BUYER BEWARE!
All projectors are NOT created equal.

INSIST on High Color Brightness in every projector you buy.

Projector Buyer's Guide to Color Brightness by Model

Projector buyers should proceed with caution.

Derived when presentations consisted of a black font on a white background, the old lumens metric only measures white light. Lumens, or brightness, tells the projector buyer little about the brightness of colors in photos, videos or graphics.

Fortunately, a newer metric gives projector buyers a measurement for the brightness of colors. Color Light Output, or more simply Color Brightness, quantifies the brightness of Red, Green and Blue; the primary colors of light.

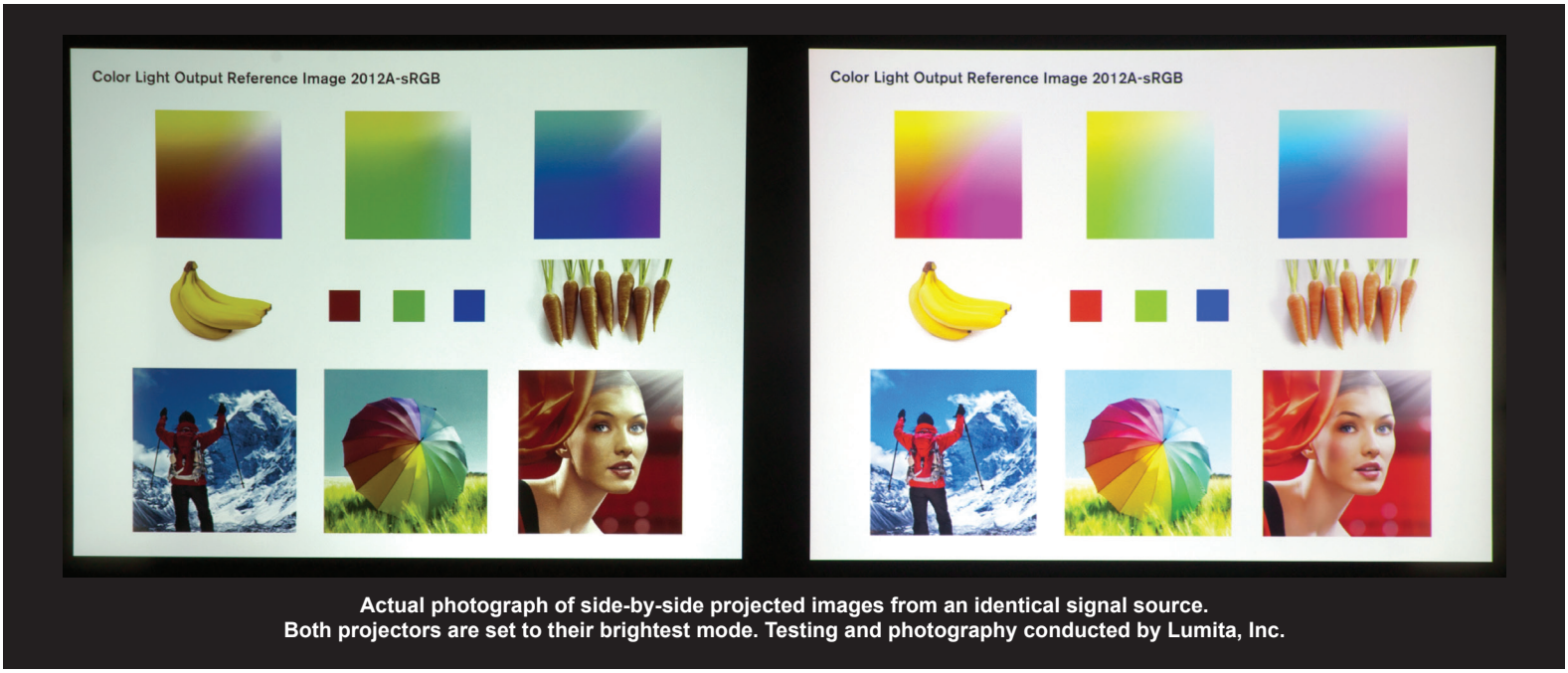
The photograph below shows two projectors setup side-by-side, set in their brightest mode. Both offer similar resolution, price and white brightness levels.

The projector on the left exhibits low Color Brightness; only a fraction of its white brightness. The one on the right shows equal amounts of Color and White Brightness. Colors on the right are much brighter, providing more impact.

This document starts with a listing of projectors where the manufacturer specifies both White and Color Brightness. Second is a table containing projectors measured for their Color Brightness level by a 3rd party laboratory because the manufacturer did not specify the color brightness.

Insist on brighter colors. When selecting a projector, consider both the brightness of White as well as the brightness of Color.

Low Color Brightness | **High Color Brightness**



Actual photograph of side-by-side projected images from an identical signal source.
Both projectors are set to their brightest mode. Testing and photography conducted by Lumita, Inc.

Table 1: Models with Manufacturer Specification for Color Brightness

Many manufacturers provide specifications for both White Light Output (White Brightness) and Color Light Output (Color Brightness). Manufacturers publish specifications on product performance and are responsible for their legitimacy and reliability. See manufacturer's websites or contact the manufacturer for details.

