

# Strip Light RGBW Product

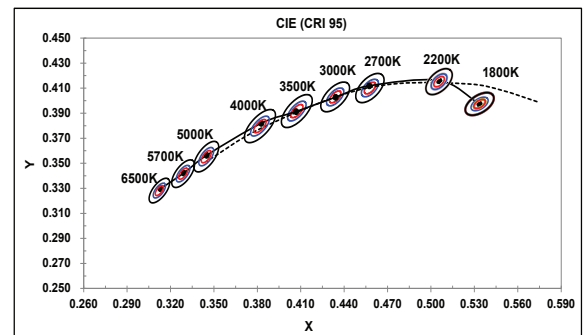
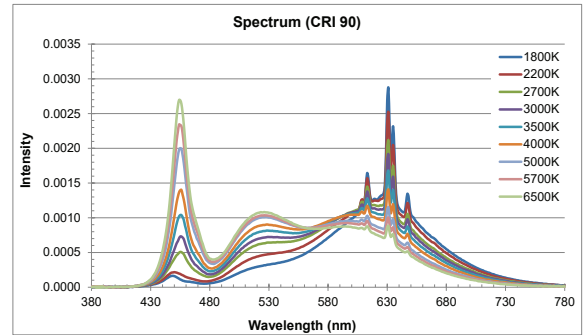
## Bridgelux Differentiation

- 20+ years of driving LED industry transformation
- Vertical integration across chip, phosphor and package
- Broad product portfolio including CSPs, SMDs, COBs and modules
- Human centric and dynamic lighting technology leader



## Features and Benefits

- Packaged Bridgelux 3838 RGBW 4-in-1 package (3.8x4.0x0.8mm)
- Up to CRI 97; 2000lm/m (606lm/ft); 110 or greater LPW
- 10mm (3/8") Width and every 55.7mm (2.2") Cut
- Phosphor converted narrow band Red, Green, or Green chip option
- Highest RGB performance in the industry
- White tunable or selectable along BBC from 1800K to 6500K
- Compatible with Bridgelux 4 channel Driver, Solderless Connectors
- Customized solution are available per customer request
- Decorative, Residential, Commercial, Architectural lighting



**@ 1m (3.28ft) length, CRI 95 Strip Light RGBW Color Tunable Along BBC — Constant Flux @CCT from 1800K to 6500K**

CCT (K)	CRI	Voltage (V)	BXEB-ST10-RGBW1000-079-A3				BXEB-ST10-RGBW2000-079-A3			
			Total If (mA)	Power (W)	Typ. Flux (lm)	Efficacy (lm/W)	Total If (mA)	Power (W)	Typ. Flux (lm)	Efficacy (lm/W)
1800	95	24	450	8.8	852	97	900	18.1	1579	87
2200			450	8.8	967	110	900	18.0	1803	100
2700			450	8.7	1089	125	900	17.9	2035	114
3000			450	8.7	1141	131	900	17.8	2122	119
3500			450	8.6	1166	135	900	17.7	2211	125
4000			450	8.6	1187	138	900	17.6	2237	127
5000			450	8.6	1253	145	900	17.7	2347	133
5700			450	8.6	1244	144	900	17.6	2325	132
6500			450	8.6	1235	144	900	17.6	2310	131

Color	Dominant Wavelength (nm)	Voltage (V)	BXEB-ST10-RGBW1000-079-A3		BXEB-ST10-RGBW2000-079-A3	
			Drive Current (mA)	Typical Flux (lm)	Drive Current (mA)	Typical Flux (lm)
Red	617	24	450	344	900	588
Green	536	24	450	1752	900	2954
Blue	463	24	450	198	900	332
White	2500K 70CRI	24	450	1348	900	2256

All measurements are at  $T_{sp} = 25^{\circ}C$ . Additional electrical configurations and product options are available, please consult your Bridgelux sales representative.

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