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Report No: L022010917TM30

Date: 2/28/2020



## ANSI/IES TM-30-18 Color Rendition Report

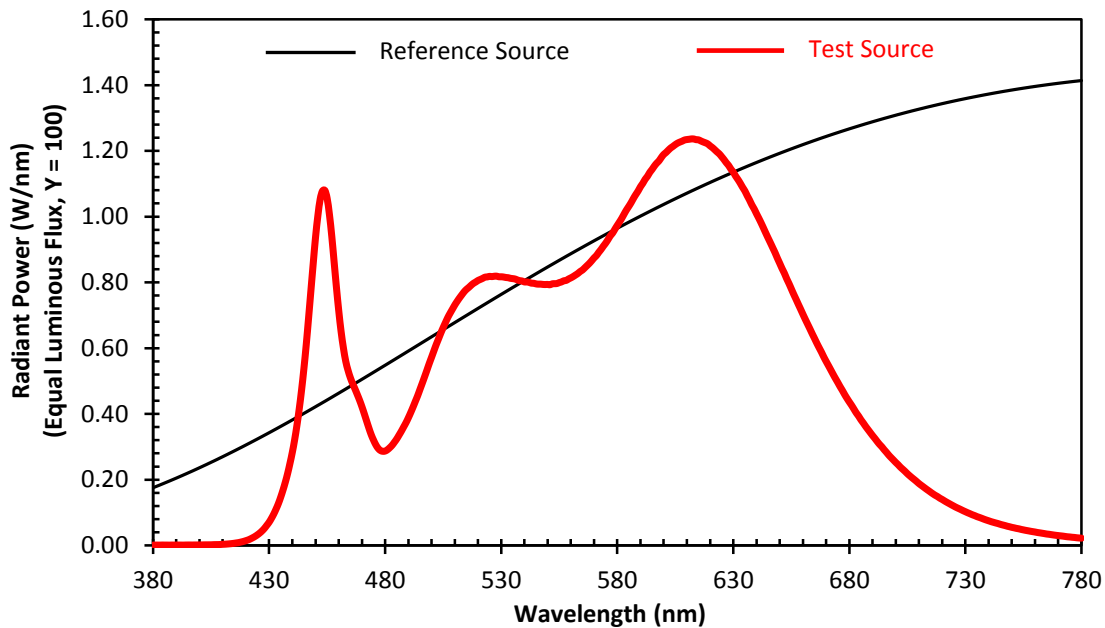
Report No:	L022010917TM30
Prepared For:	Vode Lighting 21684 8th Street East, Suite 700, Sonoma, CA 95476
Model Number:	707-Z3-48-Z-SO-359-U1A1-BL
Testing Lab:	Light Laboratory Inc.
Reference report No:	L022010917
Remark:	This report is based on the data from Light Laboratory Inc. report L022010917
Standard Used:	ANSI/IES TM-30-18: IES Method for Evaluating Light Source Color Rendition

### Results Summary

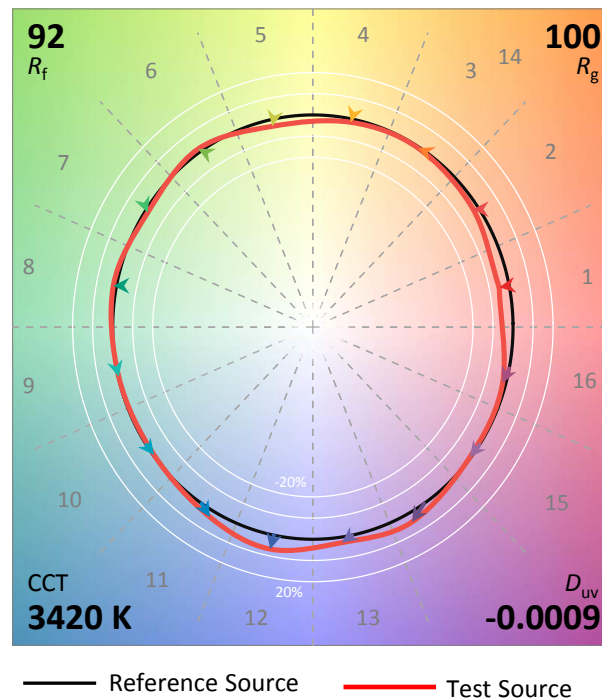
Metric	Result	Notes
$R_f$	92	IES TM-30-18 Fidelity Index
$R_g$	100	IES TM-30-18 Gamut Index
$R_a$	95	CIE 13.3-1995(CRI)
$R_9$	58.00	CIE Test Color Method Sample Nine Score
CCT	3420	Correlated Color Temperature
$D_{uv}$	-0.0009	Distance from the blackbody locus
$x$	0.4089	CIE 1931 chromaticity coordinate
$y$	0.3904	CIE 1931 chromaticity coordinate
$u'$	0.2382	CIE 1976 chromaticity coordinate
$v'$	0.5117	CIE 1976 chromaticity coordinate

