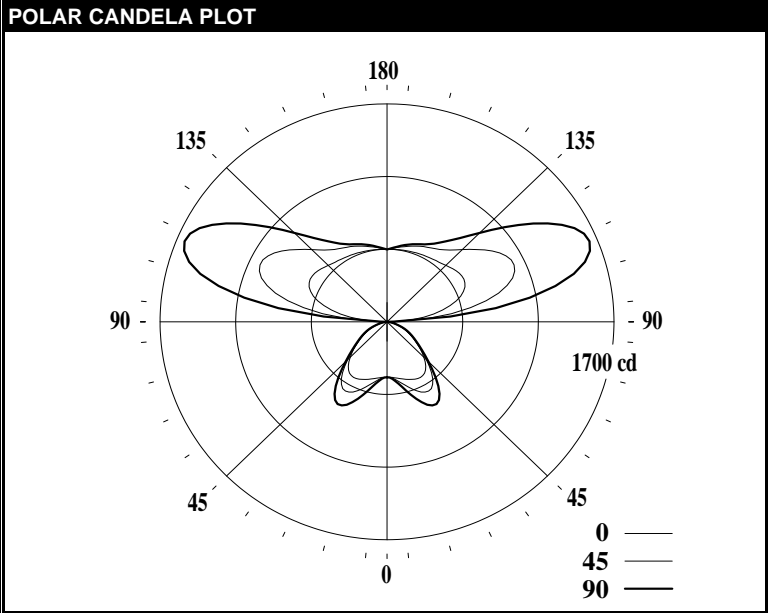


# LEDALITE - VERGE

|                                |               |      |                                      |                  |              |          |
|--------------------------------|---------------|------|--------------------------------------|------------------|--------------|----------|
| <b>TEST DATE:</b>              | 09 Jan 2019   |      | <b>CATALOG NO:</b>                   | 7606LBAQN        |              |          |
| <b>Lamp Type:</b>              | LED           |      | <b>Description:</b>                  | VERGE STD HI 835 |              |          |
| <b>No. of Lamps:</b>           | 176           |      |                                      |                  |              |          |
| <b>Rated Lamp Lumens:</b>      | -1            |      | <b>Flux (lm), Efficiency (%):</b>    | 6453 lm          | 100.0%       |          |
| <b>Input Watts:</b>            | 120 VAC       | 56.7 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 75% Up / 25% Dn  |              | 113.8    |
| <b>CIE-IES Classification:</b> | Semi-Indirect |      | <b>Report (Ele, Col, Photo):</b>     | ITL88344-THD1    | ITL88345-SPH | S88345-2 |

| CANDELA DISTRIBUTION |     |      |      |      |      | Flux   |
|----------------------|-----|------|------|------|------|--------|
|                      | 0   | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 433 | 433  | 433  | 433  | 433  |        |
| 5                    | 435 | 436  | 440  | 446  | 446  | 43     |
| 15                   | 461 | 472  | 508  | 544  | 557  | 146    |
| 25                   | 493 | 521  | 605  | 682  | 714  | 278    |
| 35                   | 489 | 518  | 595  | 661  | 686  | 364    |
| 45                   | 389 | 397  | 418  | 433  | 438  | 321    |
| 55                   | 259 | 255  | 257  | 265  | 268  | 235    |
| 65                   | 153 | 151  | 155  | 161  | 166  | 155    |
| 75                   | 62  | 64   | 66   | 68   | 68   | 72     |
| 85                   | 11  | 13   | 13   | 13   | 15   | 16     |
| 90                   | 0   | 0    | 0    | 0    | 0    |        |
| 95                   | 187 | 217  | 306  | 427  | 476  | 341    |
| 105                  | 489 | 582  | 865  | 1256 | 1449 | 949    |
| 115                  | 644 | 750  | 1050 | 1438 | 1628 | 1071   |
| 125                  | 661 | 744  | 963  | 1218 | 1337 | 879    |
| 135                  | 623 | 686  | 797  | 926  | 980  | 626    |
| 145                  | 597 | 639  | 690  | 744  | 767  | 435    |
| 155                  | 584 | 612  | 648  | 665  | 667  | 296    |
| 165                  | 574 | 591  | 610  | 622  | 623  | 172    |
| 175                  | 567 | 572  | 576  | 580  | 582  | 55     |
| 180                  | 565 | 565  | 565  | 565  | 565  |        |



