

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

Sample Tested

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

Prepared for:

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

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Technical Report Number 70031012 - 3

May 12, 2015

Prepared by:

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Date: May 12, 2015

Description of Evaluated Product			Photograph		
Product Tested:	SIGN BOX 2 DOUBLE- SIDED REV C 701946- 6WD201				
Manufacturer: Sloan LED		LED			
Notes: None					
W.	D k				
Key Results Luminous Flux: 196.9 Lumens			- Contraction of the second		
	1.7517 Watts				
Input Power:	112.40 Lumens/Watt				
Luminous Efficacy:					
ISTMT Temp Not Tested		ested	Successful Elever Coursel		
Full Photometric Results			8.446E-003		
Total Luminous Flux:	196.9 L		7.601E-003		
Luminous Efficacy	112.40 Lui		6.757E-003		
CCT	6871 K		- 5.912E-003		
CRI	74.22		€ 5.068E-003 Sca	ns:	
R9	-16.1		은 4.223E-003	Scan3	
Radiant Flux	0.628 Watts				
Chroma (x and y)	0.3077	0.3203	2.534E-003		
Chroma (u and v)	0.1976	0.3085	1.689E-003		
Chroma (u' and v')	0.1976	0.4628	8.446E-004		
Duv	0.0		350 400 450 500 550 600 650 700 750 800 850		
Electr	rical Results		Wavelength (nm) CIE 1931 Chromaticity Diagram		
Input Power	1.7517 Watts		CIE 1931, 2 Degree		
Input Voltage (AC)	12.055 Volts		0.8000		
Input Current	0.14433 Amps		0.7000		
Power Factor	1.00		560		
THD (V and A)	N/A	N/A	570		
Test Conditions			0.500		
Date of Test	May 12, 2015		0.4000		
Ambient Temp	24.7	7°C	0.3000 490 CE 500 720 720		
Humidity	50%		780		
Stabilization Time	60 Minutes		0.2000		
Total Operating Time	64 Minutes		0.1000		
Orientation of Sample	Downward Facing		4/0		
*		8	0.1000 ³⁰⁰ 0.2000 0.3000 0.4000 0.5000 0.6000 0.7000 x		
		1	Equipment List		
Equipment Used			ID Number Calibration Due	Date	
Integrating Sphere B			SPH 200 N/A		
Spectrometer			CDS 1100A N/A		
Power Analyzer			PA 112 2/2016		
CSA is an	accredited Test Lab	ooratory National	Voluntary Laboratory Accreditation Program (NvLAP) 200732-0		

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