\*All Results in accordance to IES TM-30-18: IES Method for Evaluating Light Source Color Rendition

### SPECTRAL POWER DISTRIBUTION COMPARISON

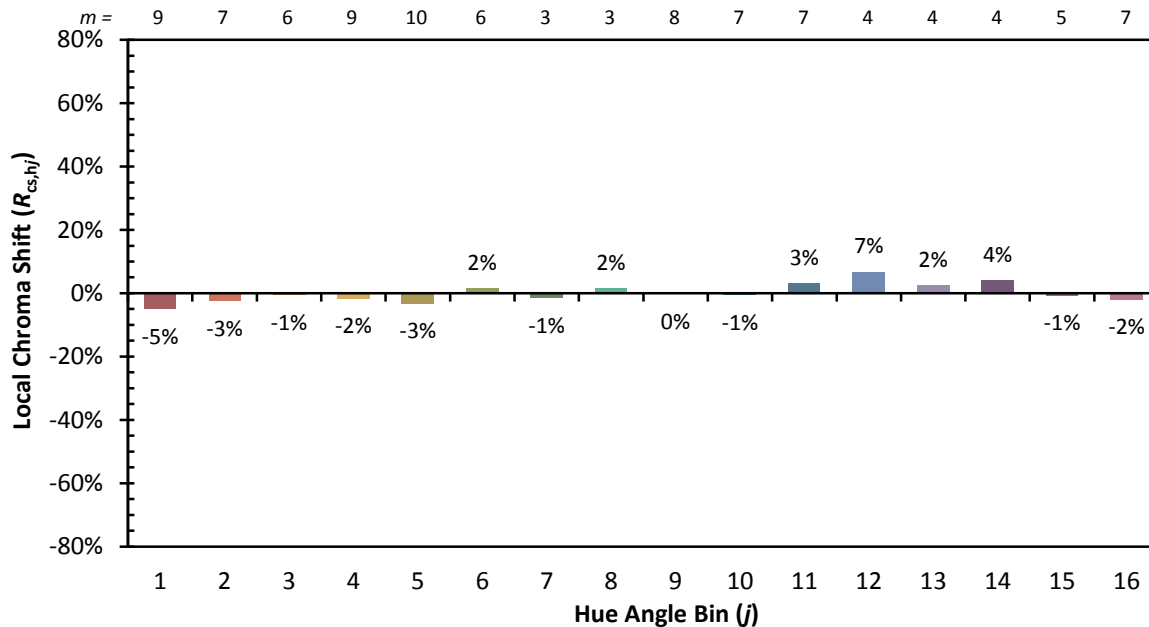


### COLOR VECTOR GRAPHIC(CVG)

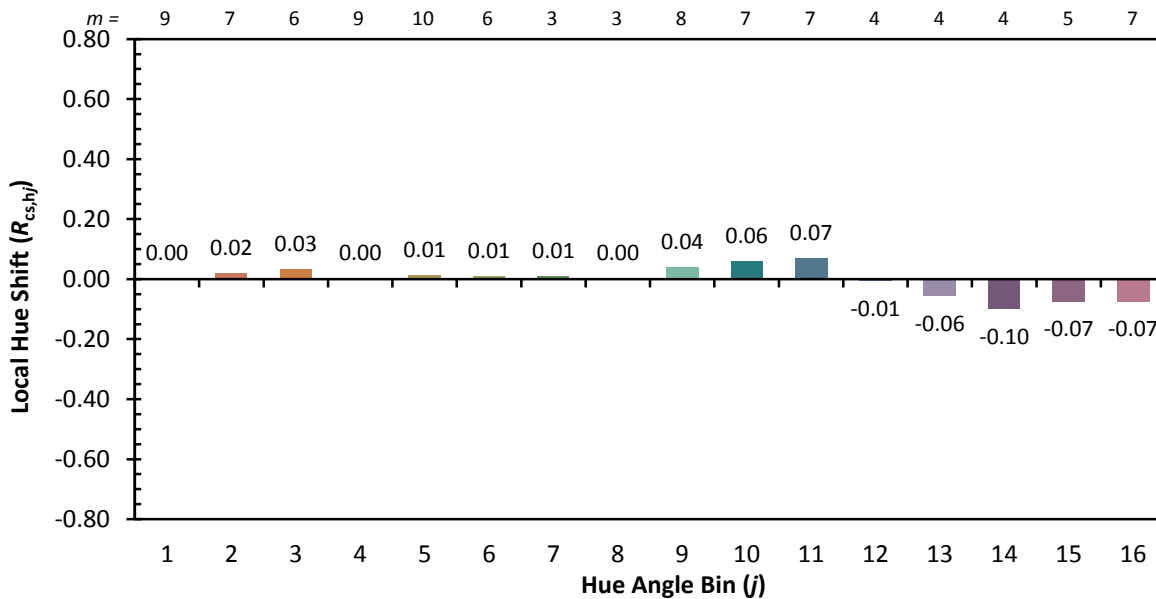


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### Hue Angle Bin (j) vs. Local Chroma Shift ( $R_{cs,hj}$ )