| CHARACTERISTICS                          |   |        |        |        |  |
|--|---|--------|--------|--------|--|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Critical spaces |        |        |        |  |
| Direct: Peak Candela & Angle (0deg)      | 500.6   |        | 30.0   |        |  |
| Direct: Peak Candela & Angle (90deg)     | 740.5   |        | 30.0   |        |  |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.62  | 1.79   | N/A    |        |  |
| Indirect: Peak Candela & Angle           | 1641.5  |        | 112.5  |        |  |
| Indirect: Zenith Candela, Peak to Zenith | 564.8   |        | 2.91   |        |  |
| Luminous Length, Width, Height (ft)      | 3.8021  | 0.2917 | 0.0000 |        |  |
| UGR (4H x 8H, 0.25H)                     | N/A   |        |        |        |  |
| Ballast Factor, Multiplication Factor    | 1.000   | 1.889  |        |        |  |
| DesignLights Consortium                  | N/A   |        |        |        |  |
| x, y, CCT, Duv                           | 0.4167  | 0.3968 | 3312   | 0.0000 |  |
| CRI (Ra), R9                             | 82  |        | -1     |        |  |
| 120V: P(W), I(A), THD(%), PF             | 56.7  | 0.475  | 9.4    | 0.995  |  |
| 277V: P(W), I(A), THD(%), PF             | 56.2  | 0.206  | 10.2   | 0.987  |  |
| 347V: P(W), I(A), THD(%), PF             | N/A   | N/A    | N/A    | N/A    |  |

| COEFFICIENTS OF UTILIZATION (%) |    |     |     |     |     |    |    |    |    |    |    |    |    |   |
|---------------------------------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|---|
| Pc--                            | 80 |     |     |     | 70  |    |    |    | 50 |    |    |    | 0  |   |
| Pw---                           | 70 | 50  | 30  | 10  | 70  | 50 | 30 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR                             | 0  | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 70 | 70 | 70 | 25 |    |   |
|                                 | 1  | 92  | 88  | 85  | 81  | 82 | 79 | 76 | 61 | 59 | 57 | 22 |    |   |
|                                 | 2  | 84  | 77  | 71  | 67  | 75 | 69 | 64 | 54 | 50 | 48 | 18 |    |   |
|                                 | 3  | 77  | 68  | 61  | 56  | 68 | 61 | 55 | 47 | 43 | 40 | 16 |    |   |
|                                 | 4  | 70  | 60  | 53  | 47  | 62 | 54 | 47 | 42 | 38 | 34 | 13 |    |   |
|                                 | 5  | 64  | 53  | 46  | 40  | 57 | 48 | 41 | 37 | 33 | 29 | 12 |    |   |
|                                 | 6  | 59  | 48  | 40  | 34  | 52 | 43 | 36 | 34 | 29 | 25 | 10 |    |   |
|                                 | 7  | 54  | 43  | 35  | 30  | 48 | 38 | 32 | 30 | 26 | 22 | 9  |    |   |
|                                 | 8  | 50  | 39  | 31  | 26  | 45 | 35 | 28 | 27 | 23 | 19 | 8  |    |   |
|                                 | 9  | 47  | 35  | 28  | 23  | 42 | 32 | 25 | 25 | 20 | 17 | 7  |    |   |
|                                 | 10 | 44  | 32  | 25  | 20  | 39 | 29 | 23 | 23 | 18 | 15 | 6  |    |   |

\*Based on a floor reflectance of 0.2



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| ZONAL LUMEN SUMMARY                |        |          |        |
|------------------------------------|--------|----------|--------|
| Zone                               | Lumens | %Fixture | %Lamp  |
| 0-30                               | 466    | 7.2%     | 7.2%   |
| 0-40                               | 830    | 12.9%    | 12.9%  |
| 0-60                               | 1386   | 21.5%    | 21.5%  |
| 0-90                               | 1629   | 25.2%    | 25.2%  |
| 90-130                             | 3240   | 50.2%    | 50.2%  |
| 90-150                             | 4301   | 66.7%    | 66.7%  |
| 90-180                             | 4824   | 74.8%    | 74.8%  |
| 0-180                              | 6453   | 100.0%   | 100.0% |
| AVG LUMINANCE (cd/m <sup>2</sup> ) |        |          |        |
|                                    | 0      | 45       | 90     |
| 0                                  | 4197   | 4197     | 4197   |
| 5                                  | 4232   | 4287     | 4342   |
| 15                                 | 4630   | 5104     | 5598   |
| 25                                 | 5278   | 6472     | 7645   |
| 35                                 | 5795   | 7048     | 8122   |
| 45                                 | 5340   | 5729     | 6014   |
| 55                                 | 4378   | 4346     | 4538   |
| 65                                 | 3513   | 3556     | 3817   |
| 75                                 | 2337   | 2479     | 2549   |
| 85                                 | 1262   | 1472     | 1682   |

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