



LTL Number: 16244

Date: 08-05-2009

Prepared For: Everlight Americas

Catalog Number: SL-Dolphin/100240/AC/PH90

Luminaire: Cast gray enamel aluminum housing, no enclosure.

Lamps: 48 White LEDs with clear plastic optics below each.

LED Power Supply: One Mean Well CLG-100-24

Luminaire Efficacy: 45.1 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 | 0.7513A | 88.81W | 0.985 | | | | |
| Radiant Flux mW | Luminous Flux lumen | Corr.Color Temperature K | Color Rend. Index Ra | | | | |
| 12133.4 | 4005.860 | 5014 | 70.9 | 350 | 0.1788 | 610 | 49.9830 |
| Chroma x | Chroma y | Chroma u | Chroma v | 360 | 0.4120 | 620 | 44.1000 |
| 0.3459 | 0.3655 | 0.2067 | 0.3276 | 370 | 0.3877 | 630 | 38.1410 |
| | | | | 380 | 0.5349 | 640 | 32.4420 |
| | | | | 390 | 0.5438 | 650 | 27.1490 |
| | | | | 400 | 0.8044 | 660 | 22.4220 |
| | | | | 410 | 2.4261 | 670 | 18.1700 |
| | | | | 420 | 10.6180 | 680 | 14.7620 |
| | | | | 430 | 32.8640 | 690 | 11.8030 |
| | | | | 440 | 67.5120 | 700 | 9.4020 |
| | | | | 450 | 86.7620 | 710 | 7.4976 |
| | | | | 460 | 43.4220 | 720 | 5.8694 |
| | | | | 470 | 21.9070 | 730 | 4.5777 |
| | | | | 480 | 13.7540 | 740 | 3.4807 |
| | | | | 490 | 14.0990 | 750 | 2.8597 |
| | | | | 500 | 22.4230 | 760 | 2.2030 |
| | | | | 510 | 36.6100 | 770 | 1.6275 |
| | | | | 520 | 50.3020 | 780 | 1.2478 |
| | | | | 530 | 59.6390 | 790 | 1.2459 |
| | | | | 540 | 65.0780 | 800 | 0.7729 |
| | | | | 550 | 67.4160 | 810 | 0.4390 |
| | | | | 560 | 68.0820 | 820 | 0.2832 |
| | | | | 570 | 66.3330 | 830 | 0.9478 |
| | | | | 580 | 63.7450 | 840 | 0.7256 |
| | | | | 590 | 60.3900 | 850 | 0.6932 |
| | | | | 600 | 55.5730 | | |