### Hue Angle Bin (j) vs. Local Hue Shift ( $R_{hs,hj}$ )

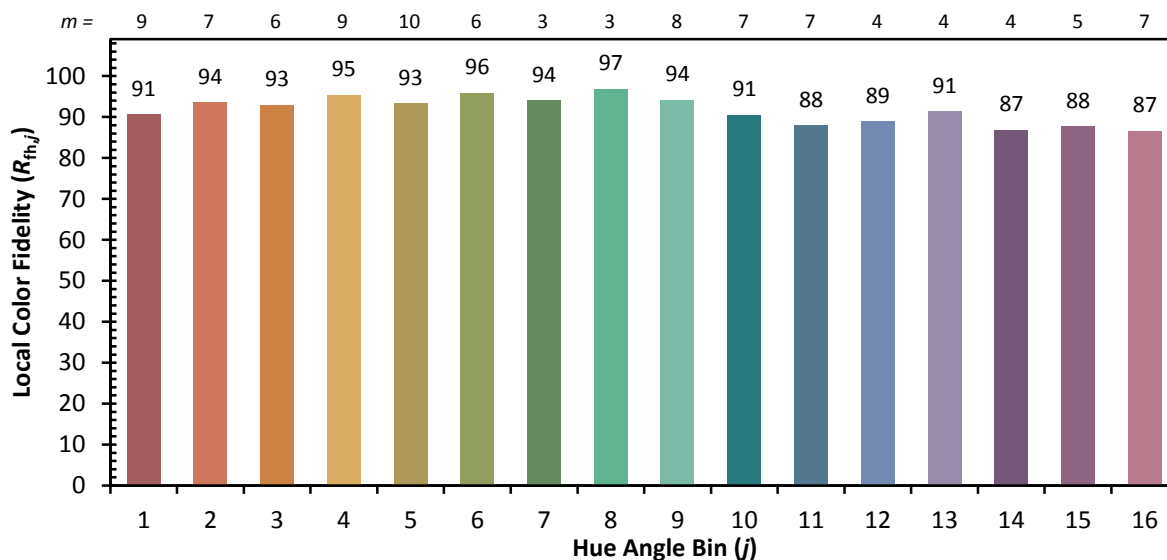


Note:

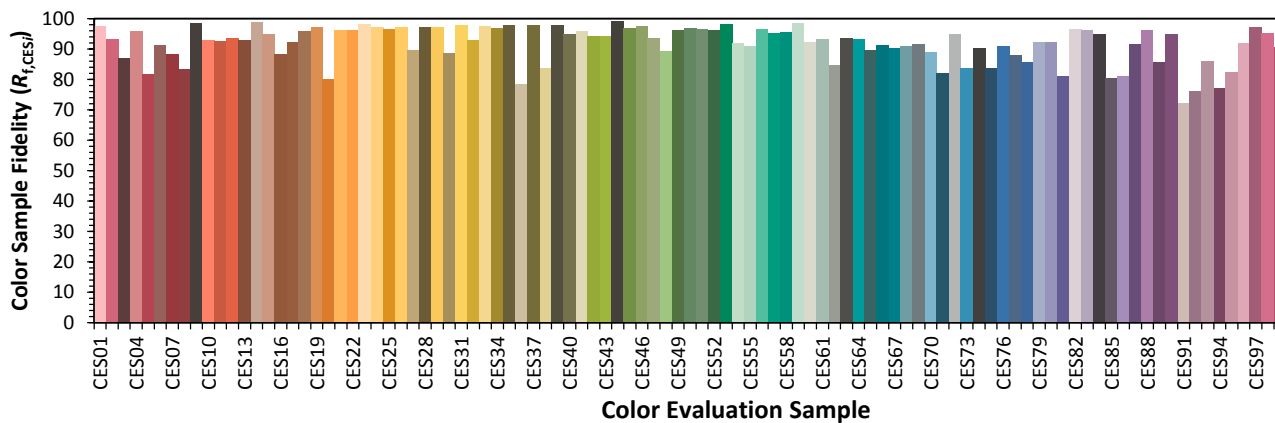
Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.

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**Hue Angle Bin (j) vs. Local Color Fidelity ( $R_{f,hj}$ )**



**Color Sample Fidelity ( $R_{f,CESi}$ )**



Note:

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