

TIVOLI, LCC

TM-30-15 REPORT

MODEL NO. ECL-06-30-1

RENDERED TO:

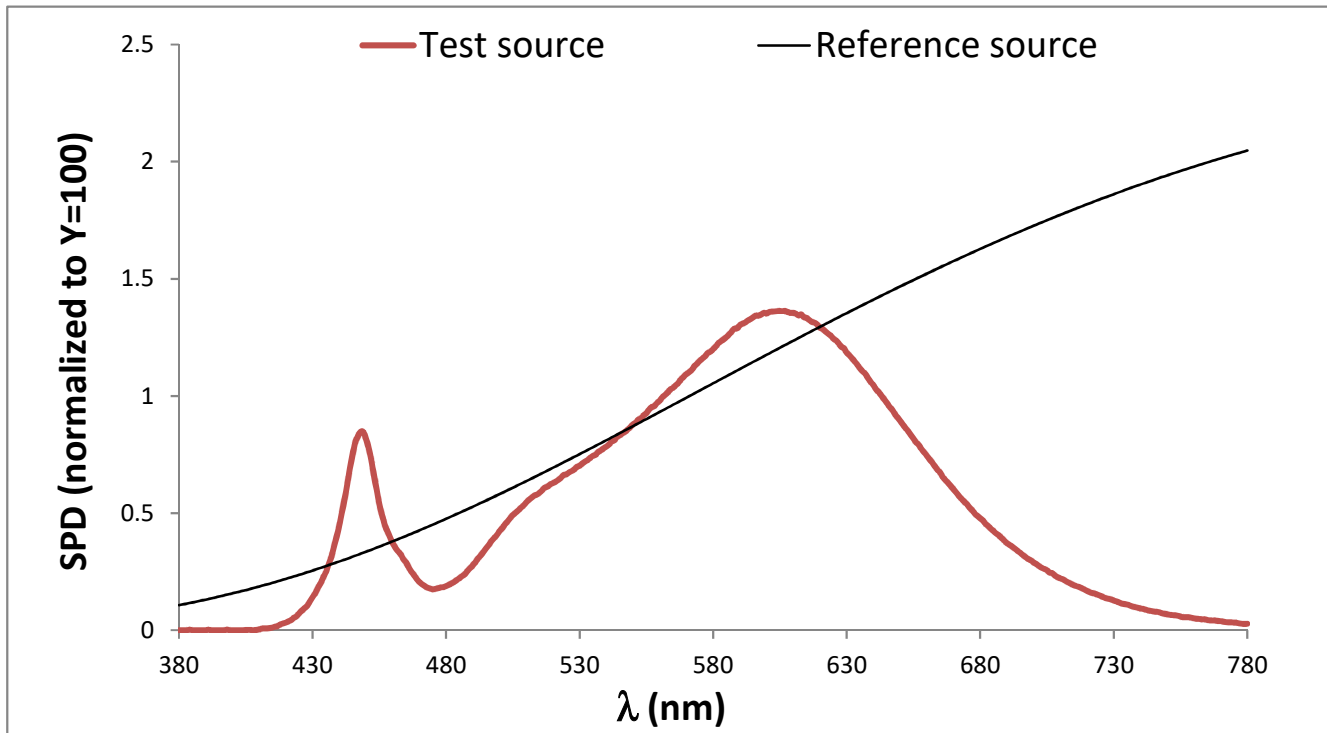
**TIVOLI, LCC
15602 MOSHER AVENUE
TUSTIN, CA 92780**

REPORT NUMBER	104384354LAX-001T
ISSUE DATE	July 9, 2020
REVISION DATE	None
STANDARD	IESNA TM-30 - 2015: IES Method for Evaluating Light Source Color Rendition
TEST METHODS	Results were generated using IES TM-30-15 Basic Calculation Tool V1.01 and mW/nm spectral distribution test data from LM-79 Integrated Sphere test in Intertek report number 104384354LAX-001.

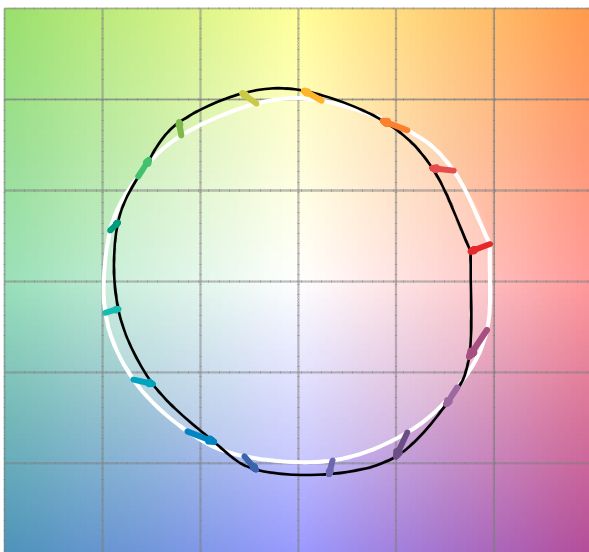
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TEST RESULTS

