



LM-79 Test Report

Standards

IES LM-79-2008

IES TM-30-2015

CIE 13.3-1995

Product SKU

XFL-FS-2404-12022-4095

Test Conditions

Test Temperature: 24°C

Test Sample: 300mm

Power Supply: HP

Voltage: 24V

Power Consumption: 4.1W

Test Date

7/9/2020

Prepared By

Approved By

Richard Wong
Director of Engineering

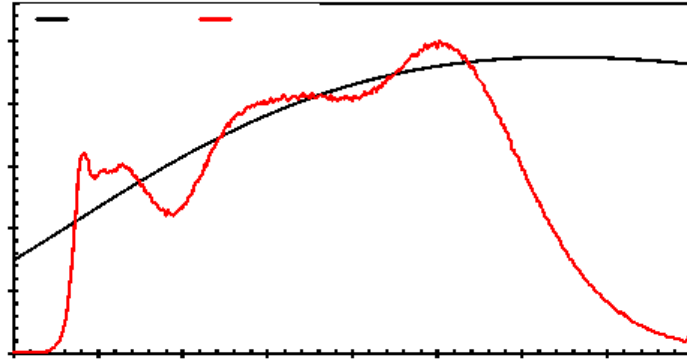
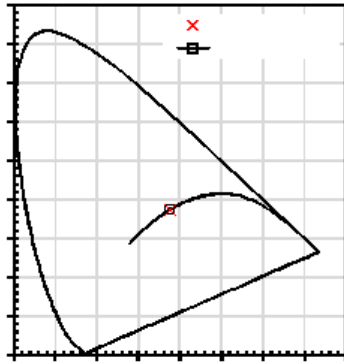
Ishita Goswami
Director of Product Marketing

The results contained in this report pertain only to the tested sample.
Photometric & Colorimetry data measured in accordance to IES LM-79-2008 standards, at Xicato.

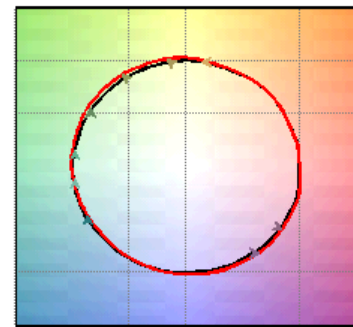
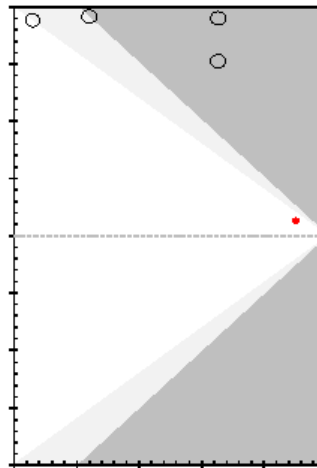
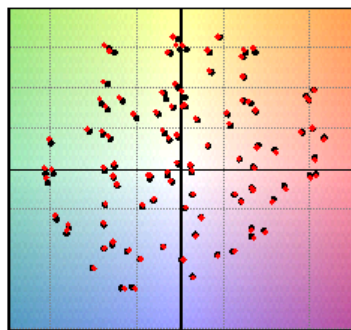
Colorimetry results are given in Table 1. Each SPD has

Metric	Test	Reference	Notes	Metric	Test	Reference	Notes
R_f	95	100	IES TM-30-15 Fidelity Index	CCT	4115	4115	Correlated Color Temperature
R_x	103	100	IES TM-30-15 Gamut Index	D_{uv}	0.0007	0.0000	Distance from the blackbody locus
CIE R_a	96	100	CIE Test Color Method General Index	x	0.3759	0.3755	CIE 1931 chromaticity coordinate
R_9	99	100	CIE Test Color Method Sample Nine Score	y	0.3753	0.3736	CIE 1931 chromaticity coordinate
LER	269	192	Luminous Efficacy of radiation	u	0.2227	0.2231	CIE 1960 chromaticity coordinate
R_{Tskin}	97	100	Average of CIE S15 and CIE S18 (skin)	v	0.3335	0.3330	CIE 1960 chromaticity coordinate
				u'	0.2227	0.2231	CIE 1976 chromaticity coordinate
				v'	0.5003	0.4995	CIE 1976 chromaticity coordinate

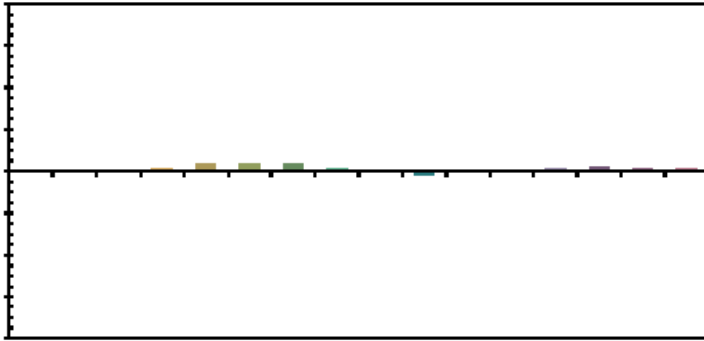
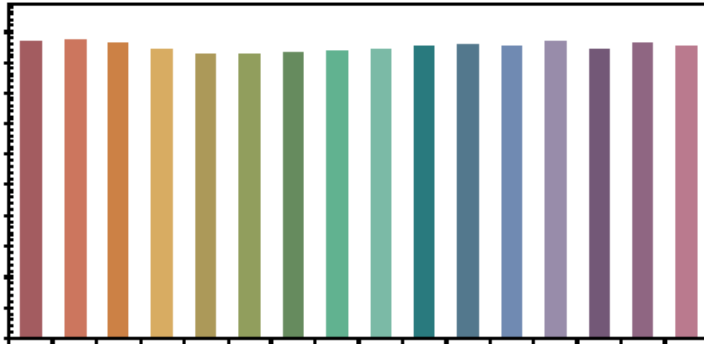
Source Properties



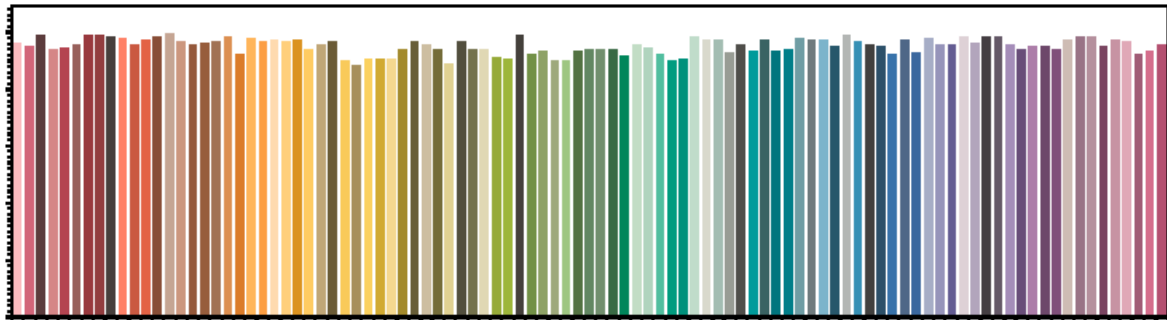
General Color Rendition



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Color Fidelity by Sample



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