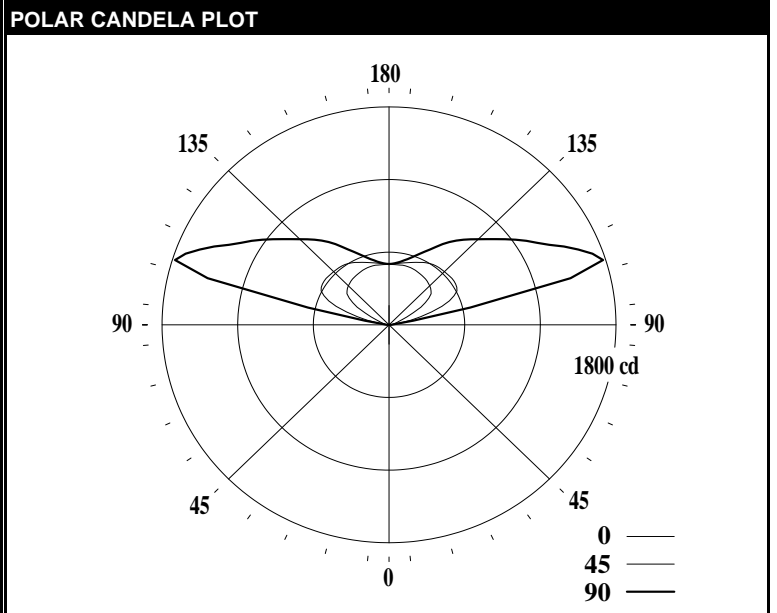


# LEDALITE - TRUGROOVE SUSPENDED

|                                |              |                                      |  |
|--------------------------------|--------------|--------------------------------------|--|
| <b>TEST DATE:</b>              | 05 Jun 2019  | <b>CATALOG NO:</b>                   | 29x3LBENQ                                    |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | TRUGROOVE SUSPENDED INDIRECT SYM LED MID 835 |
| <b>No. of Lamps:</b>           | 88           |                                      |  |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 3219 lm 100.0%                               |
| <b>Input Watts:</b>            | 277 VAC 23.2 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 100% Up / 0% Dn 138.8                        |
| <b>CIE-IES Classification:</b> | Indirect     | <b>Report (Ele, Col, Photo):</b>     | TGSEI-09 T20190610 S07529-2                  |

| CANDELA DISTRIBUTION |     |      |     |      |      | Flux   |
|----------------------|-----|------|-----|------|------|--------|
|                      | 0   | 22.5 | 45  | 67.5 | 90   | Lumens |
| 0                    | 0   | 0    | 0   | 0    | 0    |        |
| 5                    | 0   | 0    | 0   | 0    | 0    | 0      |
| 15                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 25                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 35                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 45                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 55                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 65                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 75                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 85                   | 0   | 0    | 0   | 0    | 0    | 0      |
| 90                   | 0   | 0    | 0   | 0    | 0    |        |
| 95                   | 16  | 16   | 22  | 24   | 28   | 32     |
| 105                  | 53  | 64   | 259 | 867  | 1490 | 457    |
| 115                  | 157 | 192  | 569 | 1171 | 1530 | 688    |
| 125                  | 384 | 425  | 629 | 1026 | 1227 | 644    |
| 135                  | 456 | 487  | 621 | 887  | 1001 | 528    |
| 145                  | 480 | 511  | 609 | 773  | 835  | 400    |
| 155                  | 497 | 516  | 569 | 646  | 667  | 269    |
| 165                  | 505 | 511  | 531 | 555  | 561  | 152    |
| 175                  | 499 | 504  | 508 | 512  | 510  | 49     |
| 180                  | 502 | 502  | 502 | 502  |      |        |



| CHARACTERISTICS                          |   |        |             |
|--|---|--------|-------------|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Critical spaces |        |             |
| Direct: Peak Candela & Angle (0deg)      | N/A   | N/A    |             |
| Direct: Peak Candela & Angle (90deg)     | N/A   | N/A    |             |
| Spacing Criteria (0deg, 90deg, 180deg)   | N/A   | N/A    | N/A         |
| Indirect: Peak Candela & Angle           | 1780.0  | 107.5  |             |
| Indirect: Zenith Candela, Peak to Zenith | 502.2   | 3.54   |             |
| Luminous Length, Width, Height (ft)      | 0.00  | 0.00   |             |
| UGR (4H x 8H, 0.25H)                     |   | N/A    |             |
| Ballast Factor, Multiplication Factor    | 1.000   | 1.043  |             |
| 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             | 22.9  | 0.193  | 10.8 0.991  |
| 277V: P(W), I(A), THD(%), PF             | 23.2  | 0.089  | 11.4 0.946  |
| 347V: P(W), I(A), THD(%), PF             | 22.3  | 0.068  | 9.6 0.951   |

| COEFFICIENTS OF UTILIZATION (%) |    |    |    |    |    |    |    |    |    |    |   |  |   |
|---------------------------------|----|----|----|----|----|----|----|----|----|----|---|--|---|
| Pc---                           | 80 |    |    |    | 70 |    |    |    | 50 |    |   |  | 0 |
| Pw---                           | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 |  |   |
| RCR                             |    |    |    |    |    |    |    |    |    |    |   |  |   |
| 0                               | 95 | 95 | 95 | 95 | 81 | 81 | 81 | 56 | 56 | 56 | 0 |  |   |
| 1                               | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 48 | 47 | 45 | 0 |  |   |
| 2                               | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 42 | 40 | 37 | 0 |  |   |
| 3                               | 72 | 63 | 57 | 51 | 61 | 54 | 49 | 37 | 34 | 31 | 0 |  |   |
| 4                               | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 33 | 29 | 26 | 0 |  |   |
| 5                               | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 29 | 25 | 22 | 0 |  |   |
| 6                               | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 26 | 22 | 19 | 0 |  |   |
| 7                               | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 19 | 17 | 0 |  |   |
| 8                               | 47 | 35 | 28 | 23 | 40 | 30 | 24 | 21 | 17 | 14 | 0 |  |   |
| 9                               | 43 | 32 | 25 | 20 | 37 | 27 | 22 | 19 | 15 | 13 | 0 |  |   |
| 10                              | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 17 | 14 | 11 | 0 |  |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 0      | 0.0%     | 0.0%   |
| 0-40                | 0      | 0.0%     | 0.0%   |
| 0-60                | 0      | 0.0%     | 0.0%   |
| 0-90                | 0      | 0.0%     | 0.0%   |
| 90-130              | 1821   | 56.6%    | 56.6%  |
| 90-150              | 2749   | 85.4%    | 85.4%  |
| 90-180              | 3219   | 100.0%   | 100.0% |
| 0-180               | 3219   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |   |    |    |
|------------------------------------|---|----|----|
|                                    | 0 | 45 | 90 |
| 0                                  | 0 | 0  | 0  |
| 5                                  | 0 | 0  | 0  |
| 15                                 | 0 | 0  | 0  |
| 25                                 | 0 | 0  | 0  |
| 35                                 | 0 | 0  | 0  |
| 45                                 | 0 | 0  | 0  |
| 55                                 | 0 | 0  | 0  |
| 65                                 | 0 | 0  | 0  |
| 75                                 | 0 | 0  | 0  |
| 85                                 | 0 | 0  | 0  |

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



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