

# LED Strip Comparison Sheet



## UltraBright™ Static White Output LED Strip Lights

LED Strip	Color Temperatures	Brightness	Lumens / ft	Watts / ft	Lumens / Watt	Ingress Protection	CRI	Voltage	Max Run (in series)
 Outline™ Series	24K*   27K   30K 35K   40K   50K		~ 125	1.5	~ 84	IP20 IP65	~ 98	24V 48V	82 ft - 24V 131 ft - 48V
 Accent™ Series	24K*   27K   30K 35K   40K   50K		~ 266	3.5	~ 76	IP20 IP65	~ 98	12V 24V 48V	32 ft - 12V 39 ft - 24V 65 ft - 48V
 Slim™ Series	24K   27K 30K   42K   62K		~ 366	4.4	~ 83	IP20	~ 85	12V 24V*	10 ft - 12V 10 ft - 24V*
 Architectural™ Series	24K   27K   30K 35K   40K   50K   62K*		~ 503	4.4	~ 113	IP20 IP65	~ 98	12V 24V 48V	16 ft - 12V 42 ft - 24V 65 ft - 48V
 Render™ Series	30K   35K 40K   52K		~ 870	6.6	~ 129	IP20	~ 98	12V 24V	9 ft - 12V 19 ft - 24V
 Industrial™ 90+ Series	30K   35K 40K   50K   62K		~ 972	6.6	~ 153	IP20	~ 96	12V 24V	9 ft - 12V 19 ft - 24V
 Industrial™ 80+ Series	30K   35K 40K   50K   62K		~ 1156	6.6	~ 173	IP20	~ 85	12V 24V	9 ft - 12V 19 ft - 24V

\*These options are only available through special order.





## UltraBright™ Dynamic Tunable White LED Strip Lights

LED Strip	Color Temperatures	Brightness	Lumens / ft	Watts / ft	Lumens / Watt	Ingress Protection	CRI	Voltage	Max Run (in series)
 Accent™ Dynamic Tunable White Series	2700K - 6200K		~ 266	3.5	~ 84	IP20 IP65	~ 99	24V	39 ft - 24V
 Architectural™ Dynamic Tunable White Series	2700K - 6200K		~ 494	4.4	~ 108	IP20 IP65	~ 94	24V	42 ft - 24V
 Sienna™ Dim-to-Warm Series	1800K - 3000K		~ 311	3.4	~ 99	IP20 IP65	~ 95	24V	16 ft - 24V

## ColorBright™ RGB Color Changing LED Strip Lights

LED Strip	Color Temperatures	Brightness	Lumens / ft	Watts / ft	Ingress Protection	CRI	Voltage	Max Run (in series)
 RGB 150	NA		NA	2.2	IP20 IP65	NA	12V 24V	32 ft - 12V 48 ft - 24V
 RGB 300	NA		NA	4.4	IP20 IP65	NA	12V 24V	16 ft - 12V 32 ft - 24V
 RGB 600	NA		NA	6.1	IP20 IP65	NA	24V	26 ft - 24V
 RGB + White	24K   27K 30K   42K   62K		~ 213	4.4	IP20 IP65	~ 83	12V 24V	16 ft - 12V 32 ft - 24V
 RGB + Dynamic Tunable White	2400K - 6500K		~ 260	5.5	IP20	~ 95	24V	23 ft - 24V
 RGB Digital Pixel	NA		~ 107	3.6	IP20 IP65	NA	24V	32 ft - 24V

## ColorBright™ Single Color Output LED Strip Lights

LED Strip	Colors	Brightness	Lumens / ft	Watts / ft	Lumens / Watt	Ingress Protection	CRI	Voltage	Max Run (in series)
 Vivid Color Series	Green   Red Blue   Amber		G: 134 R: 91 B: 55 A: 263	2.9	~ 91	IP20 IP65	NA	12V 24V*	32 ft - 12V 32 ft - 24V
 Ultraviolet 399 nm	UV (399 nm)		NA	2.9	NA	IP20	NA	12V 24V*	32 ft - 12V 32 ft - 24V

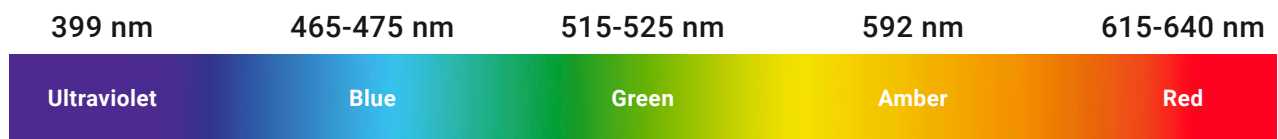
\*These options are only available through special order.

## CCT (Correlated color temperature)



White lights are measured by the Kelvin Scale (K), which is an indicator of heat. When a metal is burnt at different temperatures, it changes color tone. This color changing process is a constant that is used in the lighting industry to indicate the tone of a white.

## Color Wavelength (Non-White Colors)



Color lights are measured by the Color Wavelength Spectrum as seen above. Each range of color is measured in NanoMeters (nm). The visible light seen by the human eye falls between 400nm and 700nm. It's important to remember that whites are a mix of all colors and colors are only a section of the spectrum, that is why we need another way to measure them.

## CRI (Color Rendering Index)

Color Rendering Index (CRI) is the measurement of how accurate colors look under a light source when compared with sunlight. CRI is measured on a scale from 0-100. A CRI of 80+ is the industry-standard for most applications while a CRI of 90+ tends to be necessary for situations that need higher color accuracy such as retail, museum and photography lighting.

## Lumens (lm)

Lumen is the measurement of brightness as perceived to the human eye. Because of incandescent lighting, we are all accustomed to using watts to measure the brightness of light. Today, we use lumen. Lumen is the most important variable when choosing which LED strip light you need to look at. Make sure you compare lumen output between LED strip lights before determining which one is best for your project.

## Ingress Protection (IP)

It is a measurement of the protection an item will have against solid objects (dust, sand, dirt, etc.) and liquids. An IP rating is comprised of 2 numbers. The first number refers to the protection against solid objects (dust, etc) and the second number refers to protection against liquids.



## Contact Information