



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

Sample Tested

**SIGN BOX 2 SINGLE-SIDED REV D 701946-6WS201**

Prepared for:

**Aaron Meyer**

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

Phone: 805-676-3200

**Technical Report Number  
70031012 - 2**

May 13, 2015

**Prepared by:**

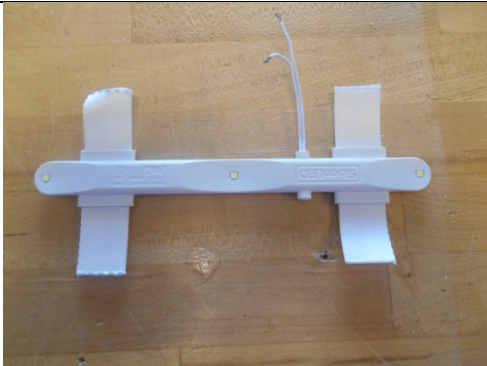
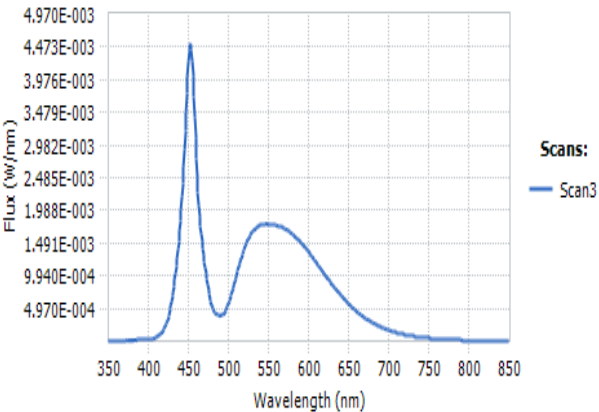
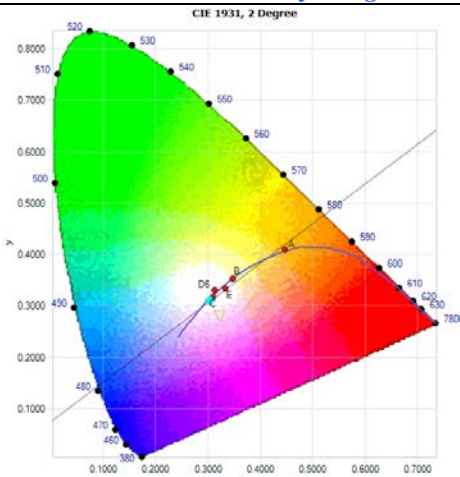
A handwritten signature in black ink, appearing to read 'M Anderson'.

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 SINGLE-SIDED REV D 701946-6WS201</b>													
Manufacturer:	<b>Sloan LED</b>													
Notes:	None													
<b>Key Results</b>														
<b>Luminous Flux:</b>	<b>105.6 Lumens</b>	<p align="center"><i>Spectral Flux Graph</i></p> 												
<b>Input Power:</b>	<b>0.9078 Watts</b>													
<b>Luminous Efficacy:</b>	<b>116.32 Lumens/Watt</b>													
<b>ISTMT Temp</b>	<b>Not Tested</b>													
<b>Full Photometric Results</b>														
Total Luminous Flux:	<b>105.6 Lumens</b>													
Luminous Efficacy	<b>116.32 Lumens/Watt</b>													
CCT	<b>7276 K</b>													
CRI	<b>75.28</b>													
R9	<b>-7.2</b>													
Radiant Flux	<b>0.345 Watts</b>													
Chroma (x and y)	<b>0.3035</b>	<b>0.3104</b>												
Chroma (u and v)	<b>0.1984</b>	<b>0.3044</b>												
Chroma (u' and v')	<b>0.1984</b>	<b>0.4566</b>												
Duv	<b>0.0019</b>													
<b>Electrical Results</b>		<p align="center"><i>CIE 1931 Chromaticity Diagram</i></p> 												
Input Power	<b>0.9078 Watts</b>													
Input Voltage (AC)	<b>12.011 Volts</b>													
Input Current	<b>0.07558 Amps</b>													
Power Factor	<b>1.00</b>													
THD (V and A)	<b>N/A</b>		<b>N/A</b>											
<b>Test Conditions</b>		<p align="center"><i>Equipment List</i></p> <table border="1"> <thead> <tr> <th><b>Equipment Used</b></th> <th><b>ID Number</b></th> <th><b>Calibration Due Date</b></th> </tr> </thead> <tbody> <tr> <td>Integrating Sphere B</td> <td>SPH 200</td> <td>N/A</td> </tr> <tr> <td>Spectrometer</td> <td>CDS 1100A</td> <td>N/A</td> </tr> <tr> <td>Power Analyzer</td> <td>PA 112</td> <td>2/2016</td> </tr> </tbody> </table>	<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
<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											
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>													
CSA is an accredited Test Laboratory National Voluntary Laboratory Accreditation Program (NvLAP) 200732-0														