

Please note, due to the size of the medium LA2 Essentials Three fixture, CSA Group was unable to capture a digital IES file and angular distribution. The following report includes electrical data, Lumen flux and output.

Sample Tested

LA2 Essential Three: 62"L x 6"W x 8"H

Lumen Output: 2722



Photometric Evaluation to IES LM-79-08 Sphere Test Results

Sample Tested

LA2 Three Medium

Prepared for:

LighArt

4770 Ohio Ave S. Suite A

Seattle, WA 98134

Phone: 206-890-0995

Technical Report Number

70113977 - 1

January 9, 2017

Prepared by:

A handwritten signature in black ink, appearing to read 'M Anderson'.


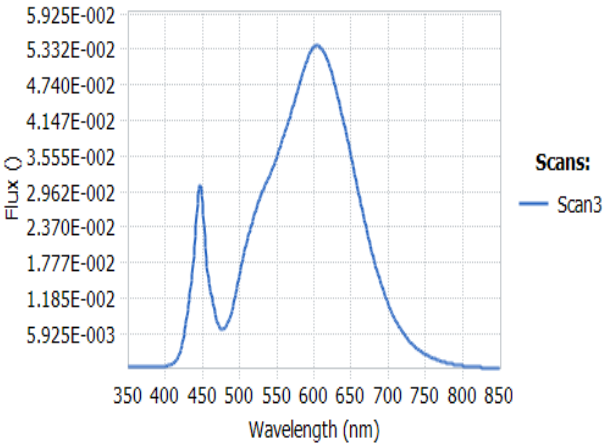
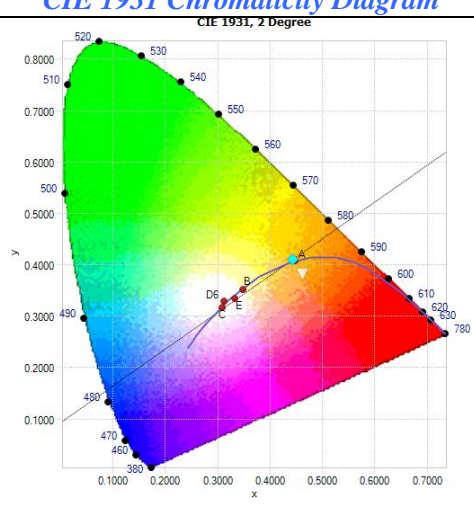
Mauricio Anderson, Project Manager

Approved by:

A handwritten signature in black ink, appearing to read 'J Whalen'.

Jesse Whalen, Operations Manager

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government

<i>Description of Evaluated Product</i>		<i>Photograph</i>
Product Tested:	LA2 Three Medium	
Manufacturer:	LightArt	
Notes:		
<i>Key Results</i>		
Luminous Flux:	2722 Lumens	
Input Power:	29.69 Watts	
Luminous Efficacy:	91.68 Lumens/Watt	
ISTMT Temp	Not Tested	
<i>Full Photometric Results</i>		<i>Spectral Flux Graph</i>
Total Luminous Flux:	2722 Lumens	
Luminous Efficacy	91.68 Lumens/Watt	
CCT	3003 K	
CRI	82.00	
R9	13.7	
Radiant Flux	8.55 Watts	
Chroma (x and y)	0.4361 0.4029	
Chroma (u and v)	0.2505 0.3472	
Chroma (u' and v')	0.2505 0.5208	
Duv	0.0005	
<i>Electrical Results</i>		<i>CIE 1931 Chromaticity Diagram</i>
Input Power	29.69 Watts	
Input Voltage (AC)	120.07 Volts	
Input Current	0.25686 Amps	
Power Factor	0.9629	
THD (V and A)	0.08 11.89	
<i>Test Conditions</i>		
Date of Test	January 5, 2017	
Ambient Temp	24.9°C	
Humidity	51%	
Stabilization Time	60 Minutes	
Total Operating Time	64 Minutes	
Orientation of Sample	Downward Facing	
<i>Equipment List</i>		
Equipment Used	ID Number	Calibration Due Date
Integrating Sphere D	SPH 400	N/A
Spectrometer	CDS 1100	N/A
Power Analyzer	PA 111	02/2017
CSA is an accredited Test Laboratory National Voluntary Laboratory Accreditation Program (NvLAP) 200732-0		