	White Brightness	Color Brightness
Dukane		
ImagePro 8104	2500	2500
ImagePro 8107	2500	2500
ImagePro 8112	3000	3000
ImagePro 8755	2400	2400
ImagePro 8928	2700	2700
ImagePro 8930	3200	3200
ImagePro 8931	3000	3000
ImagePro 8932	3200	3200
ImagePro 8933	3000	3000
ImagePro 8957	4000	4000
ImagePro 8958	4000	4000
ImagePro 8959	5000	5000
ImagePro 8970	5000	5000
ImagePro 8971	6000	6000
ImagePro 8972	4000	4000
ImagePro 8973	5500	5500
ImagePro 8974	4200	4200
ImagePro 8975	5000	5000
ImagePro 8977	7000	7000
ImagePro 8979	6000	6000
Epson		
BrightLink 436Wi	3000	3000
BrightLink 450Wi	2500	2500
BrightLink 475Wi	2600	2600
BrightLink 485Wi	3100	3100
BrightLink 536Wi	3400	3400
BrightLink 575Wi	2700	2700
BrightLink 585Wi	3300	3300
BrightLink 595Wi	3300	3300
BrightLink 685Wi	3500	3500
BrightLink 695Wi	3500	3500
BrightLink 696Ui	3800	3800
BrightLink 697Ui	4400	4400
BrightLink 710Ui	4000	4000
BrightLink 760Wi	4100	4100
BrightLink 770Fi	4100	4100
BrightLink 1480Fi	5000	5000
BrightLink 1480Fi+	5000	5000
BrightLink 1485Fi	5000	5000
BrightLink 1485Fi+	5000	5000
BrightLink Pro 1410Wi	3100	3100
BrightLink Pro 1420Wi	3300	3300
BrightLink Pro 1430Wi	3300	3300
BrightLink Pro 1450Ui	3800	3800
BrightLink Pro 1460Ui	4400	4400
BrightLink Pro 1470Ui	4000	4000
CO-FH01	3000	3000
CO-FH02	3000	3000
CO-W01	3000	3000
EF-11	1000	1000
EF-12	1000	1000
EF-21	1000	1000
EF-22	1000	1000
EF-61	700	700
EF-62	700	700
EF-71	700	700
EF-72	1000	1000
EF-100	2000	2000
EF-100W/B	2000	2000
EX3212	2800	2800
EX3220	3000	3000
EX3240	3200	3200
EX3260	3300	3300
EX3280	3600	3600
EX5210	2800	2800
EX5220	3000	3000
EX5230	3500	3500
EX5240	3200	3200
EX5250	3600	3600
EX5260	3600	3600
EX5280	3800	3800
EX6210	2700	2700
EX6220	3000	3000
EX7210	2800	2800
EX7220	3000	3000
EX7230	3000	3000
EX7235	3000	3000
EX7240	3200	3200
EX7260	3600	3600
EX7280	4000	4000
EX9200	3200	3200
EX9210	3400	3400
EX9220	3600	3600
EX9230	3500	3500
EX9240	4000	4000
EX10000	4500	4500
EX11000	4600	4600
EV-100	2000	2000
EV-105	2000	2000
EV-110	2200	2200
EV-115	2200	2200
HC 1080	3400	3400
HC 2200	2700	2700
HC 2250	2700	2700
HC 2350	2800	2800
HC 3200	3000	3000
HC 3800	3000	3000
HC 3810	3000	3000
HC 4010	2400	2400
HC 5040B	2600	2600
HC 5050UB	2600	2600
LS300	3600	3600
LS500	4000	4000
LS9000	2200	2200
LS11000	2500	2500
LS12000	2700	2700
MegaPlex MG-850HD	2800	2800
MovieMate 85HD	2500	2500
PC 4040	2200	2200
PC 4050	2400	2400
PC 6040UB	2500	2500
PC 6050UB	2600	2600
PC LS10500	1500	1500
PowerLite 107	3500	3500
PowerLite 108	3700	3700
PowerLite 109W	4000	4000
PowerLite 118	3800	3800
PowerLite 119W	4000	4000
PowerLite 1221	2800	2800
PowerLite 1222	3000	3000
PowerLite 1224	3200	3200
PowerLite 1261W	2800	2800
PowerLite 1262W	3000	3000
PowerLite 1263W	3000	3000
PowerLite 1264	3200	3200
PowerLite 1266	3600	3600
PowerLite 1284	3200	3200
PowerLite 1286	3600	3600
PowerLite 1288	4000	4000
PowerLite 1751	2600	2600
PowerLite 1761W	2600	2600
PowerLite 1770W	3000	3000
PowerLite 1771W	3000	3000
PowerLite 1776W	3000	3000
PowerLite 1780W	3000	3000
PowerLite 1781W	3200	3200
PowerLite 1785W	3200	3200
PowerLite 1795F	3200	3200
PowerLite 1835	3500	3500
PowerLite 1850W	3700	3700
PowerLite 1880	4000	4000
PowerLite 1925W	4000	4000
PowerLite 1930	4200	4200
PowerLite 1940W	4200	4200
PowerLite 1945W	4200	4200
PowerLite 1950	4500	4500
PowerLite 1955	4500	4500
PowerLite 1960	5000	5000
PowerLite 1965	5000	5000
PowerLite 1975W	5000	5000
PowerLite 1980WU	4400	4400
PowerLite 1985WU	4800	4800

Table 1: Continued

	White Brightness	Color Brightness
Epson (Continued)		
PowerLite 2040	4200	4200
PowerLite 2042	4400	4400
PowerLite 2065	5500	5500
PowerLite 2140W	4200	4200
PowerLite 2142W	4200	4200
PowerLite 2155W	5000	5000
PowerLite 2165W	5500	5500
PowerLite 2245U	4200	4200
PowerLite 2247U	4200	4200
PowerLite 2250U	5000	5000
PowerLite 2255U	5000	5000
PowerLite 2265U	5500	5500
PowerLite 4100	4500	4500
PowerLite 420	2500	2500
PowerLite 4200W	4500	4500
PowerLite 425W	2500	2500
PowerLite 430	3000	3000
PowerLite 4300	5200	5200
PowerLite 435W	3000	3000
PowerLite 4650	5200	5200
PowerLite 470	2600	2600
PowerLite 475W	2600	2600
PowerLite 4750W	4200	4200
PowerLite 4770W	5000	5000
PowerLite 480	3000	3000
PowerLite 485W	3100	3100
PowerLite 4855WU	4000	4000
PowerLite 520	2700	2700
PowerLite 525W	2800	2800
PowerLite 530	3200	3200
PowerLite 535W	3400	3400
PowerLite 5510	5500	5500
PowerLite 5520W	5500	5500
PowerLite 5530U	5500	5500
PowerLite 5535U	5500	5500
PowerLite 570	2700	2700
PowerLite 575W	2700	2700
PowerLite 580	3200	3200
PowerLite 585W	3300	3300
PowerLite 675W	3200	3200
PowerLite 680	3500	3500
PowerLite 685W	3500	3500
PowerLite 700U	4000	4000
PowerLite 905	3000	3000
PowerLite 915W	3200	3200
PowerLite 93+	2600	2600
PowerLite 935W	3700	3700
PowerLite 95	2600	2600
PowerLite 955WH	3200	3200
PowerLite 965	3500	3500
PowerLite 965H	3500	3500
PowerLite 96W	2700	2700
PowerLite 97	2700	2700
PowerLite 97H	2700	2700
PowerLite 970	4000	4000
PowerLite 975W	3600	3600
PowerLite 98	2700	2700
PowerLite 98H	3000	3000
PowerLite 980W	3800	3800
PowerLite 982W	4200	4200
PowerLite 99W	3000	3000
PowerLite 99WH	3000	3000
PowerLite 990U	3800	3800
PowerLite 992F	4000	4000
PowerLite D6150	3500	3500
PowerLite D6155W	3500	3500
PowerLite D6250	4000	4000
PowerLite E20	3400	3400
PowerLite FH52+	4000	4000
PowerLite L400U	4500	4500
PowerLite L500W	5000	5000
PowerLite L510U	5000	5000
PowerLite L520U	5200	5200
PowerLite L520W	5200	5200
PowerLite L530U	5200	5200
PowerLite L610	6000	6000
PowerLite L610U	6000	6000
PowerLite L610W	6000	6000
PowerLite L615U	6000	6000
PowerLite L630SU	6000	6000
PowerLite L630U	6200	6200
PowerLite L635SU	6000	6000
PowerLite L730U	7000	7000
PowerLite L735U	7000	7000
PowerLite S11	2600	2600
PowerLite S17	2700	2700
PowerLite S27	2700	2700
PowerLite S39	3300	3300
PowerLite W06+	3700	3700
PowerLite W16	3000	3000
PowerLite W16SK	6000	6000
PowerLite W17	2800	2800
PowerLite W29	3000	3000
PowerLite W39	3500	3500
PowerLite W49	3800	3800
PowerLite W52+	4000	4000
PowerLite W70	2000	2000
PowerLite W75	2000	2000
PowerLite X06+	3600	3600
PowerLite X12	2800	2800
PowerLite X15	3000	3000
PowerLite X17	2700	2700
PowerLite X27	2700	2700
PowerLite X39	3500	3500
PowerLite X49	3600	3600
PowerLite X51+	3800	3800
PL-210W	4500	4500
PL-760W	4100	4100
PL-770F	4100	4100
PL-775F	4100	4100
PL-810E	5000	5000
PL-815E	5000	5000
PL-L210SF	4000	4000
PL-L210SW	4000	4000
PL-L260F	4600	4600
PL-L265F	4600	4600
PL-L570U	5200	5200
PL HC 1040	3000	3000
PL HC 1060	3200	3200
PL HC 1440	4400	4400
PL HC 1450	4200	4200
PL HC 2000	1800	1800
PL HC 2030	2000	2000
PL HC 2040	2200	2200
PL HC 2045	2200	2200
PL HC 2100	2500	2500
PL HC 2150	2500	2500
PL HC 3000	2300	2300
PL HC 3010e	2200	2200
PL HC 3020	2300	2300
PL HC 3020e	2300	2300
PL HC 3100	2600	2600
PL HC 3500	2500	2500
PL HC 3600e	2500	2500
PL HC 3700	3000	3000
PL HC 3900	2700	2700
PL HC 4000	2200	2200
PL HC 500	2600	2600
PL HC 5010	2400	2400
PL HC 5020UB	2400	2400
PL HC 5020UBe	2400	2400
PL HC 5030UB	2400	2400
PL HC 5030UBe	2400	2400
PL HC 5040UB	2500	2500
PL HC 5040UBe	2500	2500
PL HC 640	3200	3200
PL HC 660	3300	3300
PL HC 707	2700	2700
PL HC 710HD	2800	2800
PL HC 725HD	2800	2800
PL HC 730HD	3000	3000
PL HC 740HD	3000	3000
PL HC 750HD	3000	3000
PL HC 760HD	3300	3300
PL HC 8345	1800	1800
PL HC 8350	2000	2000
PL HC LS100	4000	4000
PL Presenter	2500	2500

