



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

Sample Tested

**SIGN BOX 2 DOUBLE-SIDED REV C 701946-6WD201**

Prepared for:

**Aaron Meyer**

Sloan LED  
5725 Olivas Park Dr.  
Ventura, CA. 93003

Phone: 805-676-3200

**Technical Report Number  
70031012 - 3**

May 12, 2015

**Prepared by:**

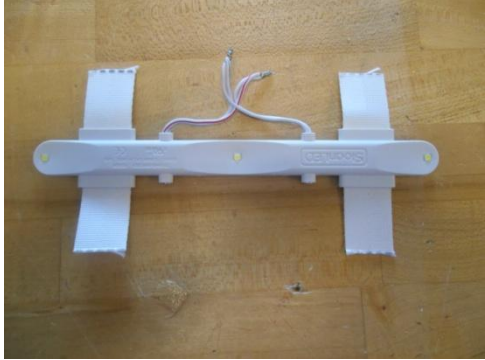
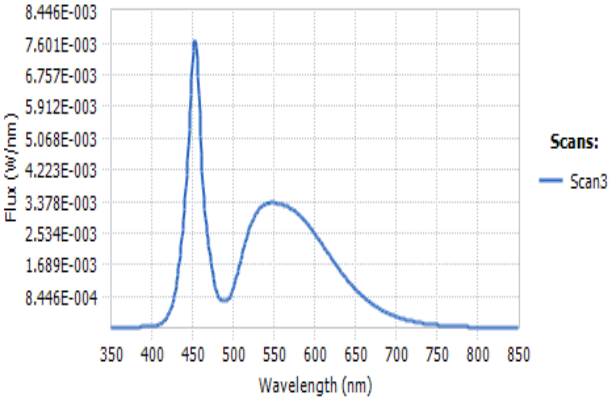
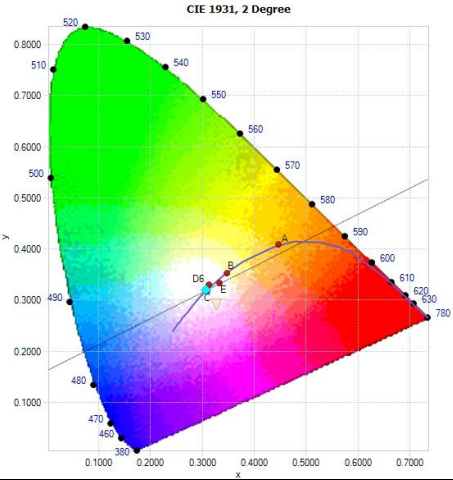
A handwritten signature in black ink, appearing to read 'M Anderson'.

Mauricio Anderson, Project Manager

**Approved by:**

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

Jesse Whalen, Operations Manager

<i>Description of Evaluated Product</i>		<i>Photograph</i>
Product Tested:	<b>SIGN BOX 2 DOUBLE-SIDED REV C 701946-6WD201</b>	
Manufacturer:	<b>Sloan LED</b>	
Notes: None		
<i>Key Results</i>		
<b>Luminous Flux:</b>	<b>196.9 Lumens</b>	
<b>Input Power:</b>	<b>1.7517 Watts</b>	
<b>Luminous Efficacy:</b>	<b>112.40 Lumens/Watt</b>	
<b>ISTMT Temp</b>	<b>Not Tested</b>	
<i>Full Photometric Results</i>		<i>Spectral Flux Graph</i>
Total Luminous Flux:	<b>196.9 Lumens</b>	
Luminous Efficacy	<b>112.40 Lumens/Watt</b>	
CCT	<b>6871 K</b>	
CRI	<b>74.22</b>	
R9	<b>-16.1</b>	
Radiant Flux	<b>0.628 Watts</b>	
Chroma (x and y)	<b>0.3077</b> <b>0.3203</b>	
Chroma (u and v)	<b>0.1976</b> <b>0.3085</b>	
Chroma (u' and v')	<b>0.1976</b> <b>0.4628</b>	
Duv	<b>0.0007</b>	
<i>Electrical Results</i>		<i>CIE 1931 Chromaticity Diagram</i>
Input Power	<b>1.7517 Watts</b>	
Input Voltage (AC)	<b>12.055 Volts</b>	
Input Current	<b>0.14433 Amps</b>	
Power Factor	<b>1.00</b>	
THD (V and A)	<b>N/A</b> <b>N/A</b>	
<i>Test Conditions</i>		
Date of Test	<b>May 12, 2015</b>	
Ambient Temp	<b>24.7°C</b>	
Humidity	<b>50%</b>	
Stabilization Time	<b>60 Minutes</b>	
Total Operating Time	<b>64 Minutes</b>	
Orientation of Sample	<b>Downward Facing</b>	
<i>Equipment List</i>		
<b>Equipment Used</b>	<b>ID Number</b>	<b>Calibration Due Date</b>
Integrating Sphere B	SPH 200	N/A
Spectrometer	CDS 1100A	N/A
Power Analyzer	PA 112	2/2016
CSA is an accredited Test Laboratory National Voluntary Laboratory Accreditation Program (NvLAP) 200732-0		