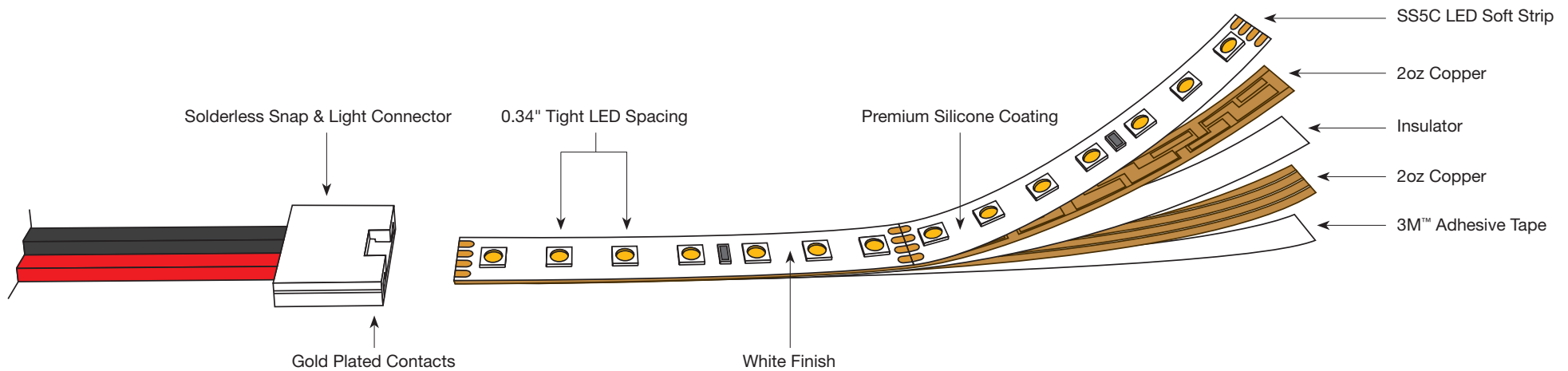


WHITE & DYNAMIC COLOR CHANGING LED SOFT STRIP

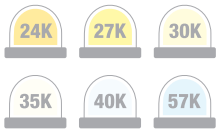
FEATURES & BENEFITS

FEATURES	9 White & 6 Color Options	4oz & 5oz Copper Circuit Board	Tight LED Spacing	Premium Optically Clear Silicone Coating	White Strip Finish & 3M Adhesive Tape Backing	3 Phase Binning Process	Solderless Snap & Light Connections & Gold Plated Contacts
BENEFITS	<ul style="list-style-type: none"> Flexible design options fit multiple applications White: <ul style="list-style-type: none"> 24K 27K 30K 35K 40K 57K Warm Dim (27D) Warm Dim (30D) Tunable White (2K4K) Color: <ul style="list-style-type: none"> Red Blue Green Amber RGB RGB+W 	<ul style="list-style-type: none"> Twice the copper thickness compared to industry standard Less voltage drop for consistent brightness along the length of run LEDs run cooler and have longer life expectancy Insulator layer between two layers of copper 	<ul style="list-style-type: none"> Twice the quantity of LEDs per foot compared to industry standard Uniform distribution without dots with lens 	<ul style="list-style-type: none"> LEDs sealed to circuit board extending durability Coating does not yellow or crack compromising light quality Suitable for damp location including outdoor under awning 	<ul style="list-style-type: none"> Better reflection of light Optimized for use inside channel High performance thermal conductive 3M™ Adhesive tape backing 	<ul style="list-style-type: none"> Consistent color temperatures throughout a single strip and among multiple strips Each order is inspected with a color meter to ensure uniformity 	<ul style="list-style-type: none"> Reduced labor during installation Less planning needed during design stage Good up to 200 watts Gold Plated Contacts prevent oxidation to ensure long life



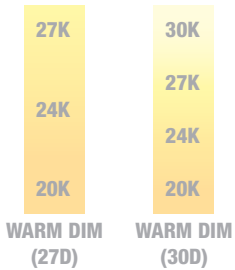
CREATE THE EMOTION

COLOR TEMPERATURE COMPARISON CHART



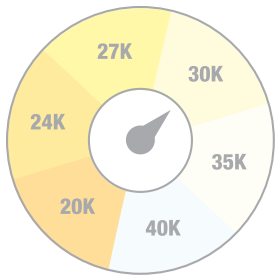
Standard LEDs (24K, 27K, 30K, 35K, 40K, 57K)

- Only one color temperature can be selected
- The Color Temperature Chart shows the appropriate environment for each color temperature option and the emotion that is evoked by the lighting allowing the customer to match the light to the space
- Dimming these standard LEDs results in what is known as a “Cold Dim”, resulting in an unpleasant environment reminiscent of prison lighting



