

XLAMP® CTW LEDs

- Two-channel CCT-tunable COB LEDs with industry-leading flexibility, lumen density, efficacy and reliability
- Enables a wide range of field-configurable color temperatures or an authentic dim-to-warm experience to the end users
- Checkered die & phosphor configuration for best optical profile
- Available in 3 color tuning ranges

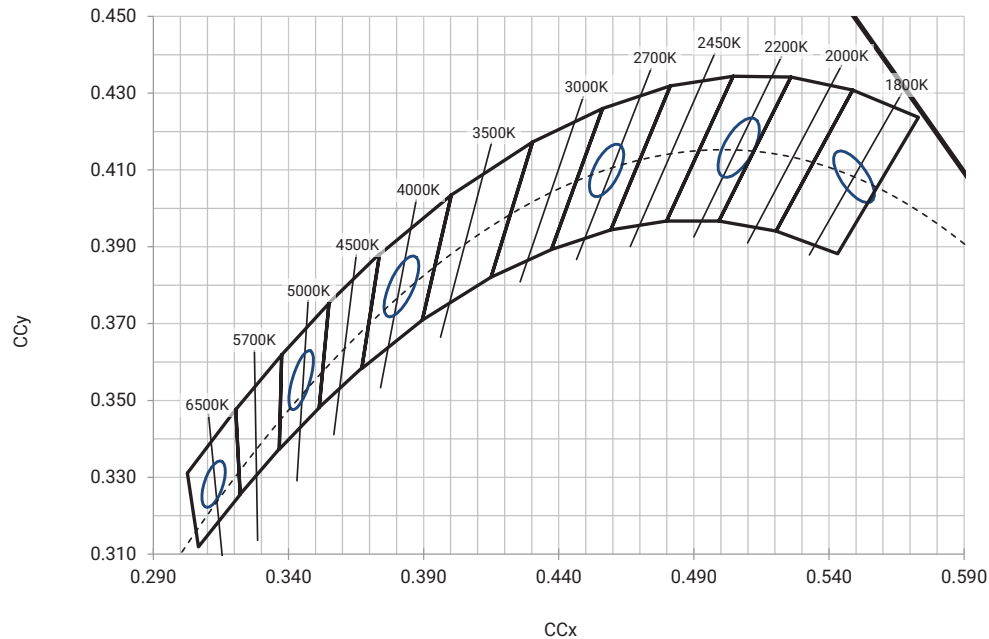
December 2025 (FS45R0)

PRODUCT SELECTOR: CTW ($T_J = 85^{\circ}\text{C}$)

Light Emitting Surface (mm)	XLamp	Voltage Class	Typ. Current (A)	Typ. Voltage (V)	Max. Current* (A)	Max. Power (W)	6500 K, 90 CRI		2700 K, 90 CRI	
							Typ. Flux (lm)	Typ. LPW (lm/W)	Typ. Flux (lm)	Typ. LPW (lm/W)
6	 CTW0607	36V	0.180	36.4	0.350	14	807	123	716	109
9	 CTW0910	36V	0.300	35.5	0.700	29	1,385	130	1,252	118
	 CTW091A	36V	0.300	35.5	0.700	29	1,385	130	1,252	118
13	 CTW1325	36V	0.700	36.2	1.050	41	3,263	129	2,825	111

* Applies to the sum of forward current for both channels

CRI & CCT OPTIONS



Version	CRI	Standard Colors					
		6500K	2700K	5000K	2200K	4000K	1800K
Standard	90	o		o		o	

COLOR RENDERING REFERENCE DATA

- Color rendering metrics are shown for reference only and are not a specification

Metric	Standard Colors					
	6500K	2700K	5000K	2200K	4000K	1800K
CRI Ra	91	93	91	92	95	90
CRI R9	59	51	61	51	73	92
TM-30 Rf	89	91	89	90	91	86
TM-30 Rg	97	96	96	96	97	93