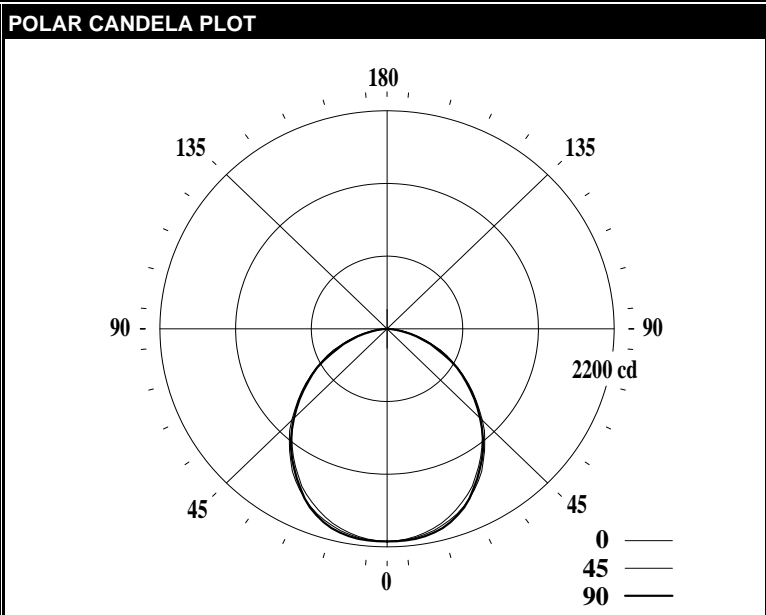


# LEDALITE - SHINE

|                                |              |                                      |                       |
|--------------------------------|--------------|--------------------------------------|-----------------------|
| <b>TEST DATE:</b>              | 18 Oct 2019  | <b>CATALOG NO:</b>                   | 3324x1STL82760AxDE    |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | SHINE 2X4 6000LM 827  |
| <b>No. of Lamps:</b>           | 176          |                                      |                       |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 5603 lm 100.0%        |
| <b>Input Watts:</b>            | 120 VAC 45.4 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 0% Up / 100% Dn 123.4 |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG00382              |

| CANDELA DISTRIBUTION |      |      |      |      |      |        |
|----------------------|------|------|------|------|------|--------|
|                      | Flux |      |      |      |      |        |
|                      | 0    | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 2146 | 2146 | 2146 | 2146 | 2146 |        |
| 5                    | 2130 | 2134 | 2136 | 2142 | 2142 | 203    |
| 15                   | 2031 | 2048 | 2055 | 2088 | 2081 | 581    |
| 25                   | 1845 | 1882 | 1890 | 1909 | 1889 | 869    |
| 35                   | 1581 | 1649 | 1625 | 1640 | 1605 | 1017   |
| 45                   | 1276 | 1327 | 1307 | 1317 | 1276 | 1008   |
| 55                   | 949  | 999  | 961  | 989  | 938  | 868    |
| 65                   | 637  | 669  | 635  | 634  | 597  | 630    |
| 75                   | 327  | 346  | 309  | 320  | 295  | 342    |
| 85                   | 77   | 83   | 60   | 70   | 47   | 85     |
| 90                   | 0    | 0    | 0    | 0    | 0    |        |
| 95                   | 0    | 0    | 0    | 0    | 0    | 0      |
| 105                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 115                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 125                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 135                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 145                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 155                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 165                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 175                  | 0    | 0    | 0    | 0    | 0    | 0      |
| 180                  | 0    | 0    | 0    | 0    | 0    |        |