Table 1: Continued

Epson (Continued)	White Brightness	Color Brightness
PL Pro C4030	2000	2000
PL Pro C6020UB	2400	2400
PL Pro C6030UB	2400	2400
PL Pro C9350	2000	2000
PL Pro G5450WU	4000	4000
PL Pro G5550	4500	4500
PL Pro G5650W	4500	4500
PL Pro G6050W	5500	5500
PL Pro G6070W	5500	5500
PL Pro G6150	6500	6500
PL Pro G6170	6500	6500
PL Pro G6270W	6500	6500
PL Pro G6450WU	4500	4500
PL Pro G6470WU	4500	4500
PL Pro G6550WU	5200	5200
PL Pro G6570WU	5200	5200
PL Pro G6750WU	6000	6000
PL Pro G6770WU	6000	6000
PL Pro G6800	7000	7000
PL Pro G6870	7000	7000
PL Pro G6900WU	6000	6000
PL Pro G6970WU	6000	6000
PL Pro G7000W	6500	6500
PL Pro G7100	6500	6500
PL Pro G7200W	7500	7500
PL Pro G7400U	5500	5500
PL Pro G7500U	6500	6500
PL Pro G7805	8000	8000
PL Pro G7900U	7000	7000
PL Pro G7905U	7000	7000
PL Pro L1100U	6000	6000
PL Pro L1200U	7000	7000
PL Pro L1300U	8000	8000
PL Pro L1405U	8000	8000
PL Pro L1500U	12000	12000
PL Pro L1505U	12000	12000
PL Pro L1715S	15000	15000
PL Pro L1750U	15000	15000
PL Pro L1755U	15000	15000
PL Pro L25000U	25000	25000
PL Pro Z8000WUNL	6000	6000
PL Pro Z8050WNL	7000	7000
PL Pro Z8150NL	8000	8000
PL Pro Z8250NL	10000	10000
PL Pro Z8255NL	10000	10000
PL Pro Z8350WNL	8500	8500
PL Pro Z8450WUNL	7000	7000
PL Pro Z8455WUNL	7000	7000
PL Pro Z9750UNL	7500	7500
PL Pro Z9800WNL	8300	8300
PL Pro Z9870NL	8700	8700
PL Pro Z9870UNL	8700	8700
PL Pro Z9900WNL	9200	9200
PL Pro Z10000UNL	10000	10000
PL Pro Z10005UNL	10000	10000
PL Pro Z11000WNL	11000	11000
PL Pro Z11005NL	11000	11000
Pro L1060U	6000	6000
Pro L1060W	6000	6000
Pro L1070U	7000	7000
Pro L1070W	7000	7000
Pro L1075U	7000	7000
Pro L12000Q	12000	12000
Pro L12002Q	12000	12000
Pro L1490U	9000	9000
Pro L1495U	9000	9000
Pro L20000U	15000	15000
Pro L20002U	15000	15000
QB1000	3300	3300
QL3000	6000	6000
QL7000	10000	10000
VS210	2600	2600
VS220	2700	2700
VS230	2800	2800
VS240	3000	3000
VS250	3200	3200
VS260	3300	3300
VS315W	2600	2600
VS320	2700	2700
VS330	2700	2700
VS335W	2700	2700
VS340	2800	2800
VS345	3000	3000
VS350	3300	3300
VS350W	3700	3700
VS355	3300	3300
VS410	4000	4000
EB-107	3500	3500
EB-108	3700	3700
EB-109W	4000	4000
EB-1420Wi	3300	3300
EB-1430Wi	3300	3300
EB-1440Ui	3800	3800
EB-1450Ui	3800	3800
EB-1460Ui	4400	4400
EB-1470Ui	4000	4000
EB-1480Fi	5000	5000
EB-1485Fi	5000	5000
EB-1751	2600	2600
EB-1761W	2600	2600
EB-1771W	3000	3000
EB-1776W	3000	3000
EB-1780W	3000	3000
EB-1781W	3200	3200
EB-1785W	3200	3200
EB-1795F	3200	3200
EB-1930	4200	4200
EB-1935	4200	4200
EB-1940W	4200	4200
EB-1945W	4200	4200
EB-1950	4500	4500
EB-1955	4500	4500
EB-1960	5000	5000
EB-1965	5000	5000
EB-1970W	5000	5000
EB-1975W	5000	5000
EB-1980WU	4400	4400
EB-1985WU	4800	4800
EB-2040	4200	4200
EB-2042	4400	4400
EB-2055	5000	5000
EB-2065	5500	5500
EB-2140W	4200	4200
EB-2142W	4200	4200
EB-2155W	5000	5000
EB-2165W	5500	5500
EB-2245U	4200	4200
EB-2247U	4200	4200
EB-2250U	5000	5000
EB-2255U	5000	5000
EB-2265U	5500	5500
EB-4550	4500	4500
EB-4650	5200	5200
EB-4750W	4200	4200
EB-4770W	5000	5000
EB-4850WU	4000	4000
EB-4950WU	4500	4500
EB-520	2700	2700
EB-525W	2800	2800
EB-530	3200	3200
EB-535W	3400	3400
EB-536Wi	3400	3400
EB-536WT	3400	3400
EB-5510	5500	5500
EB-5520W	5500	5500
EB-5530U	5500	5500
EB-570	2700	2700
EB-575Wi	2700	2700
EB-580	3200	3200
EB-585W	3300	3300
EB-585Wi	3300	3300
EB-590WT	3300	3300
EB-595Wi	3300	3300
EB-670	3100	3100
EB-675Wi	3200	3200
EB-680	3500	3500
EB-680Wi	3500	3500
EB-685W	3500	3500

