



# LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING  
MEMBER  
of the  
IESNA

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LTL Number: 16755

Date: 09-30-2009

Prepared For: C. Crane Company, Inc.

Catalog Number: Geobulb-3 Warm White "A"

Lamp: One VBU A19 LED Replacement Lamp

LED Power Supply: Internal

Luminaire Efficacy: 57.4 Lumens/Watt

| Luminaire Input Voltage                        | Input Current       | Luminaire Watts          | Power Factor         | Wavelength in nm | Spectral Flux in mW/nm | Wavelength in nm | Spectral Flux in mW/nm |
|--|---------------------|--------------------------|----------------------|------------------|------------------------|------------------|------------------------|
| 120.0VAC                                       | 0.0679A             | 6.873W                   | 0.844                | 350              | 0.0567                 | 610              | 7.9732                 |
| Radiant Flux mW                                | Luminous Flux lumen | Corr.Color Temperature K | Color Rend. Index Ra | 360              | 0.0420                 | 620              | 7.2349                 |
| 1237.08  | 394.844             | 2722                     | 67                   | 370              | 0.0488                 | 630              | 6.3431                 |
| Chroma x                                       | Chroma y            | Chroma u                 | Chroma v             | 380              | 0.0436                 | 640              | 5.4611                 |
| 0.4477   | 0.3916              | 0.2632                   | 0.3453               | 390              | 0.0392                 | 650              | 4.6178                 |
| <p>Chromaticity Diagram CIE 1931, 2 degree</p> |                     |                          |                      | 400              | 0.0477                 | 660              | 3.8548                 |
|  |                     |                          |                      | 410              | 0.0639                 | 670              | 3.1774                 |
|  |                     |                          |                      | 420              | 0.1607                 | 680              | 2.5999                 |
|  |                     |                          |                      | 430              | 0.5579                 | 690              | 2.1201                 |
|  |                     |                          |                      | 440              | 1.7278                 | 700              | 1.7177                 |
|  |                     |                          |                      | 450              | 4.2118                 | 710              | 1.3902                 |
|  |                     |                          |                      | 460              | 4.0598                 | 720              | 1.1193                 |
|  |                     |                          |                      | 470              | 2.2834                 | 730              | 0.9015                 |
|  |                     |                          |                      | 480              | 1.3116                 | 740              | 0.7244                 |
|  |                     |                          |                      | 490              | 1.0783                 | 750              | 0.5915                 |
|  |                     |                          |                      | 500              | 1.2362                 | 760              | 0.4682                 |
|  |                     |                          |                      | 510              | 1.6261                 | 770              | 0.3786                 |
|  |                     |                          |                      | 520              | 2.1258                 | 780              | 0.3068                 |
|  |                     |                          |                      | 530              | 2.8050                 | 790              | 0.2645                 |
|  |                     |                          |                      | 540              | 3.7503                 | 800              | 0.2120                 |
|  |                     |                          |                      | 550              | 5.0101                 | 810              | 0.1454                 |
| 560  | 6.4043              | 820                      | 0.1392               |                  |                        |                  |                        |
| 570  | 7.5774              | 830                      | 0.1243               |                  |                        |                  |                        |
| 580  | 8.3400              | 840                      | 0.1061               |                  |                        |                  |                        |
| 590  | 8.6725              | 850                      | 0.1179               |                  |                        |                  |                        |
| 600  | 8.4893              |                          |                      |                  |                        |                  |                        |

