

XLAMP® CXA2 LED ARRAYS: STANDARD DENSITY

- Industry-leading efficacy and reliability for ceramic-based COBs
- TM-21 lifetimes well beyond L90 60,000 hours under a wide range of operating conditions
- Premium color options: Fidelity (98 CRI) and Specialty



Product Selector: ($T_j = 85\text{ }^\circ\text{C}$)

XLamp	Light Emitting Surface (mm)	Voltage Options	Typ. Power (W)	Max. Power (W)	4000 K, 70 CRI (Standard)		3000 K, 80 CRI (Standard)	
					Typ. Flux (lm)	Typ. LPW (lm/W)	Typ. Flux (lm)	Typ. LPW (lm/W)
CXB1304	6	9V 18V 36V	3.5	9.5	567	164	500	145
CXB1507	9	18V 36V	6.9	14	1,152	167	1,015	147
CXB1512		18V 36V	12	22	1,982	165	1,746	145
CXB1816	12	36V	16	34	2,537	161	2,236	142
CXB1820		36V	19	40	3,235	168	2,850	148
CXB1830	14	36V	28	53	4,712	168	4,152	148
CXB2530	19	36V	28	61	4,560	163	4,018	143
CXB2540		36V	38	79	6,267	164	5,522	144
CXB3050	23	36V	49	93	8,092	166	7,129	146
CXB3070		36V	68	106	11,054	162	9,739	142
CXB3590	30	36V 72V	86	137	14,079	163	12,404	144

CRI & CCT Options: Standard Colors

Colors	CRI	CCT								XLamp CXA2 LED (CXBxxxx)										
		6500K	5700K	5000K	4000K	3500K	3000K	2700K	2200K	1304	1507	1512	1816	1820	1830	2530	2540	3050	3070	3590
Standard	70	o	o	o	o					●	●	●	●	●	●	●	●	●	●	●
	80	o	o	o	o	o	o	o	o	●	●	●	●	●	●	●	●	●	●	●
	90			o	o	o	o	o		●	●	●	●	●	●	●	●	●	●	●

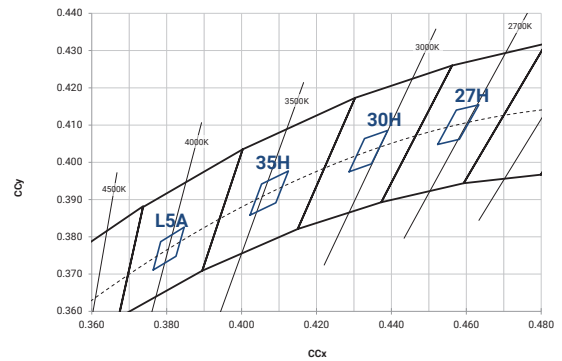
CRI & CCT Options: Premium Colors

Colors	CRI	CCT						XLamp CXA2 LED (CXBxxxx)											
		4000K	3500K	3100K below BBL	3000K	3000K below BBL	2700K	1304	1507	1512	1816	1820	1830	2530	2540	3050	3070	3590	
Fidelity	98	L5A	35H		30H		27H	●	●	●			●	●	●	●	●		
Specialty	80						L7B	●	●	●			●	●	●	●	●		
	90			31Q			30Q 30U	●	●	●	●	●	●	●	●	●			
	98						L7C	●	●	●			●	●	●	●	●		

Premium Colors: Fidelity

CCT	Bin	CRI		TM-30	
		Ra	R9	Rf	Rg
4000 K	L5A	97	95	91	99
3500 K	35H	97	97	91	99
3000 K	30H	98	88	93	99
2700 K	27H	98	93	96	101

On BBL for Halogen appearance



Premium Colors: Specialty

CCT	Bin	CRI		TM-30	
		Ra	R9	Rf	Rg
3100 K	31Q	91	56	90	100
3000 K	L7B	84	16	83	96
3000 K	30Q	92	58	89	99
3000 K	30U	92	60	89	101
3000 K	L7C	95	84	92	101

Below BBL for CMH appearance

