BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.
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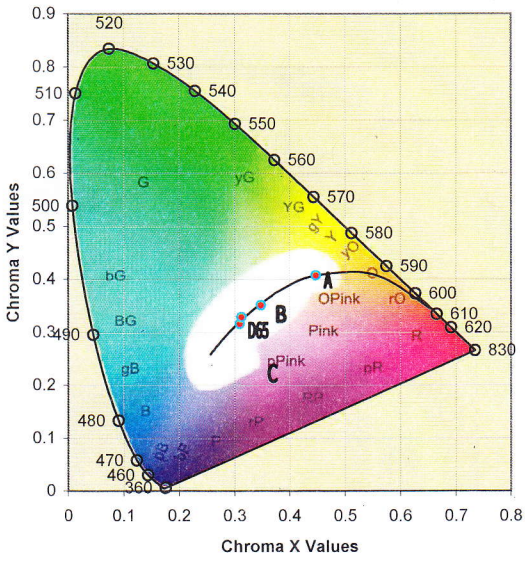
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

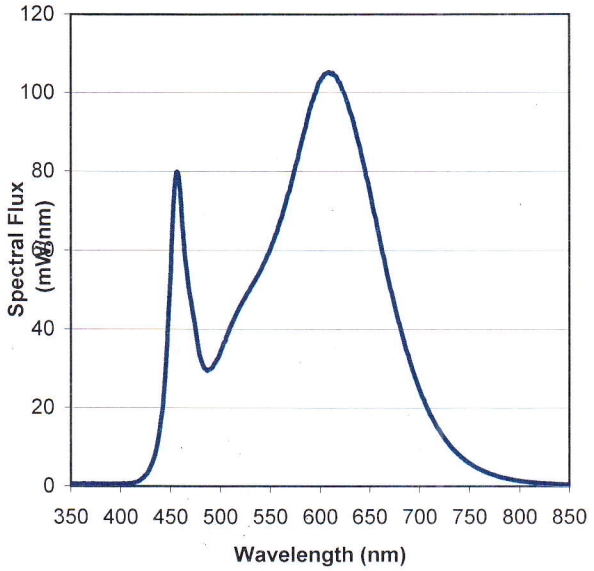
BALLABS CERTIFIED TEST REPORT NO.: 19386.0 A DATE 06/06/16
PREPARED FOR: CHAMELEON LIGHTING - ELLISVILLE, MO
DESCRIPTION: 2-168 LUMILEDS LED HALF RND ARRAYS 28.5"DIA LUMINAIRE
WHITE REFLECTOR w/WHITE FROSTED ACRYLIC DRUM DIFFUSER
DAVE ENG DDPM #DE10101 PROG TO 3000K CCT & FULL OUTPUT
CATALOG NBR: SV2-22
LAMP TYPE : CHAMELEON SEMI CIRCLE 2200/6500LED CHIP PCB #DE10052

| | |
|---|---|
| INPUT VOLTAGE (V) | 120.0 |
| INPUT CURRENT (A) | 0.4983 |
| INPUT WATTS (W) | 59.210 |
| POWER FACTOR | 0.9903 |
| THDv (%) | 0.144% |
| THDi (%) | 10.832% |
| LUMINOUS EFFICACY-LPW | 85.0 |
| LUMINOUS FLUX- LUMENS | 5035 |
| CHROMA x | 0.4261 |
| CHROMA y | 0.3793 |
| CHROMA u | 0.2544 |
| CHROMA v | 0.3397 |
| DELTA uv (Duv) | -0.0087 |
| CORR COLOR TEMP (K) | 2979 |
| COLOR REND INDEX (RA) | 87.82 |
| COLOR REND INDEX (R9) | 42.8 |

| Wavelength (nm) | Spectral Flux mW/nm | Wavelength (nm) | Spectral Flux mW/nm |
|---|---|---|---|
| 350 | 0.5222 | 610 | 104.7901 |
| 360 | 0.6143 | 620 | 102.4714 |
| 370 | 0.5734 | 630 | 95.5145 |
| 380 | 0.5524 | 640 | 86.2448 |
| 390 | 0.5164 | 650 | 75.1491 |
| 400 | 0.5440 | 660 | 63.1288 |
| 410 | 0.7015 | 670 | 51.1905 |
| 420 | 1.4968 | 680 | 40.9479 |
| 430 | 4.5641 | 690 | 31.9800 |
| 440 | 14.8700 | 700 | 24.5962 |
| 450 | 51.8841 | 710 | 18.5819 |
| 460 | 75.1953 | 720 | 14.0060 |
| 470 | 48.1856 | 730 | 10.4313 |
| 480 | 32.9490 | 740 | 7.7453 |
| 490 | 29.7706 | 750 | 5.7275 |
| 500 | 33.7425 | 760 | 4.2582 |
| 510 | 40.1842 | 770 | 3.1244 |
| 520 | 45.6121 | 780 | 2.3191 |
| 530 | 50.0994 | 790 | 1.7144 |
| 540 | 54.5040 | 800 | 1.2688 |
| 550 | 59.8527 | 810 | 0.9378 |
| 560 | 67.0074 | 820 | 0.7044 |
| 570 | 75.4978 | 830 | 0.5522 |
| 580 | 85.6125 | 840 | 0.4392 |
| 590 | 95.6531 | 850 | 0.3224 |
| 600 | 102.7270 | | |

Chromaticity Diagram CIE 1931 2 Degree




Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.

NVLAP®

NVLAP LAB CODE 200921-0

Kelly C Lerbs
Vice President

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