



INTEGRATING SPHERE TEST REPORT

July 21, 2015

IES LM79-08 Section 9.1

Technical Report

TÜV SÜD America

72107705-04-SPH

Sample Tested: LRK24D3550

Manufacturer: Maxlite



Sample Description: LED Retrofit Luminaire

Test Orientation: Intended (FBH)

Date of Test: July 20th, 2015

Report Prepared by:

Report Reviewed by:

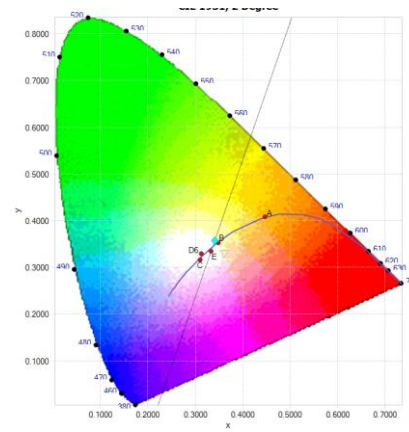
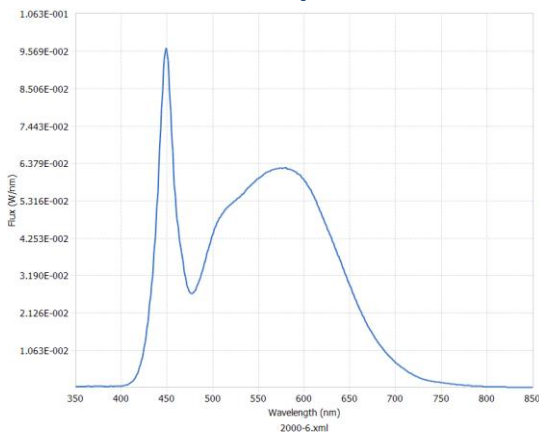
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Test Results: TÜV SÜD Sample Ref# 2000-6



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

λ (Peak): 448.9 nm λ (Dom): 566.2 nm

Chromaticity Diagram, CIE 1931, 2 Degree

Tristimulus Values: x / y = 0.3416 / 0.3577

Photometric Test Results (120V only)

Luminous Flux (Lumens)	4,006.0
Efficacy (Lumens/Watt)	115.35
Color Temperature (CCT K)	5149
Color Rendering Index (CRI)	82.8
R ₉ Value	4.8
Radiant Flux (W/nm)	12.5
Chroma u' / Chroma v'	0.2067 0.4871
Duv	0.00449

Electrical Test Results

120V / 277V

Input Power (Watts)	34.73	N/A
Input Voltage (Volts)	120.03	N/A
Input Current (Amps)	0.292	N/A
Power Factor	0.992	N/A
THD-A%	6.78	N/A
Input Frequency (Hz)	34.73	N/A
Stabilization Time (Min)	60	
Ambient Temperature	24.8°C	

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