



LTL Number: 16245

Date: 08-05-2009

Prepared For: Everlight Americas

Catalog Number: SL-Dolphin/100240/AC/PH120B

Luminaire: Cast gray enamel aluminum housing, no enclosure.

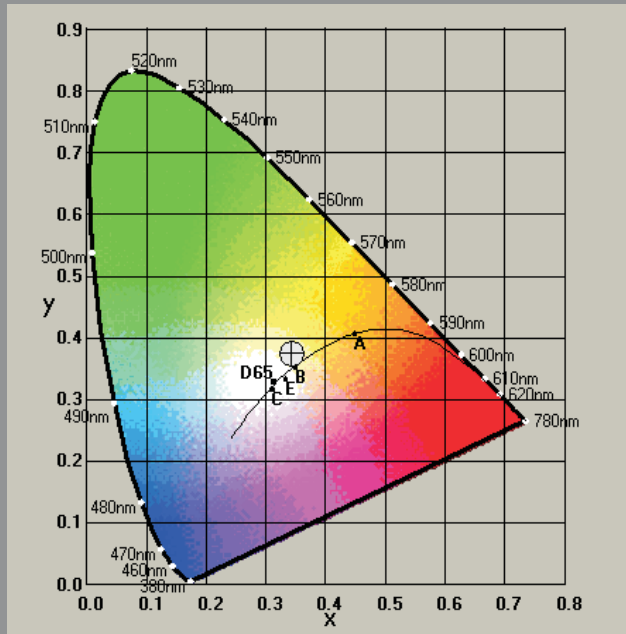
Lamps: 48 White LEDs with clear plastic optics below each.

LED Power Supply: One Energos Technology RB-300

Luminaire Efficacy: 48.6 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	1.1490A	135.5W	0.983				
Radiant Flux mW	Luminous Flux lumen	Corr.Color Temperature K	Color Rend. Index Ra				
19377.8	6584.300	5140	70.7				
Chroma x	Chroma y	Chroma u	Chroma v				
0.3429	0.3751	0.2013	0.3302				

350	0.4137	610	78.3590
360	0.4928	620	68.1060
370	0.5546	630	57.7520
380	0.6318	640	48.3690
390	0.6590	650	39.7990
400	1.1345	660	32.3410
410	3.4822	670	25.8560
420	14.4920	680	20.7840
430	40.4060	690	16.5320
440	76.9690	700	13.0810
450	119.9600	710	10.2850
460	97.0470	720	8.1054
470	54.8380	730	6.2282
480	35.1060	740	4.8663
490	30.9950	750	3.8130
500	40.4680	760	3.0238
510	61.4820	770	2.1022
520	83.4200	780	1.8197
530	98.9770	790	1.4169
540	108.0400	800	0.9661
550	111.8700	810	0.4855
560	112.5600	820	0.4162
570	109.1200	830	0.9132
580	103.9600	840	0.5290
590	97.3570	850	0.5777
600	88.5230		



Chromaticity Diagram CIE 1931, 2 degree