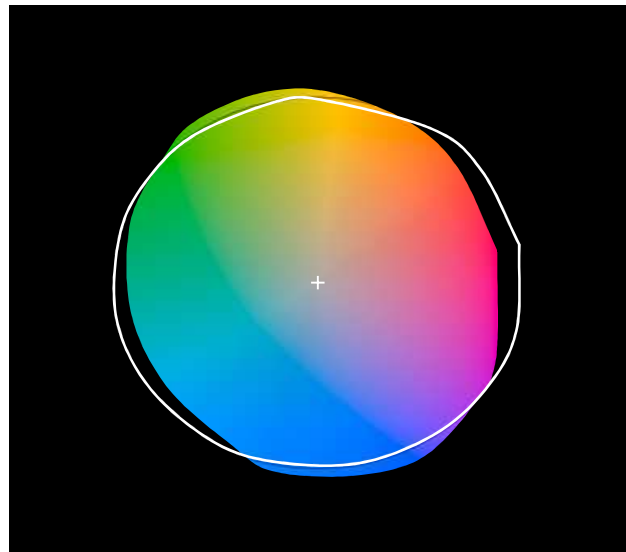
R_f	R_g	CCT (K)	D_{uv}	u'	v'
81	98	2967	-0.0005	0.2519	0.5213



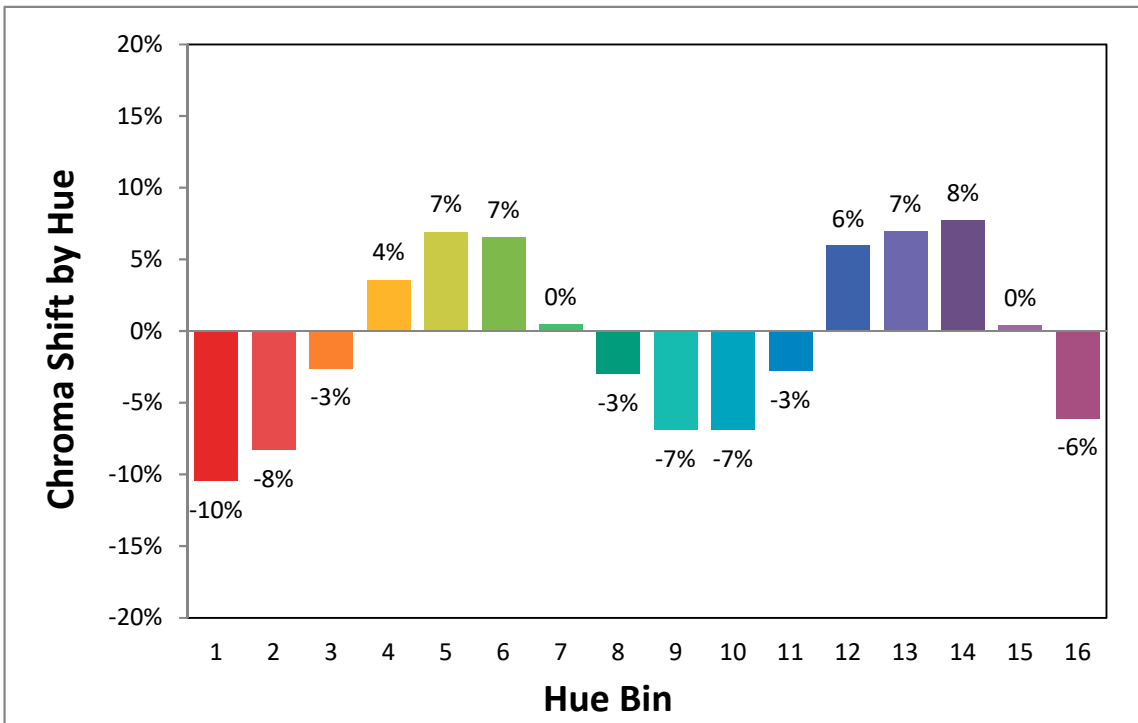
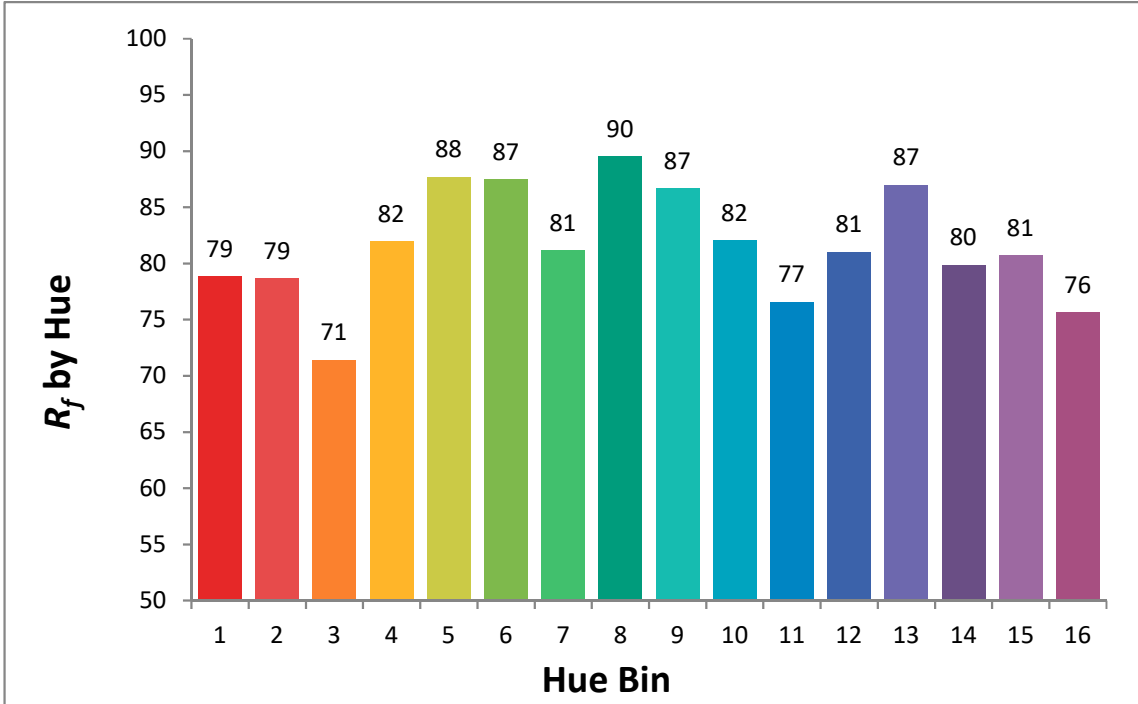
Color Vector Graphic



