554 | 554 |        |



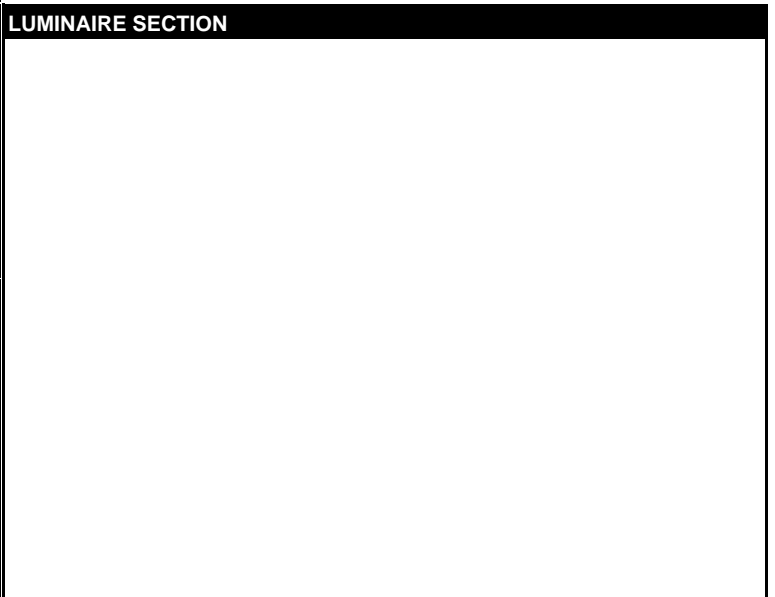
| CHARACTERISTICS                          |   |        |             |
|--|---|--------|-------------|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Critical spaces |        |             |
| Direct: Peak Candela & Angle (0deg)      | 859.9   | 22.5   |             |
| Direct: Peak Candela & Angle (180deg)    | 502.6   | 0.0    |             |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.66  | 1.34   | 0.92        |
| Indirect: Peak Candela & Angle           | 1836.0  | 105.0  |             |
| Indirect: Zenith Candela, Peak to Zenith | 553.8   | 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                           | 0.4035  | 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  | 86  | 79  | 73  | 68  | 77 | 71 | 66 | 56 | 53 | 50 | 23 |   |
|                                 | 3  | 78  | 69  | 62  | 57  | 70 | 63 | 57 | 50 | 46 | 42 | 20 |   |
|                                 | 4  | 72  | 61  | 54  | 48  | 64 | 56 | 49 | 44 | 40 | 36 | 17 |   |
|                                 | 5  | 66  | 55  | 47  | 41  | 59 | 50 | 43 | 40 | 35 | 31 | 15 |   |
|                                 | 6  | 61  | 49  | 41  | 36  | 54 | 44 | 38 | 36 | 31 | 27 | 13 |   |
|                                 | 7  | 56  | 44  | 37  | 31  | 50 | 40 | 34 | 32 | 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                | 450    | 10.3%    | 10.3%  |
| 0-40                | 734    | 16.8%    | 16.8%  |
| 0-60                | 1154   | 26.4%    | 26.4%  |
| 0-90                | 1348   | 30.8%    | 30.8%  |
| 90-130              | 1794   | 41.0%    | 41.0%  |
| 90-150              | 2553   | 58.4%    | 58.4%  |
| 90-180              | 3023   | 69.2%    | 69.2%  |
| 0-180               | 4371   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |       |      |      |
|------------------------------------|-------|------|------|
|                                    | 0     | 90   | 180  |
| 0                                  | 5408  | 5408 | 5408 |
| 5                                  | 6180  | 5429 | 4865 |
| 15                                 | 8449  | 5531 | 4299 |
| 25                                 | 10209 | 5712 | 3962 |
| 35                                 | 8780  | 5647 | 3671 |
| 45                                 | 6324  | 4658 | 3287 |
| 55                                 | 4589  | 3726 | 2956 |
| 65                                 | 3440  | 3101 | 2633 |
| 75                                 | 2553  | 2341 | 2212 |
| 85                                 | 1395  | 1395 | 1642 |



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