

Please note, due to the large LA2 Essentials Three fixture size, CSA Group was unable to capture a digital IES file and angular distribution.

The following report includes electrical data, Lumen flux and output.

LA2 Essential Three: 86"L x 6"W x 8"H (large)

Lumen Output: 3780



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

Sample Tested

LA2 Three Large

Prepared for:

LighArt

4770 Ohio Ave S. Suite A

Seattle, WA 98134

Phone: 206-890-0995

Technical Report Number

70113977 - 2

January 9, 2017

Prepared by:

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


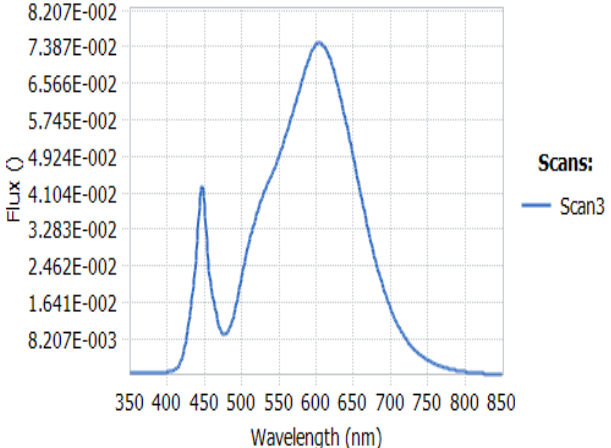
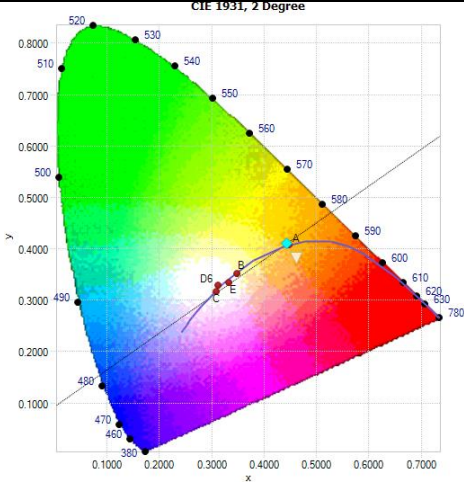
Mauricio Anderson, Project Manager

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 Large	
Manufacturer:	LightArt	
Notes:		
<i>Key Results</i>		
Luminous Flux:	3780 Lumens	
Input Power:	40.94 Watts	
Luminous Efficacy:	92.33 Lumens/Watt	
ISTMT Temp	Not Tested	
<i>Full Photometric Results</i>		<i>Spectral Flux Graph</i>
Total Luminous Flux:	3780 Lumens	
Luminous Efficacy	92.33 Lumens/Watt	
CCT	3010 K	
CRI	81.99	
R9	13.6	
Radiant Flux	11.86 Watts	
Chroma (x and y)	0.4361 0.4039	
Chroma (u and v)	0.2501 0.3475	
Chroma (u' and v')	0.2501 0.5212	
Duv	0.0005	
<i>Electrical Results</i>		<i>CIE 1931 Chromaticity Diagram</i>
Input Power	40.94 Watts	
Input Voltage (AC)	120.07 Volts	
Input Current	0.34913 Amps	
Power Factor	0.9769	
THD (V and A)	0.08 10.46	
<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		