Table 1: Continued

	White Brightness	Color Brightness
Epson (Continued)		
EB-685Wi	3500	3500
EB-695Wi	3500	3500
EB-696Ui	3800	3800
EB-700U	4000	4000
EB-710Ui	4000	4000
EB-720	3800	3800
EB-725W	4000	4000
EB-725Wi	4000	4000
EB-735F	3600	3600
EB-735Fi	3600	3600
EB-750F	3600	3600
EB-755F	3600	3600
EB-760W	4100	4100
EB-760Wi	4100	4100
EB-770F	4100	4100
EB-770Fi	4100	4100
EB-775F	4100	4100
EB-800F	5000	5000
EB-805F	5000	5000
EB-810E	5000	5000
EB-815E	5000	5000
EB-935W	3700	3700
EB-940H	3000	3000
EB-945	3000	3000
EB-945F	4100	4100
EB-945H	3000	3000
EB-950WH	3000	3000
EB-950WHV	3000	3000
EB-955W	3000	3000
EB-955WH	3200	3200
EB-965	3500	3500
EB-965H	3500	3500
EB-97H	2700	2700
EB-970	4000	4000
EB-972	4100	4100
EB-98	3000	3000
EB-98H	3000	3000
EB-980W	3800	3800
EB-982W	4200	4200
EB-99WH	3000	3000
EB-990U	3800	3800
EB-992F	4000	4000
EB-994F	4100	4100
EB-D6150	3500	3500
EB-D6155W	3500	3500
EB-D6250	4000	4000
EB-E01	3300	3300
EB-E10	3600	3600
EB-E12	3600	3600
EB-E20	3400	3400
EB-E24	3600	3600
EB-FH06	3500	3500
EB-FH08	3600	3600
EB-FH18	4100	4100
EB-FH52	4000	4000
EB-FH54	4100	4100
EB-G6050W	5500	5500
EB-G6070W	5500	5500
EB-G6150	6500	6500
EB-G6170	6500	6500
EB-G6250W	6500	6500
EB-G6270W	6500	6500
EB-G6350	7000	7000
EB-G6370	7000	7000
EB-G6450WU	4500	4500
EB-G6470WU	4500	4500
EB-G6550WU	5200	5200
EB-G6570WU	5200	5200
EB-G6650WU	6000	6000
EB-G6750WU	6000	6000
EB-G6770WU	6000	6000
EB-G6800	7000	7000
EB-G6870	7000	7000
EB-G6900WU	6000	6000
EB-G6970WU	6000	6000
EB-G7000W	6500	6500
EB-G7100	6500	6500
EB-G7200W	7500	7500
EB-G7400U	5500	5500
EB-G7500U	6500	6500
EB-G7800	8000	8000
EB-G7805	8000	8000
EB-G7900	7000	7000
EB-G7900U	7000	7000
EB-G7905U	7000	7000
EB-L1050U	5500	5500
EB-L1060U	6000	6000
EB-L1060W	6000	6000
EB-L1065U	6000	6000
EB-L1070U	7000	7000
EB-L1070W	7000	7000
EB-L1075U	7000	7000
EB-L1100U	6000	6000
EB-L1105U	6000	6000
EB-L12000Q	12000	12000
EB-L1200U	7000	7000
EB-L1300U	8000	8000
EB-L1405U	8000	8000
EB-L1490U	9000	9000
EB-L1495U	9000	9000
EB-L1500U	12000	12000
EB-L15000U	12000	12000
EB-L1505U	12000	12000
EB-L1510S	12000	12000
EB-L1515S	12000	12000
EB-L1710S	15000	15000
EB-L1715S	15000	15000
EB-L1750U	15000	15000
EB-L1755U	15000	15000
EB-L200F	4500	4500
EB-L200SW	3800	3800
EB-L200SX	3600	3600
EB-L200W	4200	4200
EB-L200X	4200	4200
EB-L210SF	4000	4000
EB-L210SW	4000	4000
EB-L210W	4500	4500
EB-L250F	4500	4500
EB-L255F	4500	4500
EB-L260F	4600	4600
EB-L265F	4600	4600
EB-L20000U	15000	15000
EB-L25000U	25000	25000
EB-L30000U	30000	30000
EB-L30002U	30000	30000
EB-L400U	4500	4500
EB-L500W	5000	5000
EB-L510U	5000	5000
EB-L520U	5200	5200
EB-L520W	5200	5200
EB-L530U	5200	5200
EB-L550U	5200	5200
EB-L570U	5200	5200
EB-L610	6000	6000
EB-L610U	6000	6000
EB-L610W	6000	6000
EB-L615U	6000	6000
EB-L630SU	6000	6000
EB-L630U	6200	6200
EB-L635SU	6000	6000
EB-L690SE	6000	6000
EB-L690SU	6200	6200
EB-L690U	6500	6500
EB-L695SE	6000	6000
EB-L695SU	6200	6200
EB-L730U	7000	7000
EB-L735U	7000	7000
EB-L770U	7000	7000
EB-L775U	7000	7000
EB-L790SE	7000	7000
EB-L790SU	7000	7000
EB-L790U	7300	7300
EB-L795SE	7000	7000
EB-L890E	8000	8000
EB-L890U	8000	8000
EB-L895E	8000	8000
EB-L895U	8000	8000
EB-PQ2008B	8000	8000

Table 1: Continued

	White Brightness	Color Brightness
Epson (Continued)		
EB-PQ2008W	8000	8000
EB-PQ2010B	10000	10000
EB-PQ2010W	10000	10000
EB-PQ2213B	13000	13000
EB-PQ2216B	16000	16000
EB-PQ2216W	16000	16000
EB-PQ2220B	20000	20000
EB-PU1006W	6000	6000
EB-PU1007B	7000	7000
EB-PU1007W	7000	7000
EB-PU1008B	8500	8500
EB-PU1008W	8500	8500
EB-PU2010B	10000	10000
EB-PU2010W	10000	10000
EB-PU2113W	13000	13000
EB-PU2116W	16000	16000
EB-PU2120W	20000	20000
EB-PU2213B	13000	13000
EB-PU2216B	16000	16000
EB-PU2220B	20000	20000
EB-S03	2700	2700
EB-S04	3000	3000
EB-S05	3200	3200
EB-S17	2700	2700
EB-S18	2900	2900
EB-S27	2700	2700
EB-S29	3000	3000
EB-S31	3200	3200
EB-S39	3300	3300
EB-S41	3300	3300
EB-U04	3000	3000
EB-U05	3400	3400
EB-U32	3200	3200
EB-U42	3600	3600
EB-U50	3700	3700
EB-W01	3000	3000
EB-W03	2700	2700
EB-W04	3000	3000
EB-W05	3300	3300
EB-W06	3700	3700
EB-W8D	2500	2500
EB-W16	3000	3000
EB-W16SK	6000	6000
EB-W22	3000	3000
EB-W28	3000	3000
EB-W29	3000	3000
EB-W31	3200	3200
EB-W32	3200	3200
EB-W39	3500	3500
EB-W42	3600	3600
EB-W420	3000	3000
EB-W49	3800	3800
EB-W50	3800	3800
EB-W52	4000	4000
EB-W53	4000	4000
EB-W55	4000	4000
EB-W56S	3700	3700
EB-W70	2000	2000
EB-W75	2000	2000
EB-X03	2700	2700
EB-X04	2800	2800
EB-X05	3300	3300
EB-X06	3600	3600
EB-X18	3000	3000
EB-X20	2700	2700
EB-X24	3200	3200
EB-X25	3500	3500
EB-X27	2700	2700
EB-X29	3000	3000
EB-X30	3500	3500
EB-X31	3200	3200
EB-X39	3500	3500
EB-X36	3600	3600
EB-X41	3600	3600
EB-X49	3600	3600
EB-X50	3600	3600
EB-X51	3800	3800
EB-X52	3800	3800
EB-Z9750WU	7500	7500
EB-Z9800W	8300	8300
EB-Z9870U	8700	8700
EB-Z9875U	8700	8700
EB-Z9900W	9200	9200
EB-Z10000U	10000	10000
EB-Z10005U	10000	10000
EB-Z11000	11000	11000
EB-Z11000W	11000	11000
EB-Z11005	11000	11000
EH-LS100	4000	4000
EH-LS650B	3600	3600
EH-LS650W	3600	3600
EH-LS670	3600	3600
EH-LS800B	4000	4000
EH-LS800W	4000	4000
EH-LS10000	1500	1500
EH-LS10500	1500	1500
EH-LS11000W	2500	2500
EH-LS12000B	2700	2700
EH-LS300B	3600	3600
EH-LS300W	3600	3600
EH-LS500W/B	4000	4000
EH-TW490	3000	3000
EH-TW5100	1800	1800
EH-TW5200	2000	2000
EH-TW5210	2200	2200
EH-TW530	3000	3000
EH-TW5300	2200	2200
EH-TW5350	2200	2200
EH-TW5400	2500	2500
EH-TW5600	2500	2500
EH-TW5650	2500	2500
EH-TW570	3000	3000
EH-TW5700	2700	2700
EH-TW5705	2700	2700
EH-TW5750	2500	2500
EH-TW5820	2700	2700
EH-TW5825	2700	2700
EH-TW6100	2300	2300
EH-TW6150	2800	2800
EH-TW6250	2800	2800
EH-TW630	3300	3300
EH-TW6300	2600	2600
EH-TW640	3300	3300
EH-TW650	3200	3200
EH-TW6600	2500	2500
EH-TW6600W	2500	2500
EH-TW6700	3000	3000
EH-TW6700W	3000	3000
EH-TW6800	2800	2800
EH-TW7000	3000	3000
EH-TW7100	3000	3000
EH-TW7200	2000	2000
EH-TW7300	2300	2300
EH-TW7400	2400	2400
EH-TW750	3400	3400
EH-TW8200	2400	2400
EH-TW8200W	2400	2400
EH-TW8300	2500	2500
EH-TW8300W	2500	2500
EH-TW840	4000	4000
EH-TW850	3400	3400
EH-TW9200	2400	2400
EH-TW9200W	2400	2400
EH-TW9300	2500	2500
EH-TW9300W	2500	2500
EH-TW9400	2600	2600
EH-QB1000	3300	3300
EH-QL3000	6000	6000
EH-QL7000	10000	10000
EH-QS100	4500	4500
Hitachi		
CP-A222WN	2200	2200
CP-A352WN	3500	3500
CP-AW2519N	2500	2500
CP-AW2519NM	2500	2500
CP-AW252WN	2500	2500
CP-AW312WN	3000	3000
CP-D31N	3000	3000

