



INTEGRATING SPHERE TEST REPORT

August 12, 2015

IES LM79-08 Section 9.1

Technical Report

TÜV SÜD America

72108614-01-SPH

Sample Tested: 11A19DLED27/G2

Manufacturer: Maxlite



Sample Description: 11W LED OMNI A19 2700K

Test Orientation: Lamp Base Up

Date of Test: July 31, 2015

Report Prepared by:

Report Reviewed by:

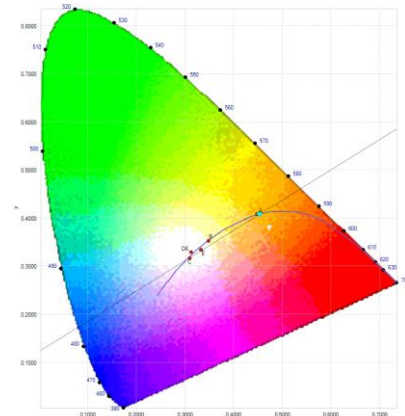
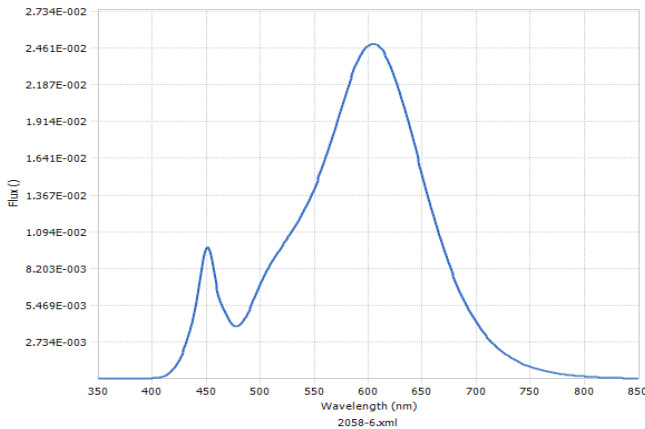
Ben Ferrell

Bryan Cubitt

TÜV SÜD Operations Manager

TÜV SÜD Program Manager

Test Results: TÜV SÜD Sample Ref# 2058-6, Note: represents Maxlite model # 44ZX55



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

$\lambda(\text{Peak})$: 603.9 nm $\lambda(\text{Dom})$: 583.9 nm

Chromaticity Diagram, CIE 1931, 2 Degree

Tristimulus Values: $x / y = 0.4527 / 0.4083$

Photometric Test Results

Luminous Flux (Lumens)	1,171.0
Efficacy (Lumens/Watt)	104.15
Color Temperature (CCT K)	2783
Color Rendering Index (CRI)	80.8
R_9 Value	2.7
Radiant Flux (W/nm)	3.6
Chroma u' / Chroma v'	0.2589 0.5254
Duv	-0.00021

Electrical Test Results

120V	
Input Power (Watts)	11.24
Input Voltage (Volts)	120.09
Input Current (Amps)	0.102
Power Factor	0.919
THD-A%	30.12
Input Frequency (Hz)	60.0
Stabilization Time (Min)	60
Ambient Temperature	24.5°C

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