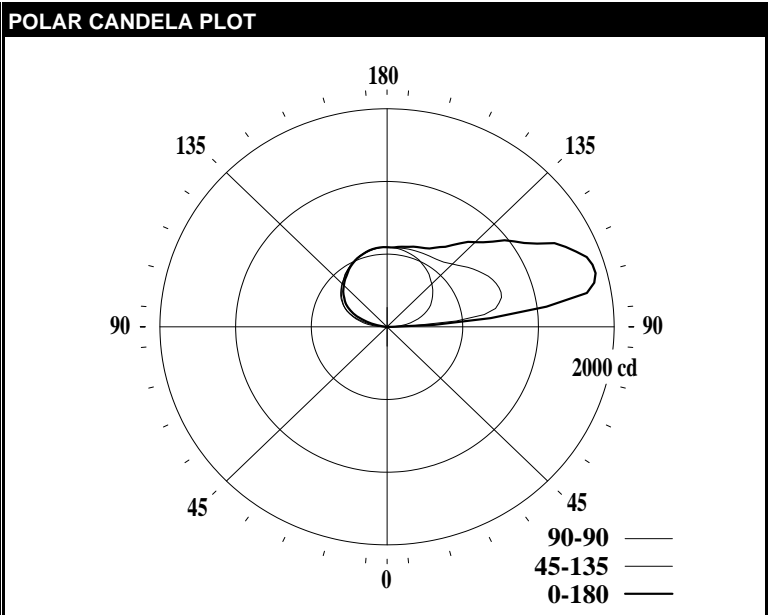


# LEDALITE - TRUGROOVE COVE

|                                |              |                                      |                                |
|--------------------------------|--------------|--------------------------------------|--------------------------------|
| <b>TEST DATE:</b>              | 26 Nov 2019  | <b>CATALOG NO:</b>                   | TC08L85040LN04xDE              |
| <b>Lamp Type:</b>              | LED          | <b>Description:</b>                  | TRUGROOVE COVE FILL 4000LM 850 |
| <b>No. of Lamps:</b>           | 88           |                                      |                                |
| <b>Rated Lamp Lumens:</b>      | -1           | <b>Flux (lm), Efficiency (%):</b>    | 3936 lm 100.0%                 |
| <b>Input Watts:</b>            | 120 VAC 30.5 | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 99% Up / 1% Dn 129.0           |
| <b>CIE-IES Classification:</b> | Indirect     | <b>Report:</b>                       | LNG00756                       |

| CANDELA DISTRIBUTION |      |      |     |     |     | Flux   |
|----------------------|------|------|-----|-----|-----|--------|
|                      | 0    | 45   | 90  | 135 | 180 | Lumens |
| 0                    | 4    | 4    | 4   | 4   | 4   |        |
| 5                    | 4    | 4    | 4   | 4   | 5   | 0      |
| 15                   | 3    | 3    | 4   | 4   | 3   | 1      |
| 25                   | 2    | 3    | 4   | 3   | 3   | 1      |
| 35                   | 1    | 4    | 5   | 3   | 2   | 2      |
| 45                   | 0    | 5    | 6   | 5   | 2   | 3      |
| 55                   | 0    | 7    | 7   | 6   | 3   | 5      |
| 65                   | 0    | 10   | 9   | 8   | 3   | 7      |
| 75                   | 0    | 13   | 10  | 10  | 4   | 10     |
| 85                   | 0    | 18   | 11  | 11  | 4   | 16     |
| 90                   | 42   | 70   | 26  | 12  | 4   |        |
| 95                   | 918  | 613  | 120 | 31  | 15  | 295    |
| 105                  | 1902 | 1044 | 283 | 255 | 186 | 677    |
| 115                  | 1736 | 1025 | 408 | 410 | 356 | 715    |
| 125                  | 1366 | 925  | 489 | 498 | 459 | 635    |
| 135                  | 1098 | 815  | 558 | 560 | 538 | 534    |
| 145                  | 896  | 757  | 621 | 617 | 605 | 433    |
| 155                  | 796  | 744  | 674 | 673 | 669 | 326    |
| 165                  | 760  | 738  | 706 | 713 | 711 | 205    |
| 175                  | 732  | 727  | 727 | 730 | 731 | 70     |
| 180                  | 730  | 730  | 730 | 730 | 730 |        |