Table 2: Models Tested by 3rd Party Laboratory for Color Brightness

The manufacturers in table two have not provided Color Light Output (Color Brightness) specifications. These models were tested by third party laboratories in accordance with IDMS 15.4 in order to provide critical information to buyers.

	White Brightness	Tested Color Brightness
Hitachi (Continued)		
CP-WU8450	5000	5000
CP-WU8460	6000	6000
CP-WUX8441	5000	5000
CP-WUX8460	6000	6000
CP-WX2515WN	2700	2700
CP-WX3015WN	3000	3000
CP-WX3030WN	3000	3000
CP-WX4022WN	4000	4000
CP-WX8240	4000	4000
CP-WX8240A	4000	4000
CP-WX8255A	5500	5500
CP-X2521WN	2700	2700
CP-X2530WN	2700	2700
CP-X3021WN	3200	3200
CP-X3030WN	3200	3200
CP-X4015WN	4000	4000
CP-X4022WN	4000	4000
CP-X5022WN	5000	5000
CP-X8150	5000	5000
CP-X8160	6000	6000
CP-X8170	7000	7000
Sony		
VPL-CW275	5100	5100
VPL-CX275	5200	5200
VPL-DW120	2600	2600
VPL-DW126	2600	2600
VPL-DX120	2600	2600
VPL-DX140	3200	3200
VPL-DX146	3200	3200
VPL-EW225	2600	2600
VPL-EW246	3100	3100
VPL-EW276	3700	3700
VPL-EX225	2700	2700
VPL-EX246	3200	3200
VPL-EX276	3700	3700
VPL-FH30	4300	4300
VPL-FH31B	4300	4300
VPL-FH31W	4300	4300
VPL-FH36B	5200	5200
VPL-FH36W	5200	5200
VPL-FH500L	7000	7000
VPL-FX30	4200	4200
VPL-FX35	5000	5000
VPL-FX37	6000	6000
VPL-FX500L	7000	7000
3M		
MP225A	32	30
AAXA		
M6	1200	610
MP-300-03	550	150
P2 Jr.	55	30
P3	50	20
P300	300	140
P4-X	95	40
P450	450	190
Acer		
C120	100	90
H5360	2500	600
H5370BD	2500	570
H5380BD	3000	660
H6500	2100	720
H6502BD	3400	650
H6510BD	3000	580
H6810	3500	720
H7850	3000	870
K132	500	130
P1173	3000	590
P1185	3200	750
P1273	3000	710
P1283	3000	650
P1383W	3100	660
P1387W	4500	850
P1500	3000	530
P5271	3100	700
P5515	4000	720
P7505	5000	980
S1386WHN	3600	750
X110P	2700	700
X113PH	3000	710
X1161P	2700	720
X1163	3000	720
X117H	3600	750
X118H	3600	500
X1211K	2500	670
X123PH	3000	670
X1240	2700	650
X1261P	2700	640
X1373WH	3000	560
Acto		
DX221ST	3200	470
Anker		
Nebula X1	3500	2100
ASUS		
S1	200	120
BenQ		
CH100	1000	800
HC1200	2800	1740
HT1070	2000	1200
HT1070A	2200	900
HT1075	2200	1390
HT1085ST	2200	1390
HT2050	2200	1450
HT2050A	2200	1450
HT2150ST	2200	1280
HT2550	2200	1200
HT3050	2000	1130
HT3550	2000	1000
HT3560	2000	1560
HT4050	2000	1230
HT5550	1800	975
HT8050	2200	1500
Joybee GP2	200	30
LH770	5000	1800
LU950	5000	1600
LU951ST	5000	1500
LU9715	8000	2900
LW61ST	2000	550
LW720	4000	1400
LX770	5000	2000
MH530	3200	670
MH530FHD	3300	600
MH535FHD	3600	500
MH535A	3600	650
MH630	3000	770
MH680	3000	700
MH733	4000	730
MH740	4000	730
MH741	4000	810
MH750	4500	820
MH760	5000	1050
MH856UST	3500	1200
MP512	2200	610
MP515	2500	750
MP522	2000	540
MP522ST	2000	590
MP525P	2500	840
MP622	2700	1090
MP622C	2200	1010
MP780ST	2500	600
MS502	2700	760
MS504	3000	700
MS510	2700	730
MS513	2700	700
MS514H	3200	740
MS517	2800	700
MS521	3000	460
MS524	3200	670
MS524A	3300	720
MS524AE	3300	600
MS535A	3600	550
MS536	4000	1100
MS560	4000	950

