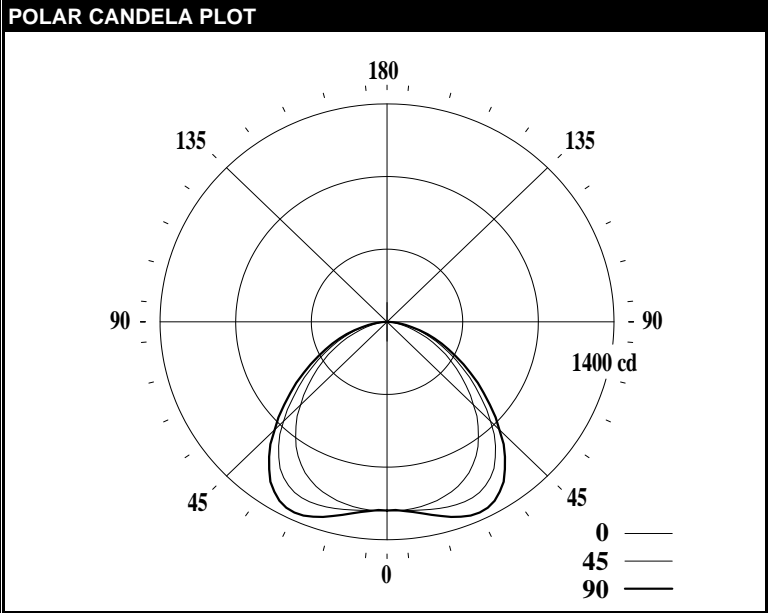


# LEDALITE - VECTRA 1'X4' - RECESSED

|                                |              |                                      |                       |
|--------------------------------|--------------|--------------------------------------|-----------------------|
| <b>TEST DATE:</b>              | 07 Jan 2012  | <b>CATALOG NO:</b>                   | 9714DxxxLB36          |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | VECTRA 1X4 LO 3500K   |
| <b>No. of Lamps:</b>           | 176          |                                      |                       |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 3600 lm 100.0%        |
| <b>Input Watts:</b>            | 120 VAC 43.0 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 0% Up / 100% Dn 83.7  |
| <b>CIE-IES Classification:</b> | Direct       | <b>Report (Ele, Col, Photo):</b>     | N/A ITL70686 ITL70670 |

| CANDELA DISTRIBUTION |      |      |      |      |      |        |
|----------------------|------|------|------|------|------|--------|
|                      | Flux |      |      |      |      |        |
|                      | 0    | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 1212 | 1212 | 1212 | 1212 | 1212 |        |
| 5                    | 1214 | 1215 | 1217 | 1216 | 1220 | 116    |
| 15                   | 1189 | 1204 | 1241 | 1274 | 1291 | 352    |
| 25                   | 1120 | 1162 | 1247 | 1320 | 1352 | 572    |
| 35                   | 978  | 1042 | 1150 | 1226 | 1254 | 705    |
| 45                   | 753  | 810  | 903  | 965  | 980  | 685    |
| 55                   | 523  | 559  | 622  | 673  | 684  | 550    |
| 65                   | 312  | 335  | 379  | 412  | 418  | 373    |
| 75                   | 136  | 165  | 196  | 213  | 208  | 197    |
| 85                   | 26   | 43   | 48   | 49   | 46   | 52     |
| 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    |        |



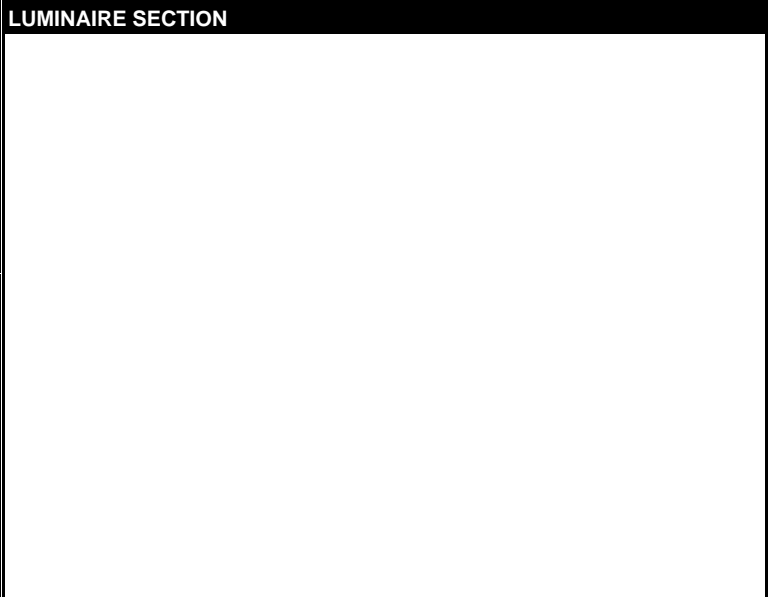
| CHARACTERISTICS                          |        |        |             |
|------------------------------------------|--------|--------|-------------|
| RP1                                      |        |        | None        |
| Direct: Peak Candela & Angle (0deg)      | 1216.0 | 2.5    |             |
| Direct: Peak Candela & Angle (90deg)     | 1352.0 | 25.0   |             |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.29   | 1.52   | 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)      | 3.8438 | 0.8125 | 0.0000      |
| UGR (4H x 8H, 0.25H)                     |        |        | N/A         |
| Ballast Factor, Multiplication Factor    | 1.000  | 1.000  |             |
| DesignLights Consortium                  |        |        | N/A         |
| x, y, CCT, Duv                           | 0.4109 | 0.4023 | 3472 0.0040 |
| CRI (Ra), R9                             |        |        | 83 22       |
| 120V: P(W), I(A), THD(%), PF             | N/A    | N/A    | N/A N/A     |
| 277V: P(W), I(A), THD(%), PF             | N/A    | N/A    | N/A N/A     |
| 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  | 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  | 81  | 71  | 63  | 68  | 61  | 56  | 52  |   |
|                                 | 5  | 77  | 65  | 56  | 49  | 75  | 63  | 55  | 61  | 54  | 49  | 45  |   |
|                                 | 6  | 71  | 58  | 49  | 43  | 69  | 57  | 49  | 55  | 48  | 43  | 40  |   |
|                                 | 7  | 66  | 53  | 44  | 38  | 64  | 52  | 44  | 50  | 43  | 38  | 35  |   |
|                                 | 8  | 62  | 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                | 1039   | 28.9%    | 28.9%  |
| 0-40                | 1744   | 48.4%    | 48.4%  |
| 0-60                | 2979   | 82.7%    | 82.7%  |
| 0-90                | 3600   | 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               | 3600   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m²) |      |      |      |
|-----------------------|------|------|------|
|                       | 0    | 45   | 90   |
| 0                     | 4176 | 4176 | 4176 |
| 5                     | 4199 | 4209 | 4219 |
| 15                    | 4241 | 4427 | 4605 |
| 25                    | 4258 | 4741 | 5140 |
| 35                    | 4113 | 4837 | 5274 |
| 45                    | 3669 | 4400 | 4775 |
| 55                    | 3142 | 3736 | 4109 |
| 65                    | 2544 | 3090 | 3408 |
| 75                    | 1810 | 2609 | 2769 |
| 85                    | 1028 | 1897 | 1818 |



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