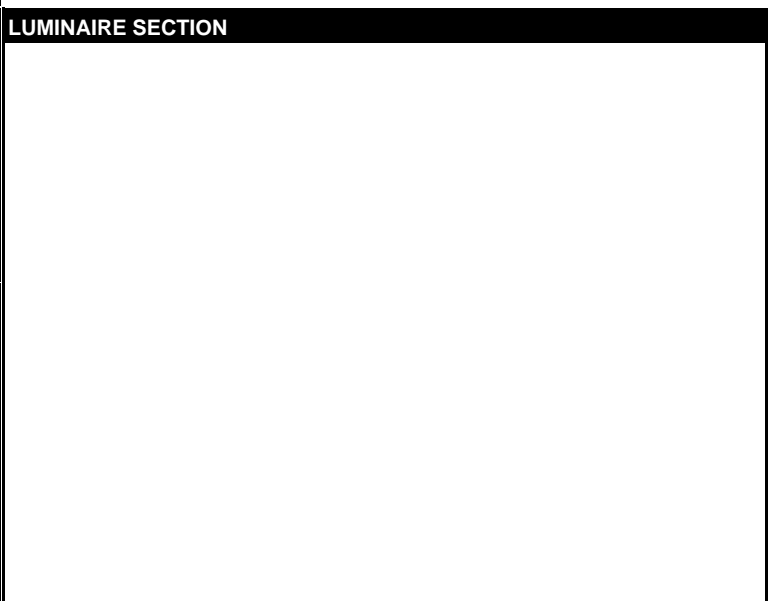
| CHARACTERISTICS                          |   |        |             |
|--|---|--------|-------------|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Critical spaces |        |             |
| Direct: Peak Candela & Angle (0deg)      | 42.3  | 90.0   |             |
| Direct: Peak Candela & Angle (180deg)    | 4.6   | 5.0    |             |
| Spacing Criteria (0deg, 90deg, 180deg)   | 0.65  | 1.86   | 0.69        |
| Indirect: Peak Candela & Angle           | 1901.7  | 105.0  |             |
| Indirect: Zenith Candela, Peak to Zenith | 730.2   | 2.60   |             |
| Luminous Length, Width, Height (ft)      | 0.35  | 4.00   | 0.02        |
| UGR (4H x 8H, 0.25H)                     | N/A   |        |             |
| Melanopic Ratio                          | N/A   |        |             |
| DLC (120/277), DLC (347)                 | N/A   | N/A    |             |
| x, y, CCT, Duv                           | 0.3402  | 0.3481 | 5183 0.0003 |
| CRI (Ra), R9                             | 83  |        | 15          |
| 120V: P(W), I(A), THD(%), PF             | 30.5  | 0.270  | 8.2 0.994   |
| 277V: P(W), I(A), THD(%), PF             | 30.4  | 0.120  | 9.0 0.949   |
| 347V: P(W), I(A), THD(%), PF             | 31.1  | 0.100  | 7.7 0.960   |

| COEFFICIENTS OF UTILIZATION (%) |    |    |    |    |    |    |    |    |    |    |   |  |   |
|---------------------------------|----|----|----|----|----|----|----|----|----|----|---|--|---|
| Pc---                           | 80 |    |    |    | 70 |    |    |    | 50 |    |   |  | 0 |
| Pw---                           | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 |  |   |
| RCR                             |    |    |    |    |    |    |    |    |    |    |   |  |   |
| 0                               | 96 | 96 | 96 | 96 | 82 | 82 | 82 | 56 | 56 | 56 | 1 |  |   |
| 1                               | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 49 | 47 | 45 | 1 |  |   |
| 2                               | 79 | 72 | 66 | 61 | 67 | 62 | 57 | 42 | 40 | 37 | 0 |  |   |
| 3                               | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 37 | 34 | 31 | 0 |  |   |
| 4                               | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 33 | 29 | 26 | 0 |  |   |
| 5                               | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 29 | 25 | 22 | 0 |  |   |
| 6                               | 55 | 44 | 36 | 31 | 47 | 38 | 31 | 26 | 22 | 19 | 0 |  |   |
| 7                               | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 19 | 17 | 0 |  |   |
| 8                               | 47 | 35 | 28 | 23 | 40 | 30 | 24 | 21 | 17 | 14 | 0 |  |   |
| 9                               | 43 | 32 | 25 | 20 | 37 | 27 | 22 | 19 | 15 | 13 | 0 |  |   |
| 10                              | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 17 | 14 | 11 | 0 |  |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 3      | 0.1%     | 0.1%   |
| 0-40                | 5      | 0.1%     | 0.1%   |
| 0-60                | 13     | 0.3%     | 0.3%   |
| 0-90                | 46     | 1.2%     | 1.2%   |
| 90-130              | 2322   | 59.0%    | 59.0%  |
| 90-150              | 3289   | 83.6%    | 83.6%  |
| 90-180              | 3889   | 98.8%    | 98.8%  |
| 0-180               | 3936   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |    |     |     |
|------------------------------------|----|-----|-----|
|                                    | 0  | 90  | 180 |
| 0                                  | 32 | 32  | 32  |
| 5                                  | 31 | 34  | 35  |
| 15                                 | 23 | 30  | 25  |
| 25                                 | 13 | 31  | 22  |
| 35                                 | 6  | 42  | 21  |
| 45                                 | 0  | 61  | 20  |
| 55                                 | 0  | 96  | 31  |
| 65                                 | 0  | 160 | 52  |
| 75                                 | 0  | 297 | 100 |
| 85                                 | 0  | 909 | 224 |



**LEDALITE**

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