Table 2: Continued

	White Brightness	Tested Color Brightness
BenQ (Continued)		
MS612ST	2500	710
MS614	2700	710
MU686	3500	650
MU706	4000	720
MW516	2800	670
MW519	2800	700
MW523	3000	430
MW526	3200	620
MW526A	3300	660
MW526AE	3300	700
MW529E	3300	720
MW535A	3600	650
MW560	4000	800
MW571	3200	670
MW571H	3300	580
MW571	3200	670
MW612	4000	740
MW621ST	3000	530
MW632ST	3200	600
MW665	3200	650
MW705	4000	840
MW707	3500	700
MW721	3500	810
MW727	4200	830
MW732	4000	850
MW769	4200	950
MW814ST	2500	770
MW824ST	3200	590
MW826ST	3400	500
MW843UST	3000	560
MW851UST	2500	460
MW853UST	3200	860
MW855UST	3500	1050
MW860USTi	3000	480
MW870UST	3000	530
MW883UST	3300	700
MX503	2700	830
MX505	3000	640
MX511	2700	700
MX518	2800	720
MX520	3000	610
MX522	3000	430
MX525	3200	430
MX525A	3300	560
MX570	3200	380
MX613ST	2500	660
MX620ST	3000	630
MX632ST	3200	490
MX660P	3000	790
MX661	3000	680
MX707	3500	750
MX711	3200	770
MX723	3700	660
MX726	4000	870
MX731	4000	600
MX763	3700	830
MX764	4200	980
MX806PST	3000	560
MX810ST	2500	490
MX815ST	2700	720
MX816ST	3000	640
MX819ST	3000	520
MX825ST	3300	500
MX825STH	3500	700
MX850UST	2500	400
PU9530	6000	2000
SH915	4000	780
SH940	4000	1160
SP840	4000	480
SU917	5000	900
SU922	5000	1280
SX920	5000	1150
TH530	3200	680
TH585	3500	700
TH670	3000	610
TH681ST	3000	700
TH681	3000	840
TH683	3200	620
TH685	3500	600
TH685i	3500	700
TK700	3200	600
TK700STi	3000	850
TK710STi	3200	1270
TK800	3000	550
TK850	3000	500
TK860i	3300	600
V7050i	2500	1700
W1070	2000	1570
W1080ST	2000	1470
W1090	2000	1500
W1500	2200	1440
W2720i	2500	1500
W7000	2000	1500
W770ST	2500	680
X1300i	3000	1500
X3000i	3000	1950
Canon		
LV-S300	3000	620
LV-WX300	3000	700
LV-X300	3000	630
LX-MU500Z	5000	1750
LX-MH502Z	5000	1800
LX-MU800Z	8000	2900
Casio		
XJ-A130	2000	540
XJ-A141	2500	1200
XJ-A142	2500	1000
XJ-A246	2500	1340
XJ-A252	3000	1170
XJ-A256	3000	1370
XJ-A257	3000	1400
XJ-F10X	3300	1740
XJ-F100W	3500	1230
XJ-F101W	3500	1400
XJ-F11X	3300	1200
XJ-F20XN	3300	1580
XJ-F21XN	3300	1100
XJ-F210WN	3500	1420
XJ-F211WN	3500	1400
XJ-H1700	4000	770
XJ-M140	2500	1440
XJ-M151	3000	1640
XJ-M240	2500	1280
XJ-M245	2500	1160
XJ-M251	3000	1650
XJ-S400U	4000	1700
XJ-S400W	4000	1500
XJ-ST145	2500	510
XJ-UT310WN	3100	1890
XJ-UT351W	3500	2180
XJ-V1	2700	1360
XJ-V10X	3300	1790
XJ-V100W	3000	1580
XJ-V110W	3500	1990
XJ-V2	3000	1670
Christie		
D13WU-HS	13500	6000
DHD400S	3500	940
DHD800	8000	2000
Dell		
1220	2700	550
1409X	2500	820
1450	3000	640
1510X	3500	770
1610HD	3500	910
2400MP	3000	710
4320	4300	1080
M110	300	80
M115HD	450	120
M900HD	900	180
S300wi	2200	480
S500wi	3200	880
S560	3400	800
Hisense		
C1	1600	650
C2 Ultra	3000	1700
L5F	3000	1300
L9G	3400	1600
PL1	2200	950

Table 2: Continued

	White Brightness	Tested Color Brightness
Hisense (Continued)		
PL2	2700	1200
PX1	2000	900
PX1-Pro	2200	900
PX3-Pro	3000	600
Hitachi		
CP-DX250	2500	480
CP-DX300	3000	650
LP-WU3500	3500	1200
LP-WU6500	5000	1800
LP-WU9750B	8000	2300
InFocus		
IN102	2500	740
IN1110	2100	530
IN1110a	2100	550
IN1112	2200	590
IN1112a	2200	530
IN1116	2400	550
IN1116LC	2400	460
IN1118HD	2400	470
IN112	2700	640
IN112a	3000	700
IN112x	3200	670
IN112xa	3500	600
IN112xv	3400	680
IN114	2700	660
IN114a	3000	670
IN114ST	2700	560
IN114x	3200	640
IN114xa	3500	500
IN114xv	3400	500
IN1146	1000	250
IN116	2700	630
IN116a	3000	660
IN116x	3200	630
IN116xa	3500	600
IN116xv	3400	700
IN118HDa	3000	400
IN119HDx	3200	590
IN122	3200	760
IN122a	3500	800
IN124	3200	840
IN124a	3500	710
IN124ST	3000	690
IN124x	4000	830
IN126	3200	810
IN126ST	3000	630
IN126STa	3300	700
IN128HDx	4000	670
IN1338HD	4000	690
IN134	4000	760
IN136	4000	760
IN138HD	4000	760
IN2102	2500	760
IN2104	2500	650
IN2112	3000	750
IN2114	3000	760
IN2116	3000	730
IN2124	3200	800
IN2124a	3500	820
IN2124x	4200	760
IN2126	3200	840
IN2128HDa	3500	740
IN2134	4500	790
IN2136	4500	750
IN2138HD	4500	1000
IN3102	3000	840
IN3104	3500	1010
IN3114	3500	910
IN3116	3500	930
IN3124	4800	1050
IN3126	4000	760
IN3128HD	4000	590
IN3138HD	4000	720
IN3138HDa	4000	600
IN3144	5000	850
IN3148HD	5000	1100
IN35	2500	840
IN37	3000	970
IN3914	2700	730
IN5312	4500	1190
Work Big IN24+	2400	720
Work Big IN26+	2400	640
Work Big IN32	2000	940
Work Big IN34	2500	670
Work Big IN36	3000	870
JmGo		
N1S Pro	2250	1400
N1S Ultimate	3300	1600
JVC		
LX-UH1B	2000	750
LG		
BS-275	2700	700
BU50NST	5000	2950
BU60PST	6000	3200
GRU510N	5000	2870
HF80JA	2000	530
HF85JA	1500	400
HU70LA	1500	800
HU715Q	2500	1100
HU80KA	2500	650
HU810PW	2700	1800
HU85LA	2700	1800
HU915QB	3000	2500
HU915QE	3700	2500
PA75U	700	230
PA77U	700	300
PB63U	500	220
PF1000U	1000	250
PF1500	1400	400
PF50KA	600	200
PH300W	300	200
PH550	550	300
PW800	800	340
Mimio		
mimioProjector	2800	550
Miroir		
M300A	400	200
Mitsubishi		
EX240U	2500	510
HC1500	1600	720
HC4000	1300	400
HC7800D	1500	1090
HD4000U	2000	690
WD380U-EST	2800	660
XD211U	2200	660
XD221U	2300	810
XD221U-ST	2000	650
XD250U	2700	1050
XD3500U	5000	940
XD360U-EST	2500	350
XD460U	2600	850
XD490U	3000	780
XD500U	2200	640
XD700U	5000	850
NEC		
M380HL	3800	1000
M430WL	4300	700
NP110	2200	640
NP200	2100	480
NP40	2200	830
NP4001	4500	1640
NP4100	6200	1950
NP50	2600	740
NP60	3000	790
NP61	3000	700
NP-M282X	2800	810
NP-M283X	2800	780
NP-M322W	3200	810
NP-M322X	3200	870
NP-M323W	3200	950
NP-M323X	3200	910
NP-M333XS	3300	920
NP-M352WS	3500	1020
NP-M353WS	3500	900
NP-M363W	3600	950
NP-M363X	3600	890
NP-M402H	4000	1060

