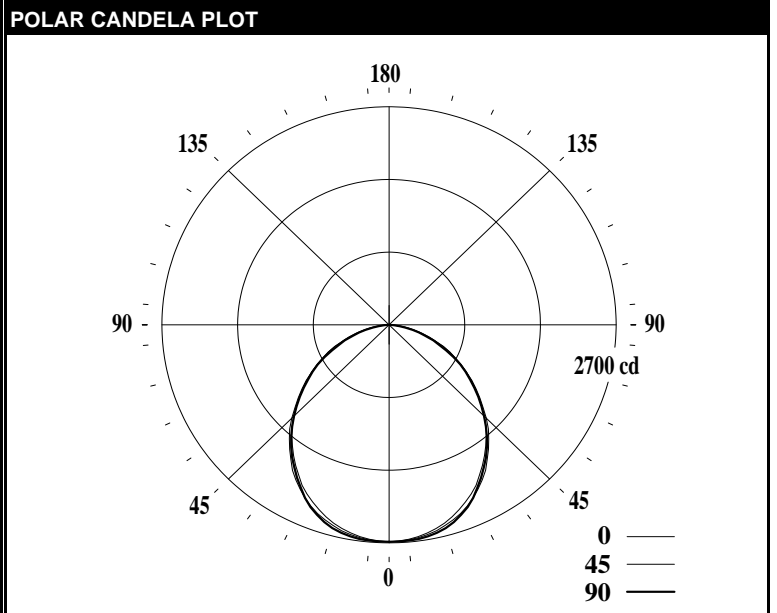


# LEDALITE - SHINE

|                                |              |                                      |                       |
|--------------------------------|--------------|--------------------------------------|-----------------------|
| <b>TEST DATE:</b>              | 18 Oct 2019  | <b>CATALOG NO:</b>                   | 3324x1STL82775AxDE    |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | SHINE 2X4 7500LM 827  |
| <b>No. of Lamps:</b>           | 176          |                                      |                       |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 7014 lm 100.0%        |
| <b>Input Watts:</b>            | 120 VAC 58.6 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 0% Up / 100% Dn 119.7 |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG00385              |

| CANDELA DISTRIBUTION |      |      |      |      |      | Flux   |
|----------------------|------|------|------|------|------|--------|
|                      | 0    | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 2686 | 2686 | 2686 | 2686 | 2686 |        |
| 5                    | 2666 | 2672 | 2674 | 2682 | 2682 | 254    |
| 15                   | 2543 | 2564 | 2572 | 2614 | 2606 | 728    |
| 25                   | 2310 | 2356 | 2366 | 2390 | 2365 | 1088   |
| 35                   | 1979 | 2064 | 2035 | 2053 | 2009 | 1273   |
| 45                   | 1598 | 1661 | 1636 | 1649 | 1597 | 1262   |
| 55                   | 1188 | 1251 | 1203 | 1239 | 1174 | 1086   |
| 65                   | 798  | 838  | 795  | 793  | 748  | 789    |
| 75                   | 409  | 433  | 386  | 401  | 369  | 428    |
| 85                   | 96   | 103  | 75   | 87   | 58   | 107    |
| 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)      | 2686.4  | 0.0     |             |
| Direct: Peak Candela & Angle (90deg)     | 2686.4  | 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             | 58.6    | 0.491   | 9.0 0.995   |
| 277V: P(W), I(A), THD(%), PF             | 58.1    | 0.213   | 10.0 0.987  |
| 347V: P(W), I(A), THD(%), PF             | 58.3    | 0.173   | 9.6 0.973   |

| 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                | 2070   | 29.5%    | 29.5%  |
| 0-40                | 3343   | 47.7%    | 47.7%  |
| 0-60                | 5691   | 81.1%    | 81.1%  |
| 0-90                | 7015   | 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               | 7014   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |      |      |      |
|------------------------------------|------|------|------|
|                                    | 0    | 45   | 90   |
| 0                                  | 3880 | 3880 | 3880 |
| 5                                  | 3866 | 3877 | 3889 |
| 15                                 | 3803 | 3847 | 3897 |
| 25                                 | 3682 | 3771 | 3769 |
| 35                                 | 3490 | 3588 | 3542 |
| 45                                 | 3264 | 3342 | 3263 |
| 55                                 | 2991 | 3029 | 2956 |
| 65                                 | 2727 | 2716 | 2556 |
| 75                                 | 2283 | 2157 | 2060 |
| 85                                 | 1596 | 1250 | 966  |

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



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