INTEGRATING SPHERE TEST REPORT
IES LM79-08 Section 9.1
TÜV SÜD America

November 4, 2015

Technical Report

72111161-01-SPH

Sample Tested: L31T8SE641

Manufacturer: Maxlite

Sample Description: LED T8 Replacement Lamp

Test Orientation: Intended (LBH)

Date of Test: November 2, 2015

Report Prepared by:

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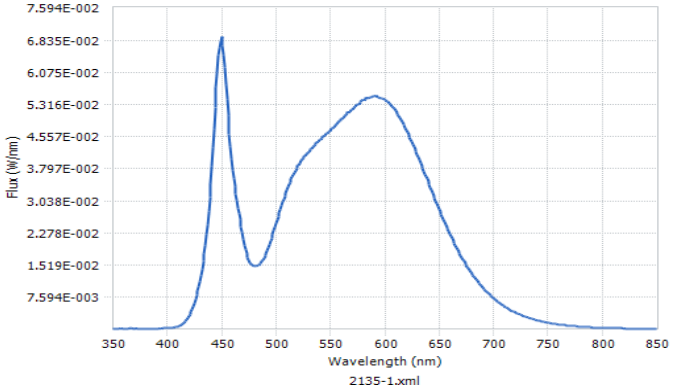
TÜV SÜD Project Manager

Report Reviewed by:

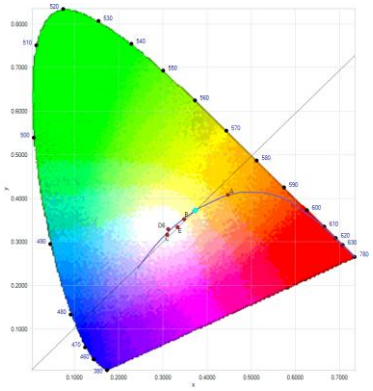
Bryan Cubitt

TÜV SÜD Program Manager

Test Results: TÜV SÜD Sample Ref# 2135-1



Spectral response of the Radiant Flux (350nm to 850nm)



Chromaticity Diagram CIE 1931, 2 Degree

λ(Peak): 449.7 nm **λ(Dom):** 578.3 nm **Tristimulus Values: x / y = 0.3728 / 0.3721**

Photometric Test Results		Electrical Test Results (120V / 277V)		
Luminous Flux (Lumens)	3,275	Input Power (Watts)	29.96	29.63
Efficacy (Lumens/Watt)	109.33	Input Voltage (Volts)	120.09	277.01
Color Temperature (CCT K)	4179	Input Current (Amps)	0.251	0.112
Color Rendering Index (CRI)	81.6	Power Factor	0.993	0.959
R_9 Value	8.0	THD-A%	9.21	2.53
Radiant Flux (W/nm)	10.0	Input Frequency (Hz)	60.0	60.0
Chroma u' / Chroma v'	0.2219 0.4984	Stabilization Time (Min)	50	
Duv	0.00015	Ambient Temperature	24.1°C	

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Confidential Report

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