 Larger Photo

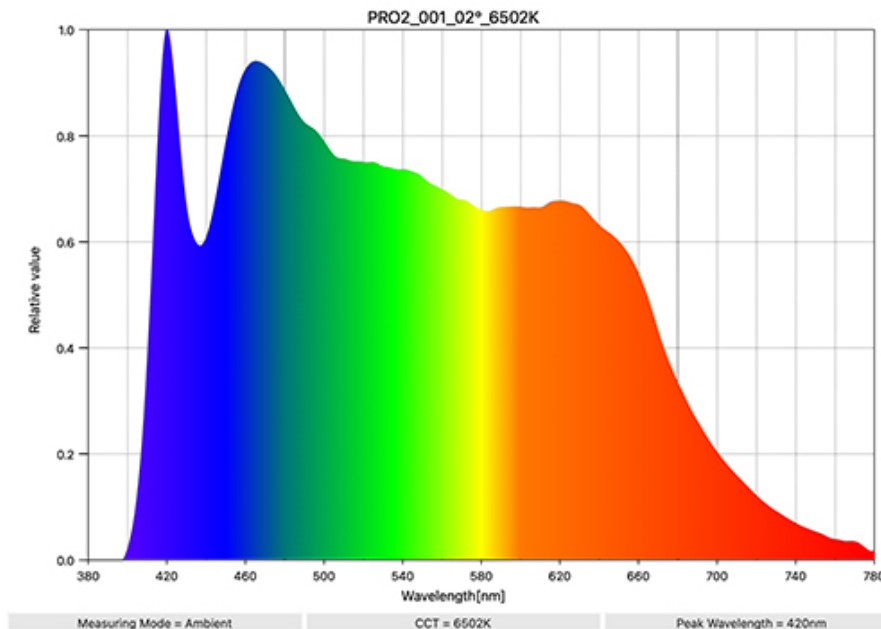


# MediaLight Pro2 (1-6m)

The MediaLight Pro2 Bias Lighting System was created for directors, editors and colorists who need the highest CRI and the most uniform spectral power distribution in a bias light for their professional displays.

The Pro2 uses a new class of ColorGrade™ MPro2 SMD (LED) chips, powered by blue-violet emitters that virtually eliminate LED emitter spike, with an incredible color rendering index (CRI) of 99 Ra, TLCI 99.7 Qa, and Spectral Similarity Index (SSI) of 88. The flicker-free dimmer operates at 30KHz (30,000 Hz versus 220 Hz for other MediaLight dimmers -- and yes, we do sell the dimmers separately, so that you can add them to your existing setup).

If you haven't come across SSI before, it's a comparison of a light source to a reference illuminant; in this case, the CIE standard illuminant D65. It compares the spectral power distribution (SPD) of the light source to the SPD curve for D65. For the sake of comparison, the very accurate MediaLight Mk2, with CRI 98 Ra, has an SSI of 70. As of this writing, the MediaLight Pro2 offers the highest SSI available for a production LED light source.



Most commodity LED lighting systems fall apart in the R9 value which is not included in CRI calculations, but is necessary for the faithful reproduction of skin tones and deep reds. They are often replaced with much more energy-efficient, and cheaper green phosphors, which can result in a greenish color cast, even when used to illuminate a grey surface, such as is the case with bias lighting.

For displays larger than 90", where 4-sided lighting is desired, we recommend placing the strip 3 inches from the edge, rather than 2 inches. This is so that you don't run out of LEDs before you get around 4 sides.

Please read if following the guidelines for "Display on a stand":

It costs a bit less to use a shorter strip, but people have complained that

the "halo" looks too diffuse when the lights are further from the edge of the display. This doesn't make the lights less effective, but you have fewer options and the strip might be too short for some configurations. You will have more options if you choose the sizes in the 3 and 4-sided recommendations.

The shorter configuration still works for the 1m MediaLight Pro2 with a display up to 46". This is because, on a smaller display, the light from the different sides combines more evenly when the display is on a stand. (This is also why 3 sides will provide sufficient light for the bottom of the computer monitor. The left and right sides are still very close together compared to larger displays).



Display size	4-sided coverage	3-sided coverage	Display on a stand
Up to 20"	1m	1m	1m
21" - 24"	2m	1m	1m
25" - 32"	2m	2m	1m
33" - 46"	3m	2m	1m
47" - 60"	4m	3m	2m
61" - 65"	5m	3m	2m
66" - 70"	5m	4m	2m
71" - 75"	5m	4m	2m
76" - 85"	6m	4m	3m
86" - 95"	6m	5m	3m
96" - 110"	-	5m	4m
111" - 129"	-	6m	5m

## Features

- 6500K CCT (Correlated color Temperature) simulated D65
- CRI 99 Ra (TLCI 99.7 Qa) ColorGrade™ MPro2 SMD (LED) chips
- Available in 1-6 meter lengths
- 1-4m versions can run on USB 2.0 or USB 3.0 (500mA minimum)
- 5-6m versions can be powered by USB 3.0 (900mA minimum)
- 8mm, 2-pin pure copper PCB strip
- Included flicker-free 30Khz dimmer (note: NOT remote controlled)
- 5v USB Power
- Included wire routing clips
- Peel and stick 3M VHB mounting adhesive
- 5 Year Limited Warranty