Warm Dim (27D & 30D)

- Replicates the effects of incandescent and halogen light sources
- The Color Temperature Chart shows the range of color temperatures that can be achieved with Warm Dim (27K -20K)
- Unlike standard LEDs, these LEDs are designed to be dimmed and shift to a warmer color temperature as they are dimmed down evoking the right emotions for the right environments



Tunable White (2K4K)

- Allows the freedom to choose any color temperature from a broad range of options
- The Tunable White gives the most flexibility when it comes to changing the environment to create the desired emotions
- The ability to have the full range of color temperatures creates many unique opportunities for example; shifting from daylight to sunset when programmed to an astronomical clock

COLOR TEMPERATURE	ENVIRONMENT	EMOTION
5700K	Daylight	Bright Eyed
4000K	Outdoor	Active
3500K	Office	Focus
3000K	Gallery	Balance
2700K	Home	Relaxed
2400K	Dining	Cozy
2000K	Sunset	Romance

LED BINNING PROCESS

COLOR MATCHING

Ensure Project Color Consistency

Variations in color can be identified by the human eye with incredible precision (see full chromaticity diagram on page 2). There are standard variations within any color temperature ordered from LED manufacturers. To control the color variation in LED lighting components, a binning process is performed by the LED chip manufacturer; a physical sorting of LEDs of similar brightness and color. **Although the binning process is performed, one batch of LEDs may vary by +/- 165K in color temperature.** As a result, each batch of 3000K LEDs could contain LEDs spanning 6 unique bins ranging from 2870K-3200K.

PureEdge Lighting performs a second binning process once the LEDs are received from the chip manufacturer. Bins are meticulously sorted in an additional in-house binning process. PureEdge takes these special measures to reduce color variation in LEDs for each order.

Please be sure you notify PureEdge Lighting when multiple product orders will be used in the same space. It is critical to do so to ensure the color temperature of your LED products match throughout your space. Below is a list of common scenarios where this may occur.

Common Scenarios:

Replacement products, extension on existing projects, and to match a sample product.

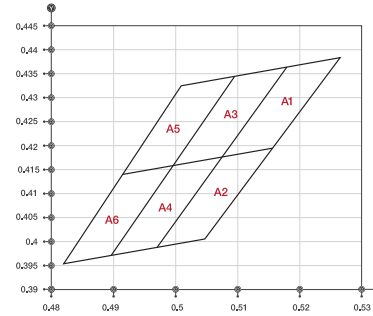
Additional Resources

Visit www.EdgeLighting.com/about for more information on the Binning Process.

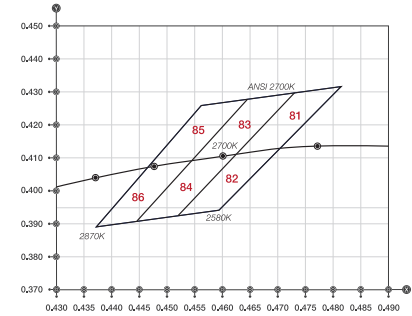
The diagrams above show a close up view of the 6 bins that an LED within a particular color temperature could fall into, even after going through the initial binning process by the LED chip manufacturer.

■ Red letters and numbers within the graphic represent bin numbers

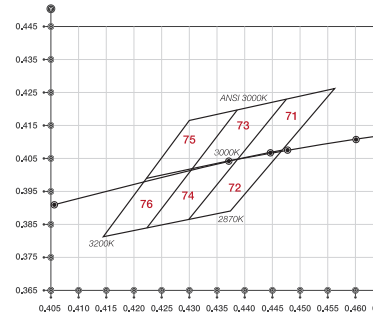
ANSI 2200K



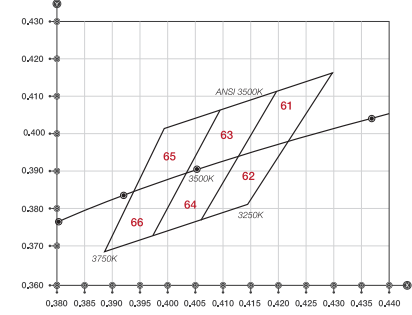
ANSI 2700K



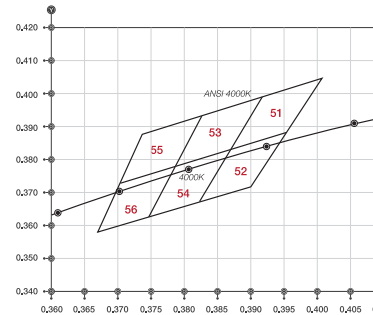
ANSI 3000K



ANSI 3500K



ANSI 4000K



ANSI 5700K

