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Report No: L121911546TM30

Date: 1/20/2020



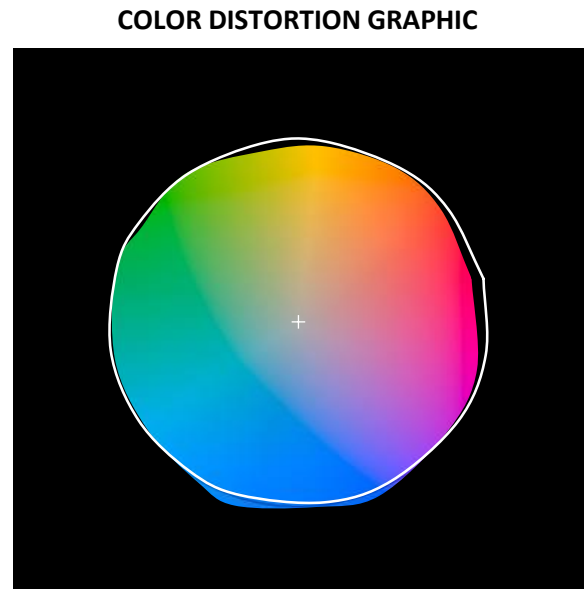
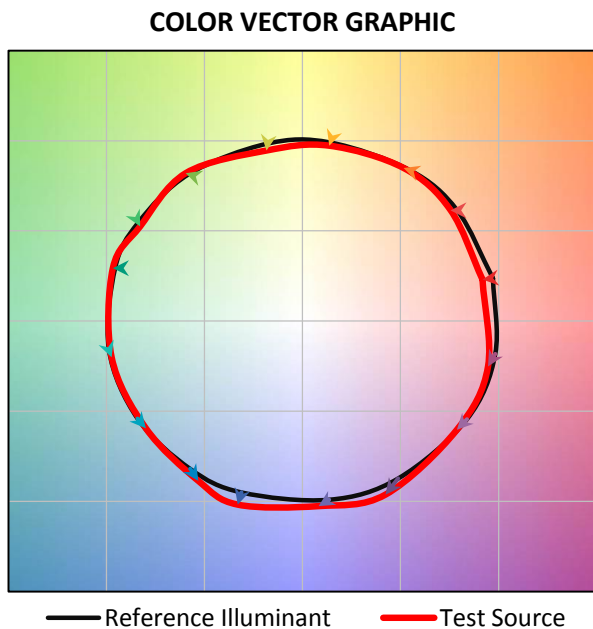
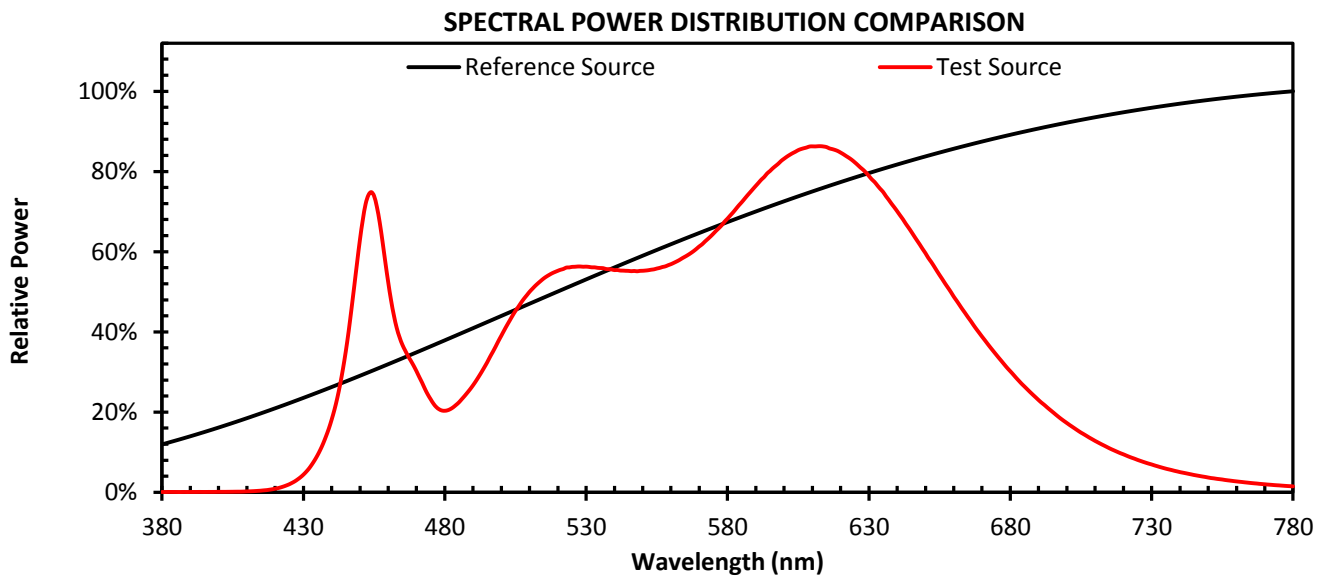
TM-30-15 REPORT

