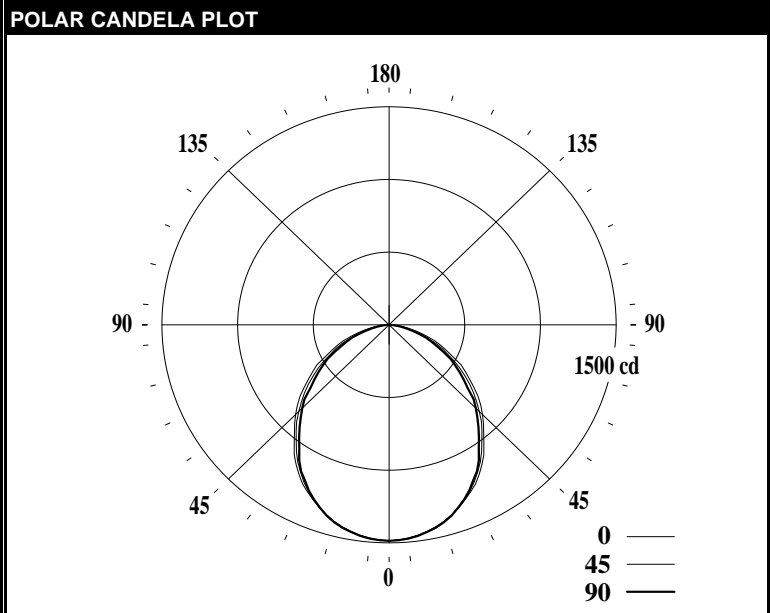


LEDALITE - SILKSPACE DEFINITION

| | | | |
|--------------------------------|--------------|--------------------------------------|-------------------------------------|
| TEST DATE: | 18 Oct 2019 | CATALOG NO: | 4214x1STL84035AxDE |
| Lamp Type: | LED | Description: | SILKSPACE DEFINITION 1X4 3500LM 840 |
| No. of Lamps: | 88 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 3653 lm 100.0% |
| Input Watts: | 120 VAC 31.1 | Up/Dn Ratio, Efficacy (lm/W): | 0% Up / 100% Dn 117.5 |
| CIE-IES Classification: | Direct | Report: | LNG00486 |

| CANDELA DISTRIBUTION | | | | | | Flux |
|----------------------|------|------|------|------|------|--------|
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 1486 | 1486 | 1486 | 1486 | 1486 | |
| 5 | 1472 | 1478 | 1474 | 1477 | 1476 | 140 |
| 15 | 1400 | 1413 | 1403 | 1410 | 1405 | 397 |
| 25 | 1271 | 1287 | 1263 | 1272 | 1256 | 585 |
| 35 | 1092 | 1110 | 1066 | 1063 | 1034 | 672 |
| 45 | 873 | 889 | 843 | 830 | 811 | 657 |
| 55 | 648 | 656 | 611 | 599 | 570 | 555 |
| 65 | 419 | 430 | 390 | 386 | 351 | 393 |
| 75 | 214 | 215 | 184 | 183 | 163 | 206 |
| 85 | 52 | 54 | 38 | 40 | 29 | 51 |
| 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) | 1486.0 | 0.0 | |
| Direct: Peak Candela & Angle (90deg) | 1486.0 | 0.0 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.19 | 1.17 | 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 | 0.91 | 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 | 0.3794 | 0.3781 | 4040 0.0010 |
| CRI (Ra), R9 | | | 82 10 |
| 120V: P(W), I(A), THD(%), PF | 31.1 | 0.260 | 8.1 0.994 |
| 277V: P(W), I(A), THD(%), PF | 31.0 | 0.118 | 8.9 0.951 |
| 347V: P(W), I(A), THD(%), PF | 31.7 | 0.095 | 7.5 0.962 |

| COEFFICIENTS OF UTILIZATION (%) | | | | | | | | | | | | | |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|---|
| Pc--- | 80 | | | | 70 | | | | 50 | | | | 0 |
| Pw--- | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 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 | 86 | 80 | 97 | 90 | 84 | 87 | 82 | 77 | 72 | | |
| 3 | 91 | 81 | 73 | 67 | 89 | 80 | 72 | 77 | 71 | 65 | 61 | | |
| 4 | 84 | 72 | 64 | 57 | 82 | 71 | 63 | 69 | 62 | 56 | 53 | | |
| 5 | 77 | 65 | 56 | 50 | 75 | 64 | 56 | 62 | 55 | 49 | 46 | | |
| 6 | 72 | 59 | 50 | 44 | 70 | 58 | 50 | 56 | 49 | 43 | 40 | | |
| 7 | 67 | 53 | 45 | 39 | 65 | 53 | 44 | 51 | 44 | 38 | 36 | | |
| 8 | 62 | 49 | 41 | 35 | 61 | 48 | 40 | 47 | 40 | 34 | 32 | | |
| 9 | 58 | 45 | 37 | 31 | 57 | 44 | 37 | 43 | 36 | 31 | 29 | | |
| 10 | 54 | 42 | 34 | 29 | 53 | 41 | 34 | 40 | 33 | 28 | 26 | | |

*Based on a floor reflectance of 0.2



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

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 1121 | 30.7% | 30.7% |
| 0-40 | 1793 | 49.1% | 49.1% |
| 0-60 | 3004 | 82.2% | 82.2% |
| 0-90 | 3653 | 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 | 3653 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|------|------|------|
| | 0 | 45 | 90 |
| 0 | 4505 | 4505 | 4505 |
| 5 | 4480 | 4486 | 4493 |
| 15 | 4394 | 4402 | 4410 |
| 25 | 4250 | 4223 | 4202 |
| 35 | 4041 | 3946 | 3826 |
| 45 | 3743 | 3615 | 3475 |
| 55 | 3427 | 3231 | 3013 |
| 65 | 3007 | 2796 | 2517 |
| 75 | 2502 | 2160 | 1904 |
| 85 | 1812 | 1315 | 1009 |