Table 2: Continued

	White Brightness	Tested Color Brightness
NEC (Continued)		
NP-M402X	4000	1030
NP-M403H	4000	770
NP-M403X	4000	1000
NP-P502H	5000	1300
NP-P502WL	5000	1200
NP-PE401H	4000	1020
NP-PX750U	7500	1250
NP-PX750U+	7500	660
NP-PX800X	8000	1890
NP-U260W	2600	540
NP-U300X	3000	770
NP-U310W	3100	690
NP-U321H	3200	650
NP-V260	2600	620
NP-V260W	2600	620
NP-V260X	2600	640
NP-V300W	3000	740
NP-V300X	3000	740
NP-V302H	3000	530
NP-V332W	3300	620
NP-V332X	3300	580
NP-VE281	2800	590
NP-VE281X	2800	700
NP-VE303	3000	700
NP-VE303X	3000	630
P502HL	5000	2000
P502HL-2	5000	1250
PX-602UL	6000	2200
PX-750U2	7500	2200
PX-803UL	8000	2900
V311W	3100	690
V311X	3100	720
Optoma		
4K400STx	4000	1100
4K550ST	4500	1200
CinemaX P1	3000	1300
CinemaX P2	3000	1500
CinemaX Pro	3500	800
DH351	3600	650
DH1009	3200	590
DH1011	3000	640
DH1012	3200	780
DS331	3200	500
DS339	2600	760
DS550	2600	650
DU380	3800	630
DW326e	3000	710
DX326	2800	710
DX346	3000	690
DX550	2600	640
EH200ST	3000	500
EH320USTi	4000	660
EH330UST	3600	950
EH331	3300	640
EH335	3600	500
EH336	3400	600
EH341	3500	680
EH345	3200	670
EH400+	4000	900
EH412	4500	950
EH412ST	4000	870
EH415	4200	800
EH415ST	3500	800
EH416	4200	620
EH460ST	4200	810
EH465	4800	850
EH500	4700	1000
EH501	5000	430
EH503	5000	1190
EH504	5000	1050
EH512	5000	1500
EH515	5500	830
EH615T	6200	750
EH7700	7000	1900
EP1691	2500	820
EP716	1800	510
EP719	2000	600
EP721	2200	550
EP727	2200	590
EP728	2700	810
EP771	3000	930
ES522	2800	660
EW1691e	3000	770
EW536	2800	700
EW695UT	3500	780
EX525ST	2500	570
EX530	2600	650
EX532	2800	650
EX685UT	3000	620
EX765	4000	810
EX784	5000	1060
EX785	5000	1300
GT1080	2800	500
GT1080HDR	3800	910
GT1080HDRx	3800	1270
GT1090HDR	4200	1500
GT2100HDR	4200	1030
GT5500	3500	690
GT5600	3600	730
GT750e	3000	950
GT760	3400	600
GT780	3800	720
H180X	3000	660
H181X	3200	580
H182X	3200	760
H190X	3900	750
HD131Xe	2500	480
HD131Xw	2500	650
HD141X	3000	700
HD142X	3000	700
HD143X	3000	560
HD146X	3600	700
HD20	1700	1020
HD23	2500	680
HD243X	3300	600
HD25E	2800	420
HD25-LV	3500	670
HD26	3200	670
HD27	3200	600
HD27e	3400	560
HD27HDR	3400	760
HD28DSE	3000	630
HD28HDR	3600	650
HD29Darbee	3200	630
HD33	1800	940
HD37	2600	1980
HD39Darbee	3500	1100
HD39HDR	4000	1100
HD65	1600	650
HD66	2500	710
HZ39HDR	4000	960
HZ40HDR	4000	1000
ML300	300	130
ML500	500	140
ML550	500	150
ML750	700	110
ML1000P	1000	170
PK320	100	60
PRO150S	2800	810
PRO160S	3000	810
PRO250X	2800	740
PRO260X	3000	770
PRO360W	3000	820
PT100	50	10
PT110	100	20
S303	3000	670
S310e	3200	730
S316	3200	710
S321	3200	570
S336	4000	650
S334e	3800	960
S341	3500	620
S343	3600	750
S365	3600	700
SH360	3600	600
TS526	2800	700
TS551	2800	640
TW766W	4000	800
TX536	2800	670
TX542	2800	680
TX631-3D	3500	850