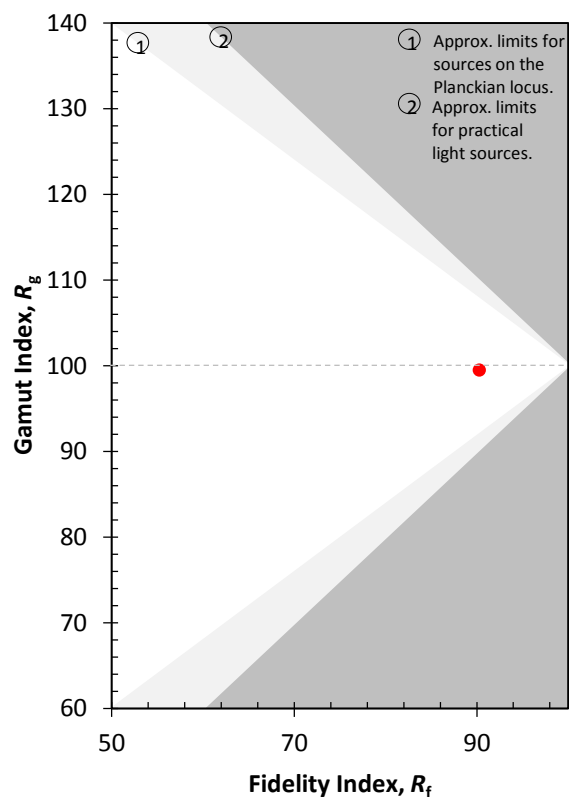
Report No:	L121911546TM30
Prepared For:	Vode Lighting 21684 8th Street East, Suite 700, Sonoma, CA 95476
Model Number:	707-Z3-48-Z-CC-SO-359-U1S1-AL
Testing Lab:	Light Laboratory Inc.
Reference report No:	L121911546
Remark:	This report is based on the data from Light Laboratory Inc. report L121911546

Results Summary

Metric	Result	Notes
R_f	90	IES TM-30-15 Fidelity Index
R_g	99	IES TM-30-15 Gamut Index
CIE R_a	94	CIE Test Color Method General Index
R_9	56	CIE Test Color Method Sample Nine Score
$R_{f,skin}$	94	Average of CES15 and CES18 (skin)
CCT	3397	Correlated Color Temperature
D_{uv}	-0.0011	Distance from the blackbody locus
x	0.4100	CIE 1931 chromaticity coordinate
y	0.3906	CIE 1931 chromaticity coordinate
u	0.2388	CIE 1960 chromaticity coordinate
v	0.3413	CIE 1960 chromaticity coordinate
u'	0.2388	CIE 1976 chromaticity coordinate
v'	0.5119	CIE 1976 chromaticity coordinate

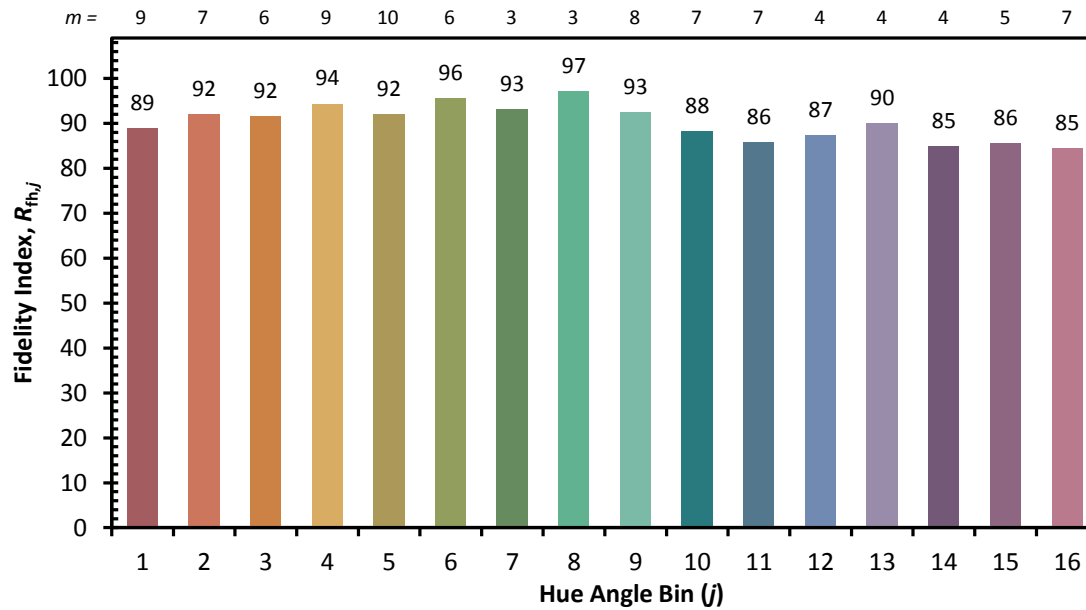
*All Results in accordance to IES TM-30-15: IES Method for Evaluating Light Source Color Rendition





Hue Bin	R_i	Graphic shifts (%)	
		Chroma	Hue
1	89	-5%	0%
2	92	-3%	2%
3	92	-1%	3%
4	94	-2%	0%
5	92	-4%	1%
6	96	1%	1%
7	93	-2%	1%
8	97	1%	1%
9	93	-1%	5%
10	88	-1%	7%
11	86	3%	7%
12	87	7%	-1%
13	90	2%	-6%
14	85	4%	-10%
15	86	-1%	-8%
16	85	-2%	-7%

Hue Angle Bin vs. Fidelity Index



Hue Angle Bin vs. Change of Chroma

