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Report No: L051809303TM30

Date: 6/1/2018



## TM-30-15 REPORT

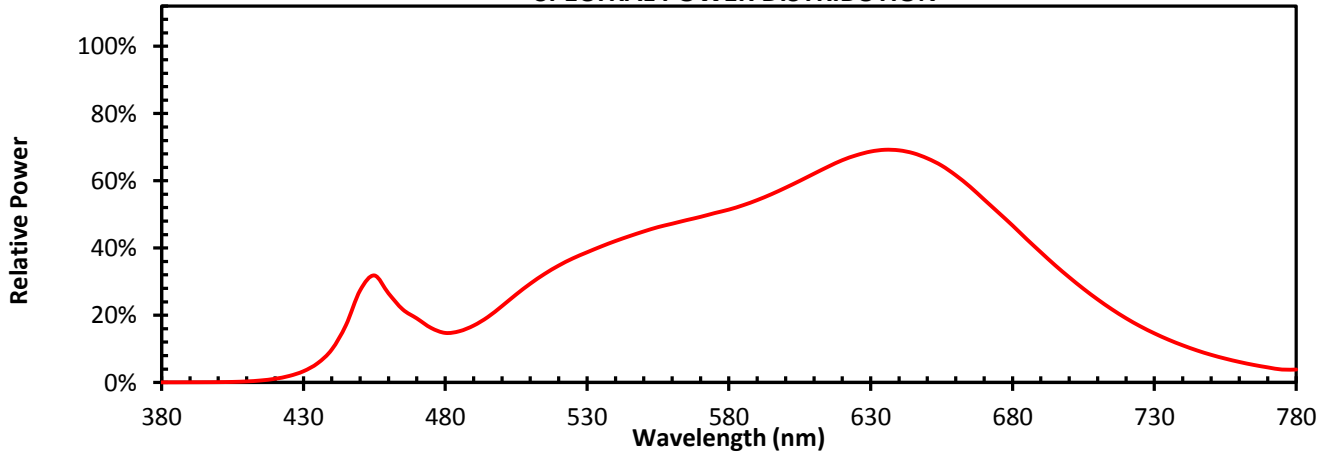
<b>Report No:</b>	L051809303TM30
<b>Prepared For:</b>	Tivoli LLC 15602 Mosher Ave. Tustin CA 92780
<b>Model Number:</b>	TPLE-VHO-I-30-24
<b>Testing Lab:</b>	Light Laboratory Inc.
<b>Reference report No:</b>	L051806603
<b>Remark:</b>	This report is based on the data from Light Laboratory Inc. report L051806603

### Results Summary

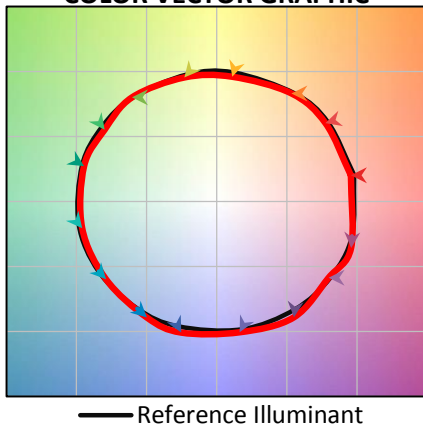
Metric	Result	Notes
$R_f$	<b>92</b>	IES TM-30-15 Fidelity Index
$R_g$	<b>99</b>	IES TM-30-15 Gamut Index
CIE $R_a$	<b>95</b>	CIE Test Color Method General Index
$R_9$	<b>82</b>	CIE Test Color Method Sample Nine Score
$R_{f,skin}$	<b>95</b>	Average of CES15 and CES18 (skin)
CCT	<b>2977</b>	Correlated Color Temperature
$D_{uv}$	<b>0.0020</b>	Distance from the blackbody locus
$x$	<b>0.4415</b>	CIE 1931 chromaticity coordinate
$y$	<b>0.4107</b>	CIE 1931 chromaticity coordinate
$u$	<b>0.2507</b>	CIE 1960 chromaticity coordinate
$v$	<b>0.3498</b>	CIE 1960 chromaticity coordinate
$u'$	<b>0.2507</b>	CIE 1976 chromaticity coordinate
$v'$	<b>0.5246</b>	CIE 1976 chromaticity coordinate

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

**SPECTRAL POWER DISTRIBUTION**

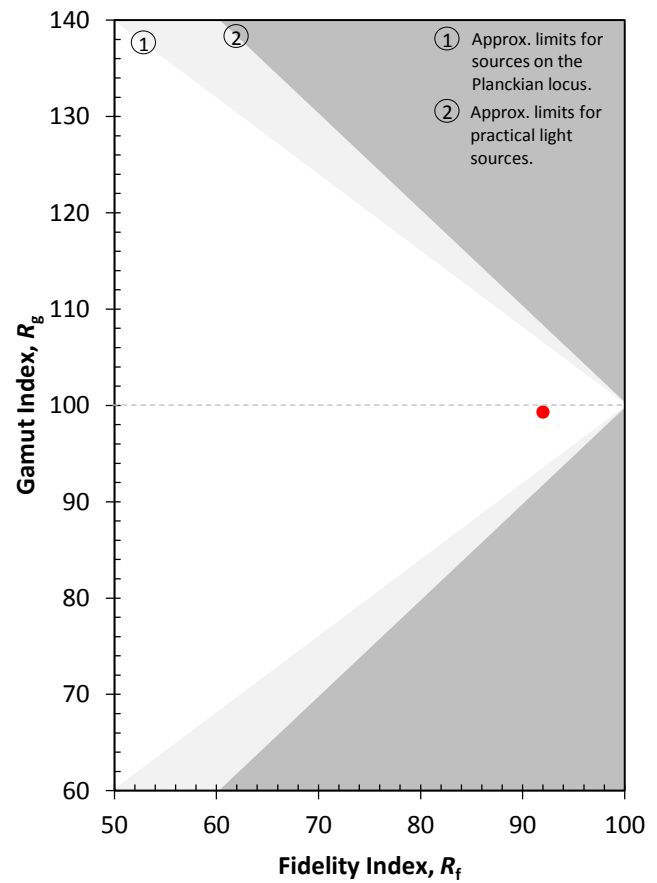
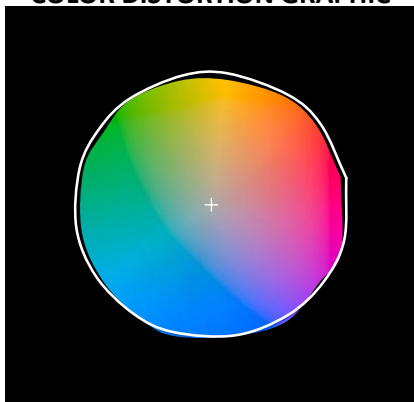


**COLOR VECTOR GRAPHIC**



— Reference Illuminant

**COLOR DISTORTION GRAPHIC**



This plot shows a comparison of the  $R_f$  and  $R_g$  values relative to the range of possible values .