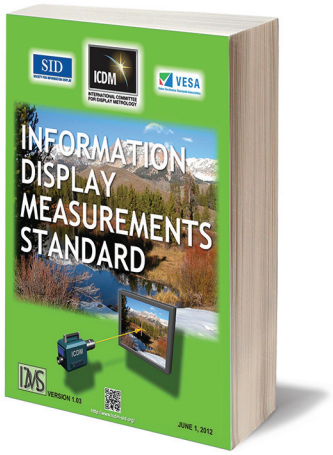
Table 2: Continued

	White Brightness	Tested Color Brightness
Optoma (Continued)		
UHD35	3600	900
UHD35STx	3600	1185
UHD38	4000	800
UHD50	2400	1000
UHD50x	3400	790
UHD51A	2400	1000
UHD55	3600	850
UHD60	3000	1000
UHD65	2200	1200
UHL55	1500	1100
UHZ35ST	3500	900
UHZ45	3800	1400
UHZ50	3000	1775
UHZ521	5500	1900
UHZ66	4000	950
W303	3200	500
W304M	3100	780
W305ST	3200	490
W306ST	3500	730
W309ST	3800	600
W307UST	3500	660
W311	3200	490
W312	3200	710
W316	3400	660
W316ST	3400	640
W318ST	3500	840
W319ST	4000	780
W331	3200	620
W335	3800	650
W341	3600	780
W345	3300	710
W351	3800	810
W355	3600	720
W400	4000	900
W400LVe	4000	850
W412	4400	1050
W415	4500	800
W416	4500	650
W512	5500	1400
WU334	3600	700
WU336	3400	550
WU416	4200	630
WU465	4800	960
WU515	6000	1300
X303	3000	410
X304M	3000	620
X305ST	3000	540
X306ST	3200	680
X309ST	3700	500
X312	3200	610
X313	3000	710
X316	3200	590
X318ST	3300	600
X341	3300	560
X343	3600	650
X345	3200	670
X351	3600	700
X355	3500	680
X365	3600	470
X400+	4000	780
X400LVe	4000	500
X412	4200	850
X416	4300	800
X600	6000	1070
X605	6000	1500
ZH403	4000	1100
ZH406	4500	1100
ZH406ST	4200	1300
ZH500T	5000	940
ZH506	5000	1200
ZH507	5500	1500
ZH510T	5000	1200
ZH521	5500	1900
ZU500TST	5000	1700
ZU510T	5300	1100
ZU510T-W	5500	1700
ZU610T-W	6000	1900
ZW210ST	2000	410
ZW212ST	2500	390
ZW350	3500	1260
ZW400	4000	1500
ZW403	4500	1560
ZX210ST	2000	360
ZX212ST	2500	280
ZX300	3500	870
Panasonic		
PT-CW230EA	2500	550
PT-D5700U	6000	3050
PT-DW830UW	8500	3400
PT-DZ570U	4000	2240
PT-DZ6710	6000	2990
PT-DZ770UK	7000	2340
PT-DZ780B	7000	3200
PT-DZ870UK	8500	3700
PT-JW130H	1000	600
PT-JX200HWU	2000	1200
PT-LS26U	2600	670
PT-RW330U	3500	750
PT-RW430UK	3500	800
PT-RZ120	12000	7200
PT-RZ370U	3500	840
PT-RZ470UW	3500	830
PT-RZ570	5200	2700
PT-RZ570BU	5400	2050
PT-RZ670U	6500	3700
PT-RZ970	9400	5200
PT-SD2600C	2600	670
Philips		
PicoPix PPX2340	40	30
Promethean		
PRM-35	2500	600
Ricoh		
PJ HD5450	3500	730
PJ S2240	3000	710
PJ WX2240	3100	700
PJ WX4240N	3000	540
PJ X2240	3000	690
Samsung		
LPU7D	2500	1400
LPU9D	3450	1600
LSP7T	2200	880
LSP9T	2800	1700
Sharp		
PG-F212X	2300	860
PG-LW2000	2800	770
PG-LW3000	3000	870
PG-LX2000	2800	790
XR-30X	2300	740
XR-32X	2500	750
XR-41X	2600	660
Smart		
LightRaise 40Wi	2500	750
LightRaise 60Wi	2500	620
SLR60Wi2	3000	670
UX60	2000	730
Toshiba		
TDP-T45U	2500	670
Valerion VisionMaster		
Max	3500	2300
Pro2	3000	1900
Vava		
VA-LT002	2500	1800
ViewSonic		
LS600W	3000	2000
LS700-4K	3500	960
LS711HD	4200	1200
LS740HD	5000	1770
LS810	5200	1600
LS820	3500	1460
LS830	4500	1100
LSD500HD	5500	1700
LSD600W	6000	1700
PA502S	3500	750
PA502X	3500	780
PA503HD	4000	1000
PA503S	3600	790
PA503W	3600	760
PA503X	3600	770
PA504W	4000	1000
PA700S	4500	1099

Table 2: Continued

	White Brightness	Tested Color Brightness
ViewSonic (Continued)		
PA700W	4500	780
PG603W	3600	490
PG603X	3600	500
PG701WU	3500	700
PG703W	4000	910
PG703X	4000	850
PG705HD	4000	710
PG706HD	4000	700
PG707X	4000	650
PG707W	4000	600
PG800HD	5000	1100
PJ506D	2000	630
PJD5123	2700	730
PJD5132	2800	730
PJD5133	2700	700
PJD5134	3000	670
PJD5155	3300	900
PJD5223	2700	680
PJD5232	2800	580
PJD5233	2700	640
PJD5234	2800	640
PJD5234L	3000	690
PJD5255	3300	940
PJD5255L	3300	850
PJD5353LS	3200	830
PJD5523W	2700	620
PJD5533W	2800	740
PJD5553LWS	3200	840
PJD5555W	3300	860
PJD6220	2300	640
PJD6252L	3300	650
PJD6350	3300	730
PJD6352LS	3200	850
PJD6383S	3000	720
PJD6531W	3000	940
PJD6544W	3500	750
PJD6552LWS	3200	890
PJD6553W	3500	870
PJD6683WS	3000	830
PJD7525W	4000	1020
PJD7533W	4000	710
PJD7583W	3000	730
PJD7720HD	3200	730
PJD7820HD	3000	830
PJD7822HDL	3200	750
PJD7828HDL	3200	770
PLED-W500	500	120
PLED-W600	600	250
PLED-W800	800	250
Pro7827HD	2200	1310
Pro8200	2000	780
Pro8300	3000	720
Pro8400	4000	1030
Pro8450W	4500	980
Pro8500	5000	1300
Pro8520HD	5000	780
Pro9510L	6200	870
PS501W	3500	600
PS501X	3500	550
PS502W	4000	920
PS600W	3500	600
PS700W	3300	800
PS600X	3500	540
PS750HD	3000	600
PX700HD	3500	520
PX701HD	3500	650
PX701HDH	3500	650
PX703HD	3500	600
PX703HDH	3500	550
PX706HD	3000	670
PX727-4K	2200	1300
PX747-4K	3500	730
PX748-4K	4000	670
Vivitek		
D512-3D	2600	560
D5280	4500	900
D530	3200	790
D535	3200	620
D536-3D	3200	610
D537W	3200	720
D538W-3D	3200	680
D554	3000	650
D555	3000	670
D557WH	3000	640
D791ST	3000	340
D795WT	3000	320
D803W-3D	3600	680
D832MX	3200	780
D865W	4000	670
D910HD	3000	710
D940VX	4300	930
D966HD	4500	910
DH758USTiR	3500	700
DH765Z-UST	4000	950
DW771USTi	3500	650
DW868	4500	760
H1180HD	2000	880
H1186	2000	1490
HK2288	2000	930
Qumi Q2	300	50
Qumi Q3 Plus	500	200
Qumi Q5	500	80
Qumi Q6	800	130
Qumi Q7	800	130
XGIMI		
Elfin Flip 4k	1600	1100
H2	1350	800
Horizon 20 Max	5700	2900
Horizon 20 Pro	4100	2400
Horizon S Max	3100	1900
Horizon S Pro	1800	1000
Z6	500	400
ZTE		
Spro 2	200	190

What's behind this new Color Brightness standard?



Color Light Output, or simply Color Brightness, measures the illuminance of the color primaries Red, Green and Blue. The technical details of this measurement methodology are defined in the newly available Information Display Measurements Standard published by the Society for Information Displays.

The authors of this important standards document were volunteers from all corners of the display industry. These experts carefully examined each of the nearly 200 display metrics in the document to make sure each was relevant, scientifically valid, and worth including in the document.

The Society for Information Displays (SID) is a globally recognized organization working to help educate technical members of the display industry. SID was founded as a Professional Society back in 1962. SID is made up today of about 5,000 display professionals.

More information about this document can be found at: http://www.icdm-sid.org/

Why does the standard only measure Red, Green and Blue? What about all the other colors?

Computers and media players define colors as relative levels of Red, Green and Blue. For example, yellow is stored inside the computer as bright red, bright green and no blue.

Regardless of how the projector may create its image, the standard input signal is based on Red, Green and Blue and therefore it's important to measure these standard color primaries.

What does the Brightness metric we've used for years represent?

Brightness, or technically Light Output, is only a measurement of white light. To measure brightness, projector makers will take nine brightness readings across the entire image. The average of the nine measurements is multiplied by the screen area in square meters to determine the projector's lumen output.

How is Color Brightness measured?

Color Light Output is measured almost exactly the same way as "Brightness" or white light output…but instead of measuring white light, the primary colors are measured.

Instead of just nine measurements, there are total of 27 measurements taken, with the three sample images below.

The brightness of Red, Green and Blue are averaged, summed and multiplied by the screen area to determine the total amount of Color Brightness.

[1] The data in Table 1 was obtained from Projector Central based on information available from these manufacturers.
[2] The White Brightness data in Table 2 was obtained through Projector Central, as specified by the manufacturers. These manufacturers do not provide Color Brightness (Color Light Output) data. Color Brightness was determined in compliance with IDMS 15.4 by 3rd party laboratory testing of a single unit of each model. Serial numbers available upon request.