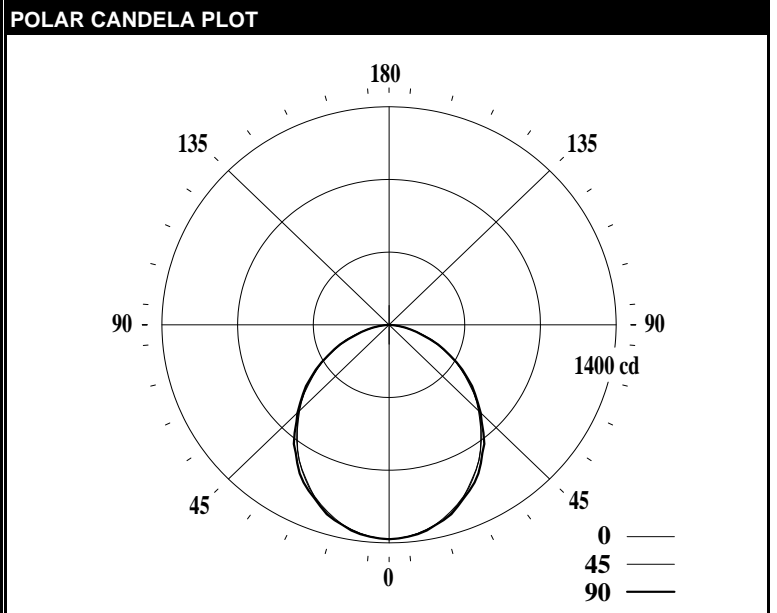


# LEDALITE - SILKSPACE DEFINITION

|                                |              |                                      |                                     |
|--------------------------------|--------------|--------------------------------------|-------------------------------------|
| <b>TEST DATE:</b>              | 18 Oct 2019  | <b>CATALOG NO:</b>                   | 4222x1STL83035AxDE                  |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | SILKSPACE DEFINITION 2X2 3500LM 830 |
| <b>No. of Lamps:</b>           | 88           |                                      |                                     |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 3413 lm 100.0%                      |
| <b>Input Watts:</b>            | 120 VAC 28.1 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 0% Up / 100% Dn 121.5               |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report:</b>                       | LNG00438                            |

| CANDELA DISTRIBUTION |      |      |      |      |      | Flux   |
|----------------------|------|------|------|------|------|--------|
|                      | 0    | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 1377 | 1377 | 1377 | 1377 | 1377 |        |
| 5                    | 1364 | 1368 | 1364 | 1369 | 1365 | 130    |
| 15                   | 1297 | 1296 | 1288 | 1303 | 1298 | 365    |
| 25                   | 1154 | 1174 | 1160 | 1185 | 1174 | 539    |
| 35                   | 982  | 1009 | 984  | 1015 | 1003 | 625    |
| 45                   | 780  | 800  | 787  | 818  | 798  | 615    |
| 55                   | 572  | 594  | 581  | 601  | 586  | 525    |
| 65                   | 367  | 387  | 364  | 385  | 372  | 373    |
| 75                   | 184  | 193  | 178  | 189  | 174  | 195    |
| 85                   | 34   | 41   | 32   | 37   | 26   | 45     |
| 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)      | 1376.6   |          | 0.0         |
| Direct: Peak Candela & Angle (90deg)     | 1376.6   |          | 0.0         |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.17     | 1.19     | 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)      | 1.90     | 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)                 | standard | standard |             |
| x, y, CCT, Duv                           | 0.4288   | 0.4004   | 3112 0.0003 |
| CRI (Ra), R9                             |          |          | 83 11       |
| 120V: P(W), I(A), THD(%), PF             | 28.1     | 0.236    | 9.1 0.993   |
| 277V: P(W), I(A), THD(%), PF             | 28.0     | 0.108    | 9.3 0.941   |
| 347V: P(W), I(A), THD(%), PF             | 28.7     | 0.087    | 8.2 0.955   |

| 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 | 101 | 97  | 107 | 103 | 99  | 98  | 95  | 93  | 85  |     |   |
| 2                               | 100 | 92  | 85  | 80  | 97  | 90  | 84  | 87  | 82  | 77  | 72  |     |   |
| 3                               | 91  | 81  | 73  | 67  | 89  | 80  | 72  | 77  | 70  | 65  | 61  |     |   |
| 4                               | 84  | 72  | 64  | 57  | 82  | 71  | 63  | 68  | 62  | 56  | 52  |     |   |
| 5                               | 77  | 65  | 56  | 50  | 75  | 64  | 55  | 62  | 54  | 49  | 46  |     |   |
| 6                               | 71  | 58  | 50  | 43  | 70  | 58  | 49  | 56  | 48  | 43  | 40  |     |   |
| 7                               | 66  | 53  | 45  | 39  | 65  | 52  | 44  | 51  | 44  | 38  | 36  |     |   |
| 8                               | 62  | 49  | 40  | 35  | 60  | 48  | 40  | 47  | 39  | 34  | 32  |     |   |
| 9                               | 58  | 45  | 37  | 31  | 56  | 44  | 36  | 43  | 36  | 31  | 29  |     |   |
| 10                              | 54  | 41  | 34  | 28  | 53  | 41  | 33  | 40  | 33  | 28  | 26  |     |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 1033   | 30.3%    | 30.3%  |
| 0-40                | 1659   | 48.6%    | 48.6%  |
| 0-60                | 2799   | 82.0%    | 82.0%  |
| 0-90                | 3413   | 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               | 3413   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |      |      |      |
|------------------------------------|------|------|------|
|                                    | 0    | 45   | 90   |
| 0                                  | 4082 | 4082 | 4082 |
| 5                                  | 4059 | 4061 | 4063 |
| 15                                 | 3980 | 3953 | 3985 |
| 25                                 | 3775 | 3795 | 3841 |
| 35                                 | 3556 | 3561 | 3631 |
| 45                                 | 3270 | 3301 | 3347 |
| 55                                 | 2955 | 3004 | 3031 |
| 65                                 | 2573 | 2557 | 2611 |
| 75                                 | 2104 | 2037 | 1998 |
| 85                                 | 1143 | 1099 | 898  |

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



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