Color Distortion Graphic

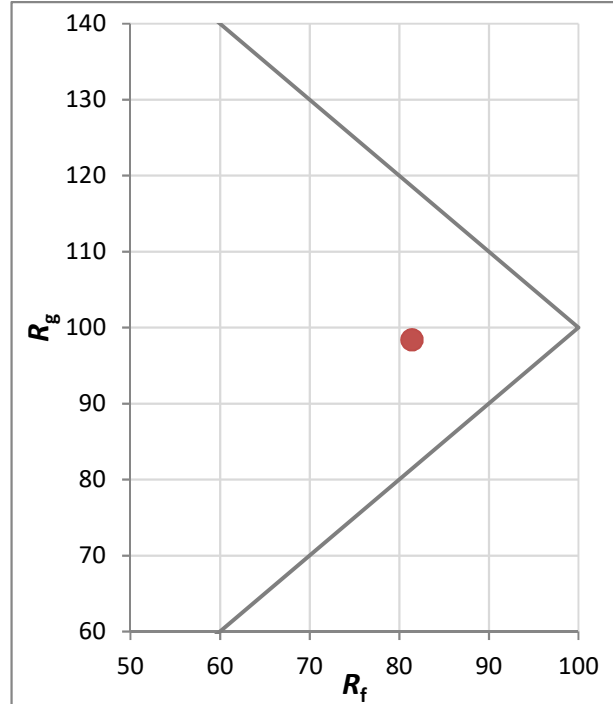


TEST RESULTS (cont'd)



TEST RESULTS (cont'd)

Hue Bin	R_f	Graphic Shifts (%)	
		Chroma	Hue
1	79	-10%	-2%
2	79	-8%	7%
3	71	-3%	13%
4	82	4%	10%
5	88	7%	6%
6	87	7%	-3%
7	81	0%	-11%
8	90	-3%	-5%
9	87	-7%	-1%
10	82	-7%	7%
11	77	-3%	14%
12	81	6%	7%
13	87	7%	-3%
14	80	8%	-12%
15	81	0%	-11%
16	76	-6%	-16%



END OF TEST RESULTS

CONCLUSION

The results tabulated in this report are representative of the actual test samples submitted for this report only. The data is provided to the client for further evaluation. Compliance to the referenced specification requirements was not determined in this report.

In Charge Of Tests:

Kellen Murakami
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 Lighting Division

Report Reviewed By:

Vladimir Kozak
 Engineering Supervisor
 Lighting Division

Attachments: LM-79 Report No. 104384354LAX-001

REVISION HISTORY

JOB NUMBER	DATE OF REVISION	PROJECT	REVIEWED BY	REVISION NOTE
None				