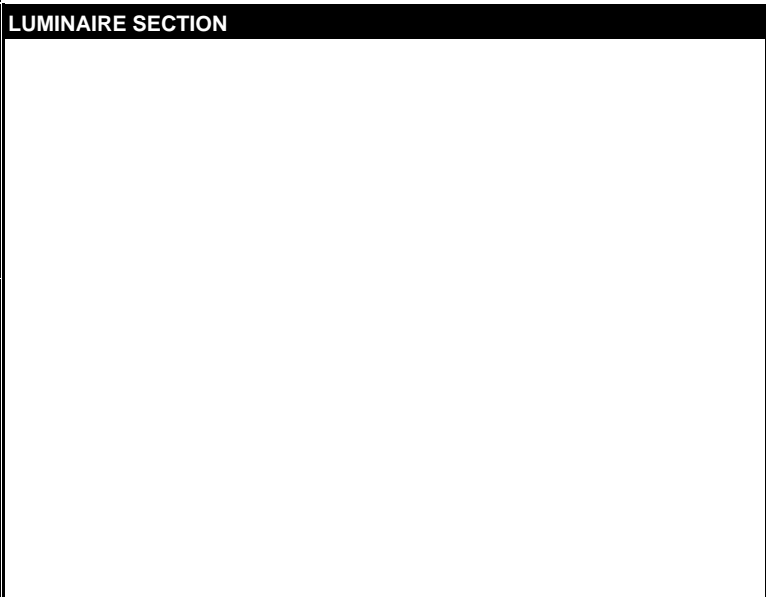
| CHARACTERISTICS                          |        |         |             |
|--|--------|---------|-------------|
| RP1                                      |        |         | None        |
| Direct: Peak Candela & Angle (0deg)      | 2145.7 |         | 0.0         |
| Direct: Peak Candela & Angle (90deg)     | 2145.7 |         | 0.0         |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.19   | 1.21    | N/A         |
| Indirect: Peak Candela & Angle           | N/A    | N/A     |             |
| Indirect: Zenith Candela, Peak to Zenith | N/A    | N/A     |             |
| Luminous Length, Width, Height (ft)      | 3.90   | 1.91    | 0.00        |
| UGR (4H x 8H, 0.25H)                     |        |         | N/A         |
| Ballast Factor, Multiplication Factor    | 1.000  |         | 1.000       |
| DLC (120/277), DLC (347)                 |        | premium | premium     |
| x, y, CCT, Duv                           | 0.4554 | 0.4074  | 2737 0.0008 |
| CRI (Ra), R9                             |        |         | 82 6        |
| 120V: P(W), I(A), THD(%), PF             | 45.4   | 0.380   | 6.9 0.996   |
| 277V: P(W), I(A), THD(%), PF             | 45.2   | 0.171   | 9.3 0.953   |
| 347V: P(W), I(A), THD(%), PF             | 44.9   | 0.132   | 6.7 0.976   |

| COEFFICIENTS OF UTILIZATION (%) |     |     |     |     |     |     |     |     |     |     |     |   |   |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| Pc---                           | 80  |     |     |     | 70  |     |     |     | 50  |     |     |   | 0 |
| Pw---                           | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 50  | 30  | 10  | 0   | 0 |   |
| RCR                             |     |     |     |     |     |     |     |     |     |     |     |   |   |
| 0                               | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 100 |   |   |
| 1                               | 109 | 105 | 100 | 97  | 106 | 102 | 99  | 98  | 95  | 92  | 85  |   |   |
| 2                               | 100 | 92  | 85  | 79  | 97  | 90  | 84  | 86  | 81  | 77  | 71  |   |   |
| 3                               | 91  | 81  | 73  | 66  | 89  | 79  | 72  | 76  | 70  | 65  | 60  |   |   |
| 4                               | 83  | 72  | 63  | 57  | 81  | 70  | 62  | 68  | 61  | 55  | 52  |   |   |
| 5                               | 77  | 64  | 55  | 49  | 75  | 63  | 55  | 61  | 54  | 48  | 45  |   |   |
| 6                               | 71  | 58  | 49  | 43  | 69  | 57  | 49  | 55  | 48  | 42  | 39  |   |   |
| 7                               | 66  | 53  | 44  | 38  | 64  | 52  | 44  | 50  | 43  | 38  | 35  |   |   |
| 8                               | 61  | 48  | 40  | 34  | 60  | 47  | 39  | 46  | 39  | 34  | 31  |   |   |
| 9                               | 57  | 44  | 36  | 31  | 56  | 44  | 36  | 42  | 35  | 30  | 28  |   |   |
| 10                              | 54  | 41  | 33  | 28  | 53  | 40  | 33  | 39  | 32  | 28  | 26  |   |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 1653   | 29.5%    | 29.5%  |
| 0-40                | 2670   | 47.7%    | 47.7%  |
| 0-60                | 4546   | 81.1%    | 81.1%  |
| 0-90                | 5603   | 100.0%   | 100.0% |
| 90-130              | 0      | 0.0%     | 0.0%   |
| 90-150              | 0      | 0.0%     | 0.0%   |
| 90-180              | 0      | 0.0%     | 0.0%   |
| 0-180               | 5603   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |      |      |      |
|------------------------------------|------|------|------|
|                                    | 0    | 45   | 90   |
| 0                                  | 3099 | 3099 | 3099 |
| 5                                  | 3088 | 3097 | 3106 |
| 15                                 | 3038 | 3073 | 3113 |
| 25                                 | 2941 | 3012 | 3011 |
| 35                                 | 2787 | 2866 | 2829 |
| 45                                 | 2607 | 2670 | 2606 |
| 55                                 | 2389 | 2419 | 2361 |
| 65                                 | 2178 | 2169 | 2041 |
| 75                                 | 1824 | 1722 | 1645 |
| 85                                 | 1275 | 998  | 772  |



**LEDALITE**

Ledalite  
 19750 - 92A Avenue  
 Langley, BC  
 CANADA V1M 3B2  
 Phone: 604-888-6811  
 Fax: 800-665-5332